

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
<b>1. ENERGY PRODUCTION AND SUPPORTING INFRASTRUCTURE</b>								
<b>1.1 WIND</b>								
1.1.1 Energy Generation Facilities	Construction and operation of onshore wind electricity generation facilities, distributed wind electricity generation facilities, wind turbines	7.1, 7.2 13.1 8.2.1	1. Annual amount of GHG emissions reduced/avoided (tCO2e) 2. Total renewable energy capacity installed (MW) 3. Annual energy generated (KWh/hr) 4. Annual energy supplied to the grid, if applicable (KWh/hr) 5. Number of permanent, temporary, and contracted green jobs created by gender (# of people)	1. Number of beneficiaries or reach, disaggregated by gender (# of people) 2. Annual household cost savings or other socio-economic benefits resulting from shifts in spending on fuel (MNT) 3. Annual household cost savings due to health benefits (MNT) 4. Total domestic procurement (MNT)	N/A	Ex-ante: Feasibility study and energy/carbon audit/assessment confirming expected renewable energy capacity, energy generation, and emission reduction Ex-post: Client reporting, on site monitoring, energy/carbon audit/assessment confirming actual energy capacity installed, generated, and emission reduced Assessment standard: ISO 14067 or GHG Protocol Product Lifecycle Standard-compliant Product Carbon Footprint (PCF) assessment or GHG Lifecycle assessment	Nationally Determined Contribution Vision 2050 National Green Development Policy Energy Law of Mongolia Renewable Energy Law of Mongolia (FiT) Regulation on supplying to the grid energy produced from household renewable energy generation MNS energy standards	IEC 61400 ISO/TC 180: ISO 16079 ISO/TC 301: Energy management and energy savings

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
1.1.2 Distributed wind generation facilities	Construction and operation of small-scale portable wind home systems, mini grid and other types of stand alone systems to power small communities							IEC61400-2 (for small wind turbines)
<b>1.2 SOLAR</b>								
1.2.1 Power generation (PV & CSP) and thermal application facilities	Construction and operation of onshore centralised and distributed solar power facilities, including concentrated solar power (CSP) plants, solar photovoltaic (PV) power, distributed solar PV station. Construction and operation of facilities for application and generation of solar thermal energy, including solar water heating and other thermal	7.1, 7.2 13.1 8.2.1	1. Annual amount of GHG emissions reduced/avoided (tCO2e) 2. Total renewable energy capacity installed (MW) 3. Annual energy generated (KWh/hr) 4. Annual energy supplied to the grid, if applicable (KWh/hr) 5. Number of permanent, temporary, and contracted green jobs created by gender (# of people)	1. Number of beneficiaries or reach, disaggregated by gender (# of people) 2. Annual household cost savings or other socio-economic benefits resulting from shifts in spending on fuel (MNT) 3. Annual household cost savings due to health benefits (MNT) 4. Total domestic procurement (MNT)	N/A	Ex-ante: Feasibility study and energy/carbon audit/assessment confirming expected renewable energy capacity, energy generation, and emission reduction Ex-post: Client reporting, on site monitoring, energy/carbon audit/assessment confirming actual energy capacity installed, generated, and emission reduced Assessment standard: ISO 14067 or GHG Protocol Product Lifecycle Standard-compliant Product Carbon Footprint (PCF)	Nationally Determined Contribution • Vision 2050 • National Green Development Policy • Energy Law of Mongolia • Renewable Energy Law of Mongolia (FiT) • Regulation on supplying to the grid energy produced from household renewable energy generation • MNS energy standards	ISO/TC 180 ISO/TC 301: Energy management and energy savings

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	applications of solar power in all sectors					assessment or GHG Lifecycle assessment		
1.2.2 Small- scale distributed solar systems	Construction and operation of small-scale portable solar home systems, mini grid and other types of stand alone systems to power small communities	7.1, 7.2 13.1 8.2.1			N/A			
1.2.3 Small scale appliances which run on solar energy	Production, retail and purchase of small scale solar energy appliances and equipments such as fridges, washing machines, TV that run on solar power (with IE3 motor)	7.1, 7.2 13.1 8.2.1		1. Number of beneficiaries or reach, disaggregated by gender (# of people) 2. Annual household cost savings or other socio-economic benefits resulting from purchase of appliances (MNT)	N/A			MNS IEC 62548, MNS IEC 600034-30-1:2019

1.3 GEOTHERMAL

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
1.3.1 Heat and cooling supply facilities	Construction and operation of facilities for heat and cooling applications of geothermal power in all sectors		1. Annual amount of GHG emissions reduced/avoided (tCO <sub>2</sub> e) 2. Total renewable energy capacity installed (MW) 3. Annual energy generated (KWh/hr) 4. Annual energy supplied to the grid, if applicable (KWh/hr) 5. Number of permanent, temporary, and contracted green jobs created by gender (# of people)	1. Number of beneficiaries or reach, disaggregated by gender (# of people) 2. Annual household cost savings or other socio-economic benefits resulting from shifts in spending on fuel (MNT) 3. Annual household cost savings due to health benefits (MNT) 4. Total domestic procurement (MNT)	N/A	Ex-ante: Feasibility study and energy audit/assessment confirming expected emission reduction Ex-post: Energy audit/assessment confirming actual emission reduction Assessment standard: ISO 14067 or a GHG Protocol Product Lifecycle Standard-compliant Product Carbon Footprint (PCF) assessment Tool: MET/MSFA/Southpool GHG emission calculation tool	MNS 5085:2001	ISO 13256-1
<b>1.4 HYDRO-POWER</b>								
1.4.1 Small-to medium scale power generation facilities	Construction and operation of hydro power electricity generation facilities, including run of river, small-hydro with or without storage, impoundment, pumped hydro power plant	7.1, 7.2 13.1 8.2.1	1. Annual amount of GHG emissions reduced/avoided (tCO <sub>2</sub> e) 2. Total renewable energy capacity installed (MW) 3. Annual energy generated (KWh/hr) 4. Annual energy supplied to the grid, if applicable (KWh/hr) 5. Number of permanent, temporary, and contracted green jobs created by gender (# of people)	1. Number of beneficiaries or reach, disaggregated by gender (# of people) 2. Annual household cost savings or other socio-economic benefits resulting from shifts in spending on fuel (MNT) 3. Annual household cost savings due to health benefits (MNT) 4. Total domestic procurement (MNT)	N/A	Ex-ante: Feasibility study and energy audit/assessment confirming expected emission reduction Ex-post: Energy audit/assessment confirming actual emission reduction Assessment standards: ISO 14067 G-res tool and the IEA Hydro Framework Tool: MET/MSFA/Southpool GHG emission calculation tool	Relevant standards mentioned above	Relevant standards mentioned above

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<b>1.5 HYDROGEN</b>								
1.5.1 Production and storage of green hydrogen (hydrogen fuel, ammonia production, direct consumption)	Construction/acquisition and operation of facilities for production and storage of green hydrogen and subsequent transport of hydrogen or other energy vectors. The infrastructure required for zero-emission transport (e.g. hydrogen refueling stations) is available in the transport sector.	7.1, 7.2, 13.1	1. Annual amount of GHG emissions reduced/avoided (tCO2e) 2. Total renewable energy capacity installed (MW) 3. Annual energy generated (KWh/hr) 4. Annual energy supplied to the grid, if applicable (KWh/hr) 5. Number of permanent, temporary, and contracted green jobs created by gender (# of people)	1. Number of beneficiaries or reach, disaggregated by gender (# of people) 2. Annual household cost savings or other socio-economic benefits resulting from shifts in spending on fuel (MNT) 3. Annual household cost savings due to health benefits (MNT) 4. Total domestic procurement (MNT)	Direct CO2 emissions from hydrogen production: 5.8 tCO2e/t Hydrogen in line with the energy threshold in the category. Electricity consumption of electrolytic hydrogen is 58 MW/t Hydrogen or less.	Pre-Project/Funding: Feasibility Study and Feasibility Study/Energy Audit/Evaluation Post-project/funding: Energy audit/assessment confirming actual GHG/energy reductions Assessment Standard: Product Carbon Footprint (PCF) Assessment or GHG Life Cycle Assessment according to ISO 14067 or Greenhouse Gas Protocol Product Life Cycle Standards	MNS 6661 : 2017	N/A
<b>1.6 BIO-ENERGY</b>								
1.6.1 Bio-energy product facilities	Construction and operation of facilities for producing biofuel, biomass, biogas and other bioenergy products	7.1, 7.2, 13.1	1. Annual amount of GHG emissions reduced/avoided (tCO2e) 2. Total renewable energy capacity installed (MW) 3. Annual energy generated (KWh/hr)	1. Number of beneficiaries or reach, disaggregated by gender (# of people) 2. Annual household cost savings or other socio-economic benefits resulting from	N/A	Ex-ante: Feasibility study and energy audit/assessment confirming expected emission reduction Ex-post: Energy audit/assessment	N/A	ISO 13065:2015

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	including fuel preparation process facilities, pre-treatment facilities and bio-refinery facilities, gaseous, liquid and solid (forest) biofuel manufacturing facilities (including anaerobic digestion facilities)		4. Annual energy supplied to the grid, if applicable (KWh/hr) 5. Number of permanent, temporary, and contracted green jobs created by gender (# of people)	shifts in spending on fuel (MNT) 3. Annual household cost savings due to health benefits (MNT) 4. Total domestic procurement (MNT)		confirming actual emission reduction Assessment standard: ISO 14067 or a GHG Protocol Product Lifecycle Standard-compliant Product Carbon Footprint (PCF) assessment Tool: MET/MSFA/Southpool GHG emission calculation tool		
1.6.2 Heat & Power generation from Bio-energy facility	Construction and operation of small and large-scale electricity & heat generation facilities including improved biomass stove, use of agricultural and forest waste, wastage from crops for electrification	7.1, 7.2 13.1			N/A		N/A	ISO 13065:2015
<b>1.7 WASTE-TO ENERGY</b>								
1.7.1 Waste-to energy facilities	Construction and operation of waste-to-energy plants and other facilities. incineration, gasification, pyrolysis and plasma, facilities for solid waste	7.1, 7.2 13.1	1. Annual amount of GHG emissions avoided/reduced (tCO2e) 2. Total renewable energy capacity installed (MW ) 3. Total amount of waste used (tonn) 4. Number of permanent, temporary, and contracted	1. Number of beneficiaries or reach, disaggregated by gender (# of people) 2. Annual household cost savings or other socio-economic benefits resulting from shifts in spending on fuel (MNT)	N/A	Pre-Project/Funding: Feasibility Study and Feasibility Study/Energy Audit/Evaluation Post-project/funding: Energy audit/assessment confirming actual GHG/energy reductions	MNS 6342:2012	ISO/TR 21916:2021

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	treatment with production of electricity or heat as a byproduct		green jobs created by gender (# of people)	3. Annual household cost savings due to health benefits (MNT) 4. Total domestic procurement (MNT)				
<b>1.8 SUPPLY CHAIN AND SUPPORTING INFRASTRUCTURE FOR LOW-CARBON ENERGY</b>								
1.8.1 Manufacturing and retailing of renewable energy equipment	Manufacturing and retailing of assembly plants of products, key components, equipment and machinery for renewable energy applications. Including wind, hydro & geothermal turbines, PV cells & components, CSP dishes, troughs & components, transmission lines for renewable energy distribution systems, and geothermal pumps.	7.1, 7.2 13.1	1. Number of permanent, temporary, and contracted green jobs created by gender (# of people) 2. Total sales amount (MNT) 3. Total purchase amount (MNT), if applicable 4. Number of renewable energy equipment parts manufactured/sold amount (#)	1. Indirect emission reduction avoided (tCO <sub>2</sub> e) 2. Total domestic procurement (MNT)	N/A	Төслийн/санхүүжилтийн өмнө: Техник, эдийн засгийн үндэслэл болон хүлээгдэж буй хүлэмжийн хийн ялгаралт /эрчим хүчний хэрэглээг бууруулах боломжийн судалгаа/эрчим хүчний аудит/үнэлгээ Төслийн/санхүүжилтийн дараа: Бодит хүлэмжийн хий/эрчим хүчний хэрэглээг бууралтыг баталгаажуулсан эрчим хүчний аудит/үнэлгээ Үнэлгээний стандарт: Хамаарах ISO стандартууд	Байхгүй	OHS стандарт
1.8.2 <b>СЭХ-ний батарей</b>	Construction, installation and operation of batteries, condensers, compressed air storage and hydrogen tanks	7.1, 7.2 13.1	1. Renewable energy capacity added (MW) 2. Total sales amount (MNT) 3. Number of renewable energy storage systems manufactured/sold amount (#) 4. Number of permanent, temporary, and contracted	1. Annual amount of GHG emissions avoided/reduced (tCO <sub>2</sub> e) 2. Number of beneficiaries or reach, disaggregated by gender (# of people)	N/A	Pre-Project/Funding: Feasibility Study and Feasibility Study/Energy Audit/Evaluation Post-project/funding: Energy audit/assessment confirming actual GHG/energy reductions	N/A	IEC 61427, IEC 62133, IEC 62619UL 1642, UL 1973, UL 9540AIEEE 1547, IEEE P2030.3 DNV Maritime Class Propagation Testing

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	for large-scale production; Large-scale energy storage facilities and production facilities for any of the above		green jobs created by gender (# of people)					
1.8.3 other supporting infrastructure for renewable energy operation/distribution	Construction, installation, and operation of heat and electricity meters and sensors, inverters/controllers, electrolyzers, transformers, voltage regulators, switchgear, roads for clean technology transportation, smart IT systems, and energy audits	7.1, 7.2 13.1				Pre-Project/Funding: Feasibility Study and Feasibility Study/Energy Audit/Evaluation Post-project/funding: Energy audit/assessment confirming actual GHG/energy reductions Rating standards: Energy star and other related labels	N/A	N/A

## 2. ENERGY EFFICIENCY

### 2.1 EFFICIENCY IMPROVEMENT IN ENERGY SUPPLY

2.1.1 Improving efficiency of energy generation, transmission and distribution	Retrofit of transmission lines or construction of new substations &/distribution systems to reduce energy use &/ technical losses including improving grid	7.3 13.1	1. Annual energy savings (MWh) 2. Annual amount of GHG emissions reduced (tCO <sub>2</sub> e)	1. Number of beneficiaries, classified by gender (# people) 2. Annual costs saved from energy (net)	At least 20% increase in EO efficiency (varies depending on purpose)	Ex-ante: EE labels (e.g. energy star), certifications, energy audit report/energy consumption data of past 2 years Ex-post: EE labels, certifications, energy audit report/annual energy consumption data	MNS 6939:2021	ISO/TC 301: Energy management and energy savings
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	stability/reliability, DC (direct current) application, smart grid, high-voltage grid, Installation of CHP/co- or tri-generation equipment					Assessment standard: ISO 14067 or a GHG Protocol Product Lifecycle Standard-compliant Product Carbon Footprint (PCF) assessment Tool: MET/MSFA/Southpool GHG emission calculation tool, EBRD Green Technology Selector		
2.1.2 Waste heat recovery from gas power generation	Waste heat recovery from gas-fuelled power generation, facilities for heat and electricity generation using natural gas (natural gas power station, distributed natural gas station, CHP, natural gas stoves, CBM (coal bed methane), CMM (coal mine methane), shale gas, LPG, LNG, CNG, DME as a substitutes of coal or a supplement of renewable energy)	7.3 13.1	1. Annual amount of GHG emissions reduced (tCO <sub>2</sub> e) 2. Total energy recovered (MW)	1. Number of beneficiaries, classified by gender (# people) 2. Annual costs saved from energy (net)	They must be cleaner than the fossil fuels they replace	Ex-ante: EE labels (e.g. energy star), certifications, energy audit report/energy consumption data of past 2 years Ex-post: EE labels, certifications, energy audit report/annual energy consumption data Assessment standard: ISO 14067 or a GHG Protocol Product Lifecycle Standard-compliant Product Carbon Footprint (PCF) assessment Tool: MET/MSFA/Southpool GHG emission calculation tool, EBRD Green Technology Selector	N/A	N/A

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<b>2.2 ENERGY EFFICIENCY IMPROVEMENT FOR ALL SECTORS</b>								
2.2.1 Energy efficient equipment and technology improvement	Industrial energy-efficiency improvements for heating and air conditioning and cooling, electricity supply and system, installing heat meters, renovation of heating units, installing electricity and heating sub-meters (for monitoring energy use for each unit of production line/unit/space), improving changes in processes and management, reduction of heat loss utilization of residual heat and pressure. Energy efficiency measures based on energy audit report, such as installation of energy-efficient motors, VFD drives for compressors,	7.3 13.1	1. Annual energy savings (MWh) 2. Annual GHG emissions reduced (tCO2e)	1. Annual cost of energy savings 2. Total energy savings (total)	300 grams of CO2 / kWh or 20% reduction in energy consumption compared to the baseline (before the implementation of the project)	Ex-ante: EE labels (e.g. energy star), certifications, energy audit report/energy consumption data of past 2 years Ex-post: EE labels, certifications, energy audit report/annual energy consumption data Assessment standard: ISO 14067 or a GHG Protocol Product Lifecycle Standard-compliant Product Carbon Footprint (PCF) assessment Tool: MET/MSFA/Southpool GHG emission calculation tool, EBRD Green Technology Selector	Law on Energy Conservation National Program on Energy Conservation	EBRD EE technology database

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	pumps and fan systems, high energy-efficient boilers							
2.2.2 Energy efficient lighting	Energy-efficiency improvement through the installation of more efficient lighting: LED street lighting system and other lighting improvements in commercial, retail, wholesale, office buildings and other non-industry facilities	7.3 13.1	1. Annual energy savings (MWh) 2. Annual GHG emissions reduced (tCO2e)	1. Number of beneficiaries of energy saving by gender (# people)	Reduce energy costs by 45%	Ex-ante: EE labels (e.g. energy star), certifications, energy audit report/energy consumption data of past 2 years Ex-post: EE labels, certifications, energy audit report/annual energy consumption data Assessment standard: ISO 14067 or a GHG Protocol Product Lifecycle Standard-compliant Product Carbon Footprint (PCF) assessment Tool: MET/MSFA/Southpool GHG emission calculation tool, EBRD Green Technology Selector	Law on Energy Conservation National Program on Energy Conservation	Energy Star, other labels
2.2.3 Energy efficient appliances and products	Production, retail and purchase of more energy efficient end-user products such as energy saving refrigerator, washing machine, heater, insulation materials	7.3 13.1	1. Annual energy savings (MWh) 2. Annual GHG emissions reduced (tCO2e)	1. Number of beneficiaries of energy saving, classified by gender (# people)	The product must have some kind of energy efficiency standard or label, or have an energy assessment to prove energy efficiency	Rating Standard: Energy Efficiency Label Tool: MET/TOS CONNECT/Southpool Greenhouse Gas Emissions Calculation Tool	Law on Energy Conservation National Program on Energy Conservation	Energy Star, other labels

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2.2.4 Energy conservation services	Offering and application of energy conservation services to energy endusers, including industries, buildings, and transport systems, energy audit, ESCOs: energy audit, contract energy management	7.3 13.1	1. Annual energy savings (MWh) 2. Annual GHG emissions reduced (tCO2e)	1. Number of beneficiaries of energy saving, classified by gender (# people)	Certificate of conformity to ST RK 50001, ISO 50001 or similar internationally recognized standards	Before project/financing: EE certificate (building passport etc.), energy audit report/energy consumption data for the last 2 years After project/funding: EE certificate (building passport etc.), energy audit report/annual energy consumption data	Law on Energy Conservation National Program on Energy Conservation MNS EN 16247 : 2017	ST RK 50001, ISO 50001 or internationally recognized similar standards

### 3. ENERGY EFFICIENT & GREEN BUILDINGS

#### 3.1 ENERGY EFFICIENT BUILDINGS

3.1.1 New energy efficient building construction, certification	Construction and certification of new commercial, public, industrial, and residential (apartment and detached) energy efficient buildings that comply with national building energy passport standards or internationally recognized energy efficiency certifications	7.3 11.1, 11.3, 11.6 12.2, 12.4, 12.5 13.1	1. Annual building energy consumption reduced compared to local baseline/building code (kWh/m2 and %) 2. Annual GHG emissions reduced/avoided vs local baseline/baseline certification level (tCO2e/m2 and %) 3. Number of households/beneficiaries (# of people)	1. Annual cost savings compared to local baseline (MNT) 2. Number of permanent, temporary, and contracted green jobs created by gender (# of people) 3. Percentage of total area in compliance with key accessibility regulations and standards (%)	Compliance with local building codes and EE building regulations; availability of domestic energy efficiency certificates (energy efficiency class not lower than B or the highest energy efficiency class); compliance with	Ex-ante: EE certifications (building passport etc), energy audit report/energy consumption data of past 2 years Ex-post: EE certifications (building passport etc), energy audit report/annual energy consumption data, client reports Assessment standard: ISO 14067 or a GHG Protocol Product Lifecycle Standard-compliant Product Carbon Footprint (PCF) assessment Tool: MET/MSFA/Southpool	National EE building passport: Construction code 23-01-09	National minimum requirements or certifications for Energy Efficiency in Buildings, the International Energy Conservation Code (IECC), the US Property Assessed Clean Energy Programs (PACE), Passive House or Swiss Minergie, when compatible with the aforementioned standards; EU Energy Efficiency Directive and Energy Performance Certificates (EPCs)
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					nationally or internationally recognized EE building certificates	GHG emission calculation tool		
3.1.2 Efficiency improvements in existing commercial, public, residential and industrial buildings and parts thereof, their certification	Major renovation or relative improvement in lighting, appliances and equipment, heating/cooling systems (e.g. insulation of lines, installation of efficient pumps and control systems), architectural or building changes that enable reduction of energy consumption. Residential buildings include apartments, detached houses and gers.	7.3 13.1	1. Annual building energy consumption reduced/avoided compared to project baseline (kWh/m2 and %) 2. Annual building power consumption reduced/avoided compared to project baseline (kWh/m2 and %) 3. Annual GHG emissions reduced/avoided vs baseline level (tCO2e/m2 and %) 4. Number of households/beneficiaries (# of people)	1. Annual cost savings compared to baseline (MNT) 2. Number of permanent, temporary, and contracted green jobs created by gender (# of people) 3. Percentage of total area in compliance with key accessibility regulations and standards (%)	Minimum 20% energy savings compared to project baseline		National EE building passport: Construction code 23-01-09	
<b>3.2 GREEN BUILDINGS</b>								
3.2.1 New green building construction, certification: - Commercial green	Construction and certification of new commercial, industrial, public and residential (apartment and detached) green buildings that	7.3 11.1, 11.3, 11.6 12.2, 12.4, 12.5	1. Annual building energy consumption reduced/avoided compared to local baseline/building code (kWh/m2 and %) 2. Annual GHG emissions reduced/avoided vs local	1. Renewable energy proportion utilisation rate (%) 2. Total (life-cycle) energy consumption during production of building materials (kWh)	Compliance with local building codes and green building regulations, if any; or	Ex-ante: Green building certifications (EDGE, LEED, BREEAM etc), other assessment reports/certifications to prove compliance with minimum green building requirements	N/A	National minimum requirements or certifications for Green Buildings, internationally and nationally recognised standards for Green Buildings such as

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buildings such as offices, hotels, malls - Industrial buildings such as factories and storage facilities - Public green buildings schools, hospitals, dormitories - Residential green buildings	comply with the following minimum requirements: - Energy: Left indent use of highly efficient architectural designs, energy efficiency appliances and equipment, and building techniques that reduce building energy consumption - Water: Use of water efficient fixtures and equipment, and building techniques that reduce building water consumption - Materials: Use of construction material which minimizes contents that require high amount of energy to manufacture, such as steel or cement, or transported from afar and uses materials with low manufacturing energy or		baseline/baseline certification level (tCO2e/m2 and %) 3. Annual absolute water savings compared to project baseline/local baseline/IGCC/International Plumbing Code (m3/tons and %) 4. Number of households/beneficiaries (# of people)	3. Total GHG emissions during production of building materials (kWh) 4. Annual amount of waste minimised, reused or recycled during the construction process (tonnes and %) 5. Green spaces before and after the project (%) 6. Annual amount of rainwater harvested and reused (m³) 7. Reduction of indoor particulate matter vs local baseline: sulphur oxides (SOx), and nitrogen oxides (NOx) carbon monoxide (CO), (PM2.5/PM10) and non-methane volatile organic compounds (NMVOCs) (%) 8. Number of electric vehicles charging stations and/or number of bicycle facilities provided (#) 9. Annual cost savings compared to local baseline (MNT) 10. Number of permanent, temporary, and contracted green jobs created by gender (# of people)	availability of domestic green building certificates; compliance with the building “green” standards of the GOST series; or availability of internationally recognized green building certificates, such as LEED, EDGE, BREEAM, international certification or labeling of building materials	Ex-post: Green building certifications (building passport, EDGE, LEED, BREEAM etc), client reports, external assessment reports Assessment standard/tool: IFC EDGE tool		LEED (Leadership in Energy and Environmental Design), BREEAM (Building Research Establishment Environmental Assessment Method), ANSI/ASHRAE/IES/USGBC Standard 189.1 Standard for the Design of High-Performance Green Buildings and/or the International Green Construction Code; other standards for Green Buildings widely known and/or used in the industry locally, such as CEEQUAL, DGNB, EDGE, the International Energy Conservation Code (IECC), the US Property Assessed Clean Energy Programs (PACE), Passive House or Swiss Minergie, when compatible with the aforementioned standards

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	reused/recycled materials, and those manufactured locally			11. Percentage of total area in compliance with key accessibility regulations and standards (%)				
3.2.2. Manufacturing, purchase, sales and importing of energy efficient and green building materials and products	Efficient and low carbon building systems (lighting, heating, air conditioning, lifts, escalators, metering, ground source heat pumps) and energy efficient materials, such as organic wool insulation materials, and recycled materials	11.3, 11.7 13	1. Annual amount of green building materials produced/imported/sold (tonnes) 2. Total sales of green building materials produced/sold (MNT)	1. Annual amount of recycled building materials (tonnes) 2. Annual amount of waste reduced/recycled compared to baseline (tonnes) 3. Number of green jobs created by gender (# of people)	N/A	Ex-ante: Check green building material labeling/certification/directory/MET green technology list Ex-post: Client reporting	relevant standards for each material	N/A

### 3.3 GREEN INFRASTRUCTURE

3.3.1 Green and inclusive area development	Multi-purpose green area (water retention, shading, recreation, biodiversity corridors, soft lining for pedestrian and bicycle paths, street lighting, waste bins) improvements with consideration of energy, waste and water efficiency and climate resilience standards		1. Total space of green area (m <sup>2</sup> ) 2. Number of people benefitting from the new green area development by gender (#) 3. Annual GHG emissions reduced/avoided vs local baseline/baseline certification level (tCO <sub>2</sub> e/m <sup>2</sup> and %) 4. Percentage of total area in compliance with key accessibility regulations and standards (%)	1. Annual absolute water savings compared to project baseline/local baseline (m <sup>3</sup> /tons and %) 2. Renewable energy proportion utilization rate (%) 3. Annual amount of waste minimized, reused, or recycled (tonnes and %) 4. Annual amount of rainwater harvested and reused (m <sup>3</sup> )	The minimum green area should be linked to the population and the level of pollution  Percentage of added green area (not including non-green public space) higher than the legal 30%	Ex-ante: Technical/feasibility study and plan with expected impact targets Ex-post: Reporting and site visit to confirm compliance with plan and expected impacts	Law on Urban Green Areas Law on Urban Development Law on Land	<a href="https://igbc.in/igbc/html_pdfs/abridged/IGBC%20Green%20Landscape%20-%20Abridged%20Reference%20Guide%20(Pilot%20Version).pdf">https://igbc.in/igbc/html_pdfs/abridged/IGBC%20Green%20Landscape%20-%20Abridged%20Reference%20Guide%20(Pilot%20Version).pdf</a>
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Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
3.3.2 Green landscaping, redevelopment of private houses	Green landscaping and other green improvement of private lands (khashaa)		1. Number of households that made green landscaping and fence improvements (#) 2. Number of people benefitting from green landscaping and fence improvements by gender (#) 3. Percentage of total green area compared to total area (%) 4. Reduced chimney and cleared area (toilet) (#)	1. Annual GHG emissions reduced/avoided vs local baseline/baseline certification level (tCO2e/m2 and %)	Нэмэгдсэн ногоон байгууламжийн хувь (ногоон бус нийтийн эзэмшлийн талбайг оруулаагүй) 30 хувиас их байна.	Ex-ante: Plan and description of products/services to be used for improvements Ex-post: Reporting and site visit to confirm compliance with plan Assessment standards/tool: World Bank standard for ger area households (khashaa)	Khashaa standard	N/A

#### 4.POLLUTION, PREVENTION & CONTROL

##### 4.1 AIR QUALITY

4.1.1 Industrial (large scale) air pollution treatment facilities	'- Industrial air pollution treatment facilities, exhaust gas, and effluent reducing and recycling facilities. - Manufacturing and trading of flue gas dedusting, desulfurization and denitration facilities, treatment equipment of volatile organic pollutants (VOCs), post	3.9	1.Efficiency coefficient percentage/ratio of the treatment, dedusting, purification and filtering 2. Number of people benefitting from cleaner air by gender and age residing around the respective location (#) 3. Reduction of core particulate matters: sulfur oxides (SOx), and nitrogen oxides (NOx) carbon monoxide (CO), (PM2.5/PM10) and non-methane volatile organic compounds (NMVOCs) (%)	1. Increase in efficiency of the facilities/chimneys (a) fuel combustion (b) efficiency coefficient percentage/ratio as compared to the old equipment/baseline	1. Efficiency coefficient percentage/ratio is equal or higher than 95% 2. Increase in fuel combustion or efficiency coefficient percentage/ratio is at least 20%	Ex-ante: Technical certificate or result of the laboratory test of the facility or equipment, Technical/feasibility study and plan with expected impact Ex-post: Technical certificate or result of the laboratory test of the facility or equipment, Reporting and site visit to confirm compliance with plan and impact targets  In terms of measurement, technology efficiency levels should preferably	National Program for reducing air and environmental pollution (NPRAEP)  National air quality standards of Mongolia were approved by Resolution 67, Dec 2007	Standards fall under ISO's '13.020.40 Pollution, pollution control, and conservation' category (45 standards)
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Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	treatment equipment of motor vehicle exhaust, and purification equipment of lampback, filter-bag, exhaust gas burner					be expressed in consumption (e.g. of raw material, energy, water) per mass of product manufactured (e.g. in kg/t, MJ/t). For energy and water consumption, may also be expressed in consumption/use per mass of raw material (e.g. MJ/t, m3/t)		
4.1.2 Vehicle and stove filters for exhaust emissions (household level)	Various air purifiers, filters, and gas filtration that trap particulate matters to reduce pollution. Manufacturing and trading of dedusting bag filter materials and fibers, dedusting large-bore bag pulse valve, high-voltage pulse valve with low energy consumption and no diaphragm and its membrane material and membrane module equipment and components.	3.9	1.Efficiency coefficient percentage/ratio of the treatment, dedusting, purification and filtering	1. Capacity or measurement of filtered core particulate matter per km travel: sulfur oxides (SOx), and nitrogen oxides (NOx) carbon monoxide (CO), (PM2.5/PM10) and non-methane volatile organic compounds (NMVOCs) (%) 2. Number of beneficiaries by gender and age (#) 3. Annual health cost savings (MNT)	Efficiency coefficient percentage/ratio or capacity to filter core particulate matters is equal or higher than 95%	Ex-ante: Check product labeling and/or eligibility in MET green loan list, product labeling and certification, calculation of estimated pollution reduction impact Ex-post: Confirm installation of filter	Nationally Determined Contribution (NDC), which was approved by the Government Decree No.407 of November 2019, with the aim to contribute to the Paris Agreement.	
4.1.3 Production and	Production, purchase and deployment of	3.9	1. Number of people benefitting from clean indoor/outdoor air by	1. Annual cost savings from the switch from	1. To have a thermostat, air	Ex-ante: Contract with electricity distribution company, Certificate of	National Program for reducing air and	

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
deployment of clean heating appliances to reduce air pollution and support switch from coal: electric radiator (space heater), electric cartridge heater, night storage heater, electric floor heating, various heat pumps	clean heating appliances to reduce air pollution and support switch from coal: electric radiator (space heater), electric cartridge heater, night storage heater, electric floor heating, various heat pumps		gender and age residing in the building/household (#) 2. Number of heating stove and chimneys removed/replaced (#) 3. Annual amount of coal usage or ash waste reduced/avoided (tonnes)	coal to electricity (MNT)	temperature sensor, overheat protector installed/connected to the heater  2. Certain degree of insulation (wall, window, roof etc) is placed before installing heating product	equipment (thermostat, air temperature sensor and overheat protector) Ex-post: Confirm installation of appliance in line with safety standards, annual electricity usage Assessment standards: Guidelines of International Electrotechnical Commission	environmental pollution (NPRAEP)	
4.1.4 Carbon capture and storage	Facilities, products, and devices dedicated to CCS. Fossil fuels (coal or oil with CCS, gas power with CCS)	13.1	1. Reduction of GHG emissions compared to business as usual (BAU) (tCO <sub>2</sub> e and %) 2. Annual reduction of particulate matter vs local baseline: sulfur oxides (SO <sub>x</sub> ), and nitrogen oxides (NO <sub>x</sub> ) carbon monoxide (CO), (PM <sub>2.5</sub> /PM <sub>10</sub> ) and non-methane volatile organic compounds (NMVOCs) (%)	3. Number of beneficiaries by gender and age (#)	To comply with safe storage standards	Ex-ante: Technical certificate or result of the laboratory test of the facility or equipment, Technical/feasibility study and plan with expected impact Ex-post: Technical certificate or result of the laboratory test of the facility or equipment, Reporting and site visit to confirm compliance with plan and impact targets Assessment standards: • ISO/CD 27919-2 - Carbon dioxide capture - Part 2: Evaluation procedure to assure and maintain stable performance of post-combustion CO <sub>2</sub> capture	N/A	<ul style="list-style-type: none"> <li>• ISO/TR 27912 - Carbon dioxide capture – Carbon dioxide capture systems, technologies and processes</li> <li>• ISO/AWI TS 27924 - Lifecycle risk management for integrated CCS projects</li> <li>• ISO/TC 265 Carbon dioxide capture, transportation, and geological storage</li> <li>• World Resources Institute - CCS guidelines</li> </ul>

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
						plant integrated with a power plant • ISO/CD 27920 - Carbon dioxide capture, transportation and geological storage (CCS) -- Quantification and Verification • ISO/DTR 27921 - Carbon dioxide capture, transport and storage -- CO2 stream composition ой		
4.2 SOIL								
4.2.1 Soil pollution reduction and remediation facilities and infrastructure	Facilities and infrastructure using soil remediation technologies and products for the remediation of polluted or degraded soil and also the activities of the manufacturing and trading of environmental pollution control materials, non-chemical agents, and beneficial bacteria	3.9	1. Size of area remediated, replaced, or with pollution reduction (m2)	1. Annual health cost savings (MNT) 2. Number of people benefitting from cleaner soil by gender and age (#)	Impact report or the technical specification of the method or the environmental pollution control materials, non-chemical agents, and beneficial bacteria	Ex-ante: Check product labeling and/or eligibility in MET green loan list, product labeling and certification, calculation of estimated pollution reduction impact Ex-post: Review of the comparative laboratory test result on soil and site visit	Хөрс хамгаалах, цөлжилтөөс сэргийлэх тухай хууль (2012.05.17)  - no translation	Law on soil protection and desertification prevention (2012.05.17)
4.2.2 Self Contained and eco-sanitation toilet solutions for ger areas,	Installation of self-contained and eco sanitation toilets that contribute to composting	3.9	1. Number of new eco toilets installed or pit latrines replaced by location 2. Number of people benefitting from eco		"1. Displacement of old/traditional toilet facility	Ex-ante: Check product labeling and/or eligibility in MET green technology list, calculation of estimated pollution reduction impact	Цэвэрлэх ариутгах үйл ажиллагааны ерөнхий зохицуулалтууд (ерөнхийд нь)  - no translation	For Septic tanks: Нүхэн жорлон, угаадасны нүх. Техникийн шаардлага - MNS 5924:2015 Бага оврын цэвэрлэх байгууламж:

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
tourist camps and small businesses	toilets, container-based toilets, dry toilets (UDDT), septic systems		toilets by gender and children (#)		2. Compliance with MNS 5924:2015 "	Ex-post: Confirm installation of eco toilet, review of comparative laboratory test result of soil Assessment standards: MNS 5924:2015 standard, MNS4288:1995, MNS4943:2015, MNS12566 3:2011		MNS4288:1995, MNS4943:2015, MNS12566 3:2011

## 5. SUSTAINABLE WATER AND WASTE USE

### 5.1 SUSTAINABLE WATER & WASTE EFFICIENCY

5.1.1 Production, purchase and deployment of water saving, storage and distribution technologies and systems	<ul style="list-style-type: none"> <li>- Production, purchase, and deployment of water-saving, storage, and water treatment equipment, facilities</li> <li>- Efficient distribution technologies and systems;</li> <li>- Drinking water purification technology and equipment;</li> <li>- Groundwater reservoirs to collect snowmelt or over the float and to regulate river flow rate;</li> <li>- Use of mine runoff water for industrial, agricultural,</li> </ul>	SDG 3 Good Health and Well-being: - 3.3; SDG 6 Clean Water and Sanitation : - 6.1, 6.2; SDG 11 Sustainable Cities and Communities: - 11.1	1. Annual absolute water use before (if applicable) and after the project (m3) 2. Annual reduction in water use (m3 and %) 3. Annual cost savings from water efficiency (MNT)	1. Amount of waste water used during the reporting period (m3/%) 2. Number of people provided with clean drinking water due to infrastructure supporting sustainable and efficient water use (#) 3. CO reduction (tCO2e and %) 4. Recycled fresh water (m3) 5. Number of projects operating in areas with high water stress and very high water stress (#) 6. Volume of produced and flowback generated water (mm3) 7. Amount of discharged & injected & recycled water &	Reduction of consumption of fresh (natural) water not less than 40% for household and drinking needs, 30% for irrigation and 70% for industrial and technical needs	Ex-ante: Water audit/assessment report and/or water consumption data of the past 2 years Ex-post: Water audit/assessment report and/or annual water consumption data Assessment standard/tool: MSFA emission/impact calculation tool; Conduct a water audit every two years by the Water Agency and the Administration of Water Basin: Administration of Water Basin if up to 50 m3 of water is used per day; Water audit by the Water Agency and the Ministry if more than 100 m3 of water is used per day; The Central Laboratory of the Ministry of Nature,	ISO 46001:2019 (Water Efficiency Management System)  Internationally recognized reference standards for water efficiency (eg EU directives) Technical Reference Standards or Industry/Industry Good/Best Practice Standards) Internationally recognized tools such as the Water Use Index Plus (WEI+) or WRI's Aqueduct, WWF Water Risk Filter Average monthly water consumption for sustainable basin water  translation not complete	ISO 46001:2019 (Water efficiency management systems)  Internationally recognised benchmark standards for water use efficiency (e.g. EU Directives and Best Available Techniques reference standards or industry/sector good/best practice standards) · The Water Exploitation Index Plus (WEI+) or internationally recognised tools such as WRI's Aqueduct, and the WWF's Water Risk Filter · The average monthly water consumption as a
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Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/C riteria/Exclus ion	Mean of Verification	Relevant national and industry regulations*/ policies/standards	Relevant international standards
	recreational, or other use (Industrial water- saving technology) - Water measurement equipment; - Rainwater harvest systems, groundwater recharge systems, canals and distribution systems, Stormwater management; - Develop water- saving technologies; - Create water storage and storage facilities and efficient water distribution structures; - Support groundwater reservoirs and ecosystems, and take measures to increase water resources, river water level regulation facilities by conserving snow, ice, and overflow water; - Artificial groundwater			Hydrocarbon content in discharged water (%) 8. Percentage of hydraulic fracturing sites with degraded soil and surface water quality (%) 9. Total amount of fresh water used during operation (m3) 10. Water consumption per unit of product production (m3)		Environment and Tourism will monitor water and assess water pollution		percentage of the sustainable basin water

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	augmentation facility,							
5.1.2 Water recycling facilities	- Unconventional water reuse facilities or infrastructure - Water recycling systems, - Recycling mine water, - Greywater reuse - Recycling systems, sewage/drainage networks that segregate stormwater from the sewage	SDG 6 Clean Water and Sanitation : - 6.1, 6.2; SDG 11 Sustainable Cities and Communities: - 11.1	1. Annual absolute water use before (if applicable) and after the project (m3) 2. Amount of water recycled/treated compared to total water used (m3 and %) 3. Annual cost savings from water recycling (MNT) 4. Volume of water re-used (m3)	1. Number of people with access to clean drinking water through infrastructure supporting sustainable and efficient water use (#) 2. Emission reduction? (tCO2e and %) 3. Pollution reduction (mg/l)	Recycle at least 80% of wastewater	Ex-ante: Water audit/assessment report and/or water consumption data of the past 2 years Ex-post: Water audit/assessment report and/or annual water consumption data Assessment standard/tool: MSFA emission/impact calculation tool, water consumption report, dynamic decline in annual water consumption report, annual water consumption data, water audit	Ger area and residential water consumption data, industrial and domestic water consumption ratio, statistics, standards and norms 2050 vision long term development policy New revival policy	ISO 46001:2019 (Water efficiency management systems)
5.1.3. Construction and operation of water supply facilities	- Improving construction and operation of water supply facilities for drinking and domestic use in urban and rural areas ; - Improving the operation and maintenance of water supply and sewage facilities in urban and rural areas; - Increasing efficiency, expanding,	SDG 3 Good Health and Well-being: - 3.3; SDG 6 Clean Water and Sanitation : - 6.1, 6.2; SDG 11 Sustainable Cities and Communities:	1. Annual absolute water supply before and after the project (m3) 2. Number of people with access to clean drinking water after the project (#)	1. Emission reduction? (tCO2e and %) 2. Number of people who benefited from the improvement by gender (#)	For domestic water use only	Ex-ante: Water audit/assessment report with impact targets Ex-post: Water audit/assessment report and/or annual water supply data Assessment standard/tool: MSFA emission/impact calculation tool, water consumption report, dynamic decline in annual water consumption report, annual water consumption data, water audit	2050 vision long term development policy New revival policy	ISO 24511 (Activities relating to drinking water and wastewater services — Guidelines for the management of wastewater utilities and for the assessment of wastewater services)

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	connecting consumers to the centralized water supply, - Drilling deep wells, water purification filters, equipment, water pumps, buildings and pipelines, booster pump station, pressure tower, water supply network, water meter, smart water distribution point	- 11.1						
5.1.4 Construction and operation of drainage facilities	- Construction and operation of drainage systems for urban and rural areas; - Construction and renovation of wastewater treatment plants in aimag and soums; - Within the framework of general settlement planning (XAH CET): development of engineering infrastructure, sewerage network, sewage control, intersection wells, sewage treatment	SDG 3: Good Health and Well-being: - 3.9; SDG 6 Clean Water and Sanitation: - 6.2; SDG 11 Sustainable Cities and Communities: - 11.1, 11.6; SDG 14 Life		1. Emission reduction? (tCO2e and %) 2. Number of people who benefited from the improvement by gender (#) 4. Volume of water purified and re-used (m3) 3. Annual amount and proportion of water drained safely and in compliant with the standards (m3 and %)	Connect to recycling facilities to recover at least 80% of liquid waste collected;	Ex-ante: Water audit/assessment report with impact targets Ex-post: Water audit/assessment report and/or annual water drainage data Assessment standard/tool: MSFA emission/impact calculation tool	2050 vision long term development policy New revival policy	ISO 24512 (Activities relating to drinking water and wastewater services — Guidelines for the management of drinking water utilities and for the assessment of drinking water services)

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	plant, mechanical grate, and sand traps, leveling tanks, clarifiers, aeration tanks, aeration pumps, membrane filters, disinfection facilities, UV equipment, sand filters, bio-ponds, sludge treatment facilities, centrifuges, vacuum filters, filter presses, incineration facilities, water quality laboratory equipment, water measurement equipment;	Below Water: - 14.1; SDG 15 Life on Land: - 15.1						
5.1.5 Construction and operation of sewage collection and disposal facilities	Construction and operation of sewage collection and disposal facilities for urban and rural areas such as: waste water and sewage collection networks, storage, treatment facilities, processing facilities, disposal lines, disposal facilities, plants; and sludge treatment facilities, drinking	SDG 3 Good Health and Well-being: - 3.9; SDG 6 Clean Water and Sanitation: - 6.2; 6.3; SDG 11 Sustainable Cities and Communities:	1. Annual amount and proportion of sewage collected and treated (m3 and %) 2. Pollution reduction (pollution containment, mg/l) 3. Water pollution charges, annually (MNT)	1. Emission reduction? (tCO2e and %)	Access to eligible sanitation facilities  Ensure emissions to water are within the ranges set by national standard  Implement appropriate measures to avoid and mitigate combined	Ex-ante: Water audit/assessment report with impact targets Ex-post: Water audit/assessment report and/or annual wastewater treatment data Assessment standard/tool: MSFA emission/impact calculation tool, dynamic decline in annual water consumption report, annual water consumption data, water audit	2050 vision long term development policy New revival policy	ISO 24512 (Activities relating to drinking water and wastewater services — Guidelines for the management of drinking water utilities and for the assessment of drinking water services)



Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	water treatment, desalination plants, manure, slurry treatment facilities, water quality improvement, drinking water treatment and demineralization facilities, biogas production facilities, fertilizer plants, sedimentation facilities, equipment and sewage Quantitative and flow determination Parshal trays, smart water meters and measuring instruments	- 11.1, 11.3, 11.6; SDG 14 Life Below Water: - 14.1; SDG 15 Life on Land: - 15.1			sewer overflow in case of heavy rainfall			
5.1.6 Construction and operation of water metering and monitoring facilities	- Construction and operation of water metering facilities that detect leakage and measure revenue (charges for water), - Smart networks and digitalization for water monitoring, water quality or quantity monitoring, and measuring processes ;	SDG 6 Clean Water and Sanitation : - 6.4; SDG 11 Sustainable Cities and Communities: - 11.3; SDG 14 Life	1. Annual amount of water saved (m3 and %) 2. Annual cost savings from water metering and monitoring improvements (MNT)	1. Number of people who benefited from the improvement by gender (#)	fresh water resources and water consumption relation	Ex-ante: Baseline assessment Ex-post: Annual report Assessment standard/tool: MSFA emission/impact calculation tool baseline assessment, annual water use status assessment, report and monitoring	2050 vision long term development policy New revival policy	Wat 02 water monitoring- BREEAM

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	<ul style="list-style-type: none"> <li>- Operation, installation, and maintenance of water metering facilities, monitoring, and detection of water leakage,</li> <li>- Introduction of smart technology</li> </ul>	Below Water: - 14.2, 14.3; SDG 15 Life on Land: - 15.1						
5.1.7 Construction and operation of infrastructure for flooding and waterlogging control facilities	<ul style="list-style-type: none"> <li>- Construction and operation of water infrastructure for the purpose of flood and waterlogging control;</li> <li>- Flood protection, dam operation, services, facilities, groundwater monitoring, water level monitoring, digital data acquisition equipment, network, water level meter, wastewater monitoring software, network equipment, database processing instruments;</li> </ul>	SDG 3 Good Health and Well-being: - 3.3, 3.9, 3.d; SDG 6 Clean Water and Sanitation : - 6.4, 6.5, 6.6, 6.b; SDG 11 Sustainable Cities and Communities: - 11.1, 11.3, 11.5; SDG 14 Life Below Water: - 14.1, 14.2, 14.3; SDG 15 Life on Land:	1. Number of flood incidents (#) 2. Number of people negatively affected by flood incidents (#) 3. Economic loss from flood incidents (MNT)		master plan in case of flooding, plant of activities in case of flood disaster	Ex-ante: Flood incident baseline assessment Ex-post: Annual performance report Assessment standard/tool: MSFA emission/impact calculation tool, Basic information on flood disasters, Regular reports on flood disasters , Impact assessment software and information system	2050 vision long term development policy New revival policy	World Bank Group's Environment, Health and Safety (EHS) Guidelines, 2007. (b) Environmental, Health, and Safety Guidelines for Waste Management Facilities;

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
		- 15.1						
5.1.8 Construction and operation of water infrastructure for non-animal agricultural farmlands	- Construction of water infrastructure for non-animal agricultural farmlands, e.g. irrigation, water supply, drainage, sewage disposal, and flood control facilities; - Irrigation system, water consumption of irrigated agriculture, construction, operation, maintenance, service, flood protection measures, sewage disposal facilities;	SDG 3 Good Health and Well-being: - 3.9; SDG 6 Clean Water and Sanitation : - 6.4, 6.5, 6.6, 6.b; SDG 11 Sustainable Cities and Communities: - 11.5; SDG 14 Life Below Water: - 14.1, 14.2, 14.3; SDG 15 Life on Land: - 15.1	1. Area non-animal agricultural farmland with water supply and drainage coverage (m2) 2. Annual amount of water saved (m3 and %) 3. Annual cost savings (MNT) 4. Water consumption per product/unit (m3)		Percentage and dynamic quantity of water used for agriculture irrigation	Ex-ante: Ex-post: Assessment standard/tool: Development, operation and maintenance of water-efficient irrigation systems	2050 vision long term development policy New revival policy	World Bank Group's Environment, Health and Safety (EHS) Guidelines, 2007. (b) Environmental, Health, and Safety Guidelines for Waste Management Facilities;
<b>5.2 WASTE</b>								
5.2.1 Collection and transportation of organic	Introduce cost-effective technology with machines, equipment and	SDG 3 Good Health and Well-being:	1. Percentage/amount of properly collected/transported industrial waste for recycling facility (tn)	1. Number of people negatively affected by industrial waste by gender	Compliance with BAT directory (BREF) in terms of	Ex-ante: Baseline assessment/waste audit Ex-post: Annual report Assessment standard/tool: MSFA	Waste law	Waste Law

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
waste from slaughterhouses and meat processing plants	waste bins for the collection and transportation of organic waste from slaughterhouses and meat processing plants without any negative impact on the environment	- 3.9; Goal 6: Ensure availability and sustainable management of water and sanitation for all - 6.3 SDG 8 Decent Work and Economic Growth: - 8.2;		2. Reduced greenhouse gas emissions from waste collection and transportation 3. Affordability of waste transportation fee	waste management and by-products, especially hazardous industrial waste  Emissions to air and water are within the BAT-AELs level of associated emissions, set in then BAT (BREF) for anaerobic waste treatment (if applicable)	emission/impact calculation tool Feasibility Assessment Report, Detailed Environmental Impact Assessment Report, Environmental Management Plan		
5.2.2 Recycling and reuse of organic waste from slaughterhouses and meat processing plants	Recycling and reusing of organic waste from slaughterhouses and meat processing plants, production of compost fertilizers, or production of biofuels and gas	SDG 3 Good Health and Well-being: - 3.9; Goal 6: Ensure availability and sustainable management of water and sanitation for all - 6.3	1. Percentage of properly transported industrial waste 2. Reduction of organic waste from slaughterhouses and meat processing plants from centralized and open dumping 3. Reduced greenhouse gas emissions from centralized and open dumping and organic waste from meat processing plants 4. Volume of waste properly recycled (tn)		the organic waste is source segregated and collected separately;	Ex-ante: Baseline assessment/waste audit Ex-post: Annual report Assessment standard/tool: Feasibility Assessment Report, Detailed Environmental Impact Assessment Report, Environmental Management Plan	waste law	waste law

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
		SDG 8 Decent Work and Economic Growth: - 8.2;						
5.2.3 Sorting and processing of construction waste	Import, purchase, and maintenance and assembly services of sorting and processing machines of construction waste	SDG 6 Clean Water and Sanitation : - 6.3, 6.6; SDG 9 Industry, Innovation and Infrastructure: - 9.4; SDG 12 Responsible Consumption and Production: - 12.4, 12.5; SDG 13 Climate Action: - 13.1; SDG 15 Life on Land: - 15.1	1. Percentage/amount of properly sorted/recycled/recovered construction waste 2. Emission reduction (tCO2) 3. Reduction of construction waste disposed of at the central landfill and dumped in the open (tn)			Ex-ante: Baseline assessment/waste audit Ex-post: Annual report Assessment standard/tool: MSFA emission/impact calculation tool Feasibility Assessment Report, Detailed Environmental Impact Assessment Report, Environmental Management Plan	Law on Waste	Law on Waste Construction Waste Cleaning, Collection, Sorting, Transportation, Recycling, Reuse, Disposal, and Burial Procedures
5.2.4 Recovery, reuse, and recycling of	Renovation, reuse and recycling of materials (metals, plastics, glass,	SDG 6 Clean Water and	1. The amount of waste that has been properly and environmentally friendly		consider Material recovery from	Ex-ante: Baseline assessment/waste audit Ex-post: Annual report	waste law	waste law

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
industrial, commercial, and household waste	paper, electrical goods), production, trade and services. Supply and production of waste recycling and recovering equipment	Sanitation : - 6.3, 6.6; SDG 9 Industry, Innovation and Infrastructure: - 9.4; SDG 12 Responsible Consumption and Production: - 12.4, 12.5; SDG 13 Climate Action: - 13.1; SDG 15 Life on Land: - 15.1	recycled, re-used, and recovered (tn) 2. Cost savings (MNT) 3. Estimates to reduce greenhouse gasses from recycled, re-used and recovered waste (%) 4. Number of green jobs newly created (#)		separately collected non-hazardous waste is eligible provided that: •it produces secondary raw materials suitable for substitution of virgin materials in production processes; •at least 50%, in terms of weight, of the processed separately collected non-hazardous waste is converted into secondary raw materials.	Assessment standard/tool: MSFA emission/impact calculation tool Feasibility Assessment Report, Detailed Environmental Impact Assessment Report, Environmental Management Plan		
5.2.5 Disassembly, sorting and recycling of decommissioned vehicles	Disassembly, sorting, recycling equipment supply and production of decommissioned vehicles	SDG 6 Clean Water and Sanitation : - 6.3, 6.6; SDG 9 Industry, Innovation	1. Properly collected and disassembled vehicle waste parts (tn) 2. Reduced greenhouse gas emissions (%)			Technical and economic evaluation report, detailed environmental impact assessment report, environmental management plan, technical description and certificate of supplied products and equipment	waste law	waste law

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
		n and Infrastructure: - 9.4; SDG 12 Responsible Consumption and Production: - 12.4, 12.5; SDG 13 Climate Action: - 13.1;						
5.2.6 Collection and transportation of industrial, commercial, and household waste	Supply of waste bins and bags for waste sorting at the source, supply of machinery and equipment for waste sorting and transportation at the source, provision of waste collection and transportation services	SDG 6 Clean Water and Sanitation : - 6.3, 6.6; SDG 8 Decent Work and Economic Growth: 8.4 SDG 9 Industry, Innovation and Infrastructure: - 9.4; SDG 12 Responsible Consumption and	1. Number and percentage of households that were sorted, collected and transported by source, 2. Waste collection and transportation efficiency (compared to previous year) 3. Estimates and amounts to reduce greenhouse gas emissions, 4. Percentage of environmentally friendly, electric and hybrid vehicles in transportation service 5. Frequency and schedule of waste segregation, collection and transportation 6. Coverage of poor households and female-headed households		source segregated waste is separately collected with the aim of preparing for reuse and/or recycling.	technical and economic evaluation report, detailed environmental impact assessment report, environmental management plan, technical description and certificate of supplied products and equipment	Waste Law General requirements for the transportation of household waste (MNS 5344:2011) Requirements for the technical condition of motor vehicles (MNS 4598:2011) Motor vehicle technical service and repair systems and specifications (MNS 4601:2011)	Waste Law General requirements for the transportation of household waste (MNS 5344:2011) Requirements for the technical condition of motor vehicles (MNS 4598:2011) Motor vehicle technical service and repair systems and specifications (MNS 4601:2011)

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
		Production: - 12.4; SDG 15 Life on Land: - 15.1						
5.2.7 Waste sorting plants	Waste sorting equipment, industrial buildings, for the purpose of reuse and recycling	SDG 6 Clean Water and Sanitation : - 6.3, 6.6; SDG 8 Decent Work and Economic Growth: 8.2 SDG 12 Responsible Consumption and Production: - 12.4; SDG 15 Life on Land: - 15.1	1. Amount of waste to be sorted 2. Reduction of waste to be disposed of at the centralized site 3. Greenhouse gas reduction calculations 4. Number of beneficiaries by gender			Ex-ante: Baseline assessment/waste audit Ex-post: Annual report Assessment standard/tool: MS Technical and economic evaluation report, detailed environmental impact assessment report, environmental management plan, technical description of supplied products and equipment, certificate FA emission/impact calculation tool	waste law	
5.2.8 Collection and transportation of industrial, commercial, and household	Supply of special purpose machines and mechanisms for sorting and storage of hazardous waste at the source, storage, collection and	SDG 6 Clean Water and Sanitation : - 6.3, 6.6; SDG 8 Decent Work and	1. Percentage and proportion of hazardous waste that is properly classified, stored, collected, and transported without adversely affecting the environment and human health		Should be conducted by a licensed company (licenses are issued by MET)	Ex-ante: Baseline assessment/waste audit (amount of waste generated, percentage hazardous, percentage recycled Ex-post: Annual report Assessment standard/tool:	Law on Waste, Resolution No. 116 of 05.02.2018 of the Government of Mongolia	Law on Waste, Resolution No. 116 of 05.02.2018 of the Government of Mongolia



Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
hazardous waste (including E-waste)	transportation, provision of services for storage, collection and transportation of hazardous waste	Economic Growth: 8.4 SDG 9 Industry, Innovation and Infrastructure: - 9.4; SDG 12 Responsible Consumption and Production: - 12.4; SDG 15 Life on Land: - 15.1	2. Reduction of greenhouse gas emissions from hazardous waste			Technical and economic assessment report, detailed environmental impact assessment report, environmental management plan, technical description and certificate of supplied products and equipment		
5.2.9 Recovery, reuse, and recycling of industrial, commercial and household hazardous waste (including E-waste)	Recycling and recovering of hazardous waste, incineration in an environmentally friendly manner, supply of equipment and production	SDG 6 Clean Water and Sanitation : - 6.3, 6.6; SDG 9 Industry, Innovation and Infrastructure: - 9.4; SDG 12 Responsible Consumption and	1. The amount of hazardous waste recycled and reused properly and in compliant with the standards 2. Beneficiaries, by gender 3. Amount and calculation of GHG reduction from hazardous waste		The hazardous waste should be defined in the national list.	Technical and economic assessment report, detailed environmental impact assessment report, environmental management pain, technical description and certificate of supplied products and equipment	Law on Waste, Resolution No. 116 of 05.02.2018 of the Government of Mongolia	Law on Waste, Resolution No. 116 of 05.02.2018 of the Government of Mongolia

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
		Production: - 12.4, 12.5; SDG 13 Climate Action: - 13.1; SDG 15 Life on Land: - 15.1						
5.2.10 Collection and transportation of medical waste	Supply of special purpose machines and mechanisms for sorting and storage of medical waste at the source, storage, collection and transportation of hazardous medical waste, providing services for storage, collection and transportation of medical waste	SDG 6 Clean Water and Sanitation : - 6.6; SDG 12 Responsible Consumption and Production: - 12.4;	1. The amount of medical waste that has been properly collected and transported by a licensed company 2. Estimates to reduce greenhouse gas emissions from medical waste		The medical waste should be defined in the national list.	Ex-ante: Baseline assessment/waste audit Ex-post: Annual report Assessment standard/tool: technical and economic assessment report, detailed environmental impact assessment report, environmental management plan, technical description of supplied products and equipment, certificate	waste law	waste law
5.2.11 Recovery, reuse, recycling and disposal of medical waste	Supply and production of medical waste recycling, reuse, environmentally friendly incineration and disinfection equipment	SDG 6 Clean Water and Sanitation : - 6.6; SDG 12 Responsible Consumption and	1. The amount of medical waste that has been properly recycled and disposed by a licensed company 2. Estimates to reduce greenhouse gas emissions from medical wastes		The medical waste should be defined in the national list.	Technical and economic assessment report, detailed environmental impact assessment report, environmental management plan, technical description and certificate of supplied products and equipment	waste law	waste law

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
		Production: - 12.4;						
5.2.12 Collection, transportation and disposal of waste from latrines and septic tanks	Supply of machinery and equipment for suction, collection and transportation of wastewater, environmentally friendly and improved toilets	SDG 6 Clean Water and Sanitation : - 6.3, 6.6;	1. Amount of liquid waste collected and transported, m <sup>3</sup> 2. Number of beneficiaries 3. Number and size of pit latrines replaced by improved latrines (toilet)			Ex-ante: Baseline assessment/waste audit Ex-post: Annual report Assessment standard/tool: technical and economic assessment report, detailed environmental impact assessment report, environmental management plan, technical description of supplied products and equipment, certificate	Law of Sanitation and Drainage	Law of Sanitation and Drainage
5.2.13 Sanitation vehicles and equipment procurement, urban and rural road sweeping, guardrail cleaning	Sale, import and maintenance of low-emission, electric and hybrid cleaning machines and equipment	SDG 3 Good Health and Well-being: - 3.9; Goal 6: Ensure availability and sustainable management of water and sanitation for all - 6.3 SDG 8 Decent Work and Economic Growth: - 8.2	1. Number of machines and equipment for cleaning the urban environment (#) 2. The size of the road area that has been cleared and maintained, m <sup>2</sup> 3. Cleaned and maintained sidewalk area / size 4. Beneficiaries, by gender			Ex-ante: Baseline assessment/waste audit Ex-post: Annual report Assessment standard/tool: technical and economic assessment report, detailed environmental impact assessment report, environmental management plan, technical description of supplied products and equipment, certificate	Law on waste General requirements for the transportation of household waste (MNS 5344:2011) Requirements for the technical condition of motor vehicles (MNS 4598:2011) Motor vehicle technical service and repair systems and specifications (MNS 4601:2011)	Law on waste General requirements for the transportation of household waste (MNS 5344:2011) Requirements for the technical condition of motor vehicles (MNS 4598:2011) Motor vehicle technical service and repair systems and specifications (MNS 4601:2011)

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
5.2.14 Support activities for reducing waste at sources	Education and training activities, technical assistance and consulting services	SDG 9 Industry, Innovation and Infrastructure: - 9.4; SDG 12 Responsible Consumption and Production: - 12.4, 12.5, 12.8; SDG 13 Climate Action: - 13.1; SDG 15 Life on Land: - 15.1	1. Increase and decrease in knowledge related to waste reduction 2. Beneficiaries (#) 3. Number of people/entities introduced waste management practices after training (#)			Ex-ante: Baseline assessment Ex-post: Annual report Assessment standard/tool:	waste law	
5.2.15 Composting facilities	Production, service and trade of organic fertilizers for industrial and household use, replacing synthetic fertilizers and peat	SDG 6 Clean Water and Sanitation: - 6.6; SDG 12 Responsible Consumption and Production: - 12.4;	1. Amount of waste used in composting 2. Amount of compost produced 3. Emission reduction	Production of standard and qualified fertilizers	Manufacture of compost fertilizers that meet standards and requirements	Ex-ante: Baseline assessment Ex-post: Annual report Assessment standard/tool: technical and economic assessment report, detailed environmental impact assessment report, environmental management plan, technical description of supplied products and equipment, certificate	Waste Law, MNS 6507:2015 Compost, Specifications	Waste Law, MNS 6507:2015 Compost, Specifications

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/C riteria/Exclus ion	Mean of Verification	Relevant national and industry regulations*/ policies/standards	Relevant international standards
<b>5.3 REHABILITATION OF OLD AND USED WASTE DISPOSAL SITES</b>								
5.3.1 Methane collection, power and heat generation from old and existing waste disposal sites	Collection of methane gas from central waste disposal site, supply and production of power and heat generation equipment	SDG 6 Clean Water and Sanitation : - 6.3a SDG 13 Climate Action: - 13.1	1. The amount of methane gas extracted from the central point 2. GHG reduction rate 3 Amount of energy and heat produced		Material recovery from separately collected non- hazardous waste is eligible provided that: • it produces secondary raw materials suitable for substitution of virgin materials in production processes; • at least 50%, in terms of weight, of the processed separately collected non- hazardous waste is converted into secondary raw materials.	Ex-ante: Baseline assessment Ex-post: Annual report Assessment standard/tool: technical and economic assessment report, detailed environmental impact assessment report, environmental management plan, technical description of supplied products and equipment, certificate	waste law	
<b>5.4 E-WASTE</b>								

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
5.4.1. Collecting, containing, transporting, reusing, recycling, disposing, and exporting E-Wastes	Procurement and service of special equipment required for collection, storage, transportation, reuse, recycling, export and disposal of various electronic and electrical goods and equipment waste	SDG 6 Clean Water and Sanitation : - 6.3, 6.6; SDG 9 Industry, Innovation and Infrastructure: - 9.4; SDG 12 Responsible Consumption and Production: - 12.4, 12.5; SDG 15 Life on Land: - 15.1	1. The amount of e-waste collected, reused, reused, exported and properly disposed of, tons 2. Reduced greenhouse gas emissions 3. Reduction of potential adverse effects		Should have a license			
<b>5.5 MINING WASTE</b>								
5.5.1. Collecting, containing, transporting, reusing, recycling, disposing, and exporting mining wastes	Used motor oil, waste lead accumulators, lead accumulators, chemical packaging, special chemical liquids, heavy machinery tires collection, storage, transportation,	SDG 6 Clean Water and Sanitation : - 6.3, 6.6; SDG 9 Industry, Innovation and Infrastructure:	1. Amount of mining waste collected, stored, transported, reused, recycled, exported, destroyed and buried, tons 2. Prevented dumping / Amount of exported mining waste					

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	reuse, recycling, export, destruction, burial - Licensed enterprise	- 9.4; SDG 12 Responsible Consumption and Production: - 12.4, 12.5; SDG 15 Life on Land: - 15.1						

## 6. SUSTAINABLE AGRICULTURE

### 6.1 ANIMAL HUSBANDRY AND RELATED ACTIVITIES

6.1.1 Nomadic and semi nomadic herding	Application of code of practices or standards, including animal health and welfare standards for sustainable/organic/regenerative nomadic herding practice to sustainably manage pasture land (maintaining a balance between number of livestock and ecological carrying capacity of rangelands), reduce livestock number or herd sizes and improving	2.1, 2.2, 2.3, 2.4 15.1	1. Increase or stability in rangeland health condition from baseline or annual basis (1 healthy - 5 desertified) 2. Decrease or stability in livestock number from baseline year or annual basis in accordance with herd management planning to adjust livestock number with the rangeland carrying capacity (# and %)	3. Proper ratio between reproductive female and sire in the herd	Avoid or reduce GHG emissions through the application of appropriate livestock management practices, as mentioned below.  1. Adopted or agreed to adopt for for sustainable management of shared rangelands 2. Registered to or obtained a certificate on	Ex-ante: 1. Signed rangeland use agreement with soum governor that stated about for sustainable management of shared rangelands 2. For the electronic traceability system of the Responsible Nomads MNS 6891: QR code obtained upon registration, certification protocol with the signature of auditors, results report and score released from electronic traceability system, and certificate issued as a responsible herder household. 3. Official letter or reference from Soum	Land Law Livestock Tax Law. Natural Plants Act Environmental Protection Law Law on Zoning Management and Coordination Land Payment Act Law of Torts Law on Land Ownership to MU Citizens Forest Law Law on Environmental Zones of Specially Protected Areas Law on Specially Protected Areas Plant Protection Act	
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Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/C riteria/Exclus ion	Mean of Verification	Relevant national and industry regulations*/ policies/standards	Relevant international standards
	productivity and quality of livestock				sustainable livestock management practice standards with an acceptable score. Such as, the electronic traceability system of "Responsible Nomads" Standard for Sustainable Nomadic Livestock Production Practices MNS 6891 with a minimum score of 60. 3. Adopted medium and long-term herd management planning to adjust livestock numbers with the carrying capacity of rangelands (Adopted annual livestock destocking plan)	Breeding Specialist who verified medium and long-term herd management plan  Ex-post: 1. Rangeland's health condition assessment and endorsement report retrieved from the electronic traceability system database of the Responsible Nomads MNS 6891 (Herder can retrieve or bank can create an account) 2. Livestock number obtained from Annual livestock census record (А Данс) 3. Proper ratio between reproductive female and sire in the herd data can be retrieved from the electronic traceability system database of the Responsible Nomads MNS 6891. Responsible Nomads MNS 6891 standard is for Sustainable Nomadic Livestock Production Practices is approved in Feb 2020 by State Agency for Standardization and Meteorology has 6 groups of indicators: rangeland health, animal health, animal welfare, responsibility of a herder	Regulations on Responsible Use of Pasture (2018)	



Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
						households, raw material quality and environmental stewardship. There are over 20 indicators to monitor herders' responsibility. National Federation of Pasture User Groups of Herders is given a license by the State Accreditation Authority to certify the fulfillment of MNS 6891 standard by herder households. Certifications is made with 2 steps. First step is done by herder households themselves after getting registered in electronic traceability system of the Standard and second or validation certification is made by trained and licensed auditors of the National Federation of Pasture User Groups of Herders. With registration in the electronic traceability system, baseline is created for each herder households and database to monitor progressive change or history of herder households over the time.		
6.1.2 Intensive farming	Intensive livestock herding or farming activities on	2.1, 2.2, 2.3, 2.4 15.1	1. Only for meat farming: Increase in its scoring of Responsible Nomads	4. Number of livestock has remained stable over the loan period	To use the appropriate threshold depending on	Ex-ante: 1. Registered and obtained Certificate of Responsible Nomads	Law on Organic Foods (2016)	The US Department of Agriculture NOP regulations for

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	reducing the number of livestock through increasing output per head of livestock by purchasing high-productivity livestock breeds, creating workplaces in rural areas to reduce migration to the capital city or center of the province.		<p>standard MNS 6891 from the baseline year</p> <p>2. Increase in productivity/output per head of livestock from the baseline year or the normal productivity threshold (Daily milk productivity is not less than 20 liters, young cattle - 2 years old live weight over 200kgs, adult cattle live weight above 500 kgs, lamb not less than 40kg, adult sheep above 70kgs)</p> <p>3. Increased inclusiveness in the employees/contractors from the baseline year or over the loan period (reports gender-disaggregated data, or gender ratio, employment of people with disabilities is in line with regulation)</p>	<p>5.If haymaking and forage planting is performed internally, to keep normal or improved soil humus level/range or/and prevention of soil compaction over the loan period or from baseline year (frequency and timing of field operations should be planned to avoid traffic on wet soil; tillage operation should be avoided, aka zero-tillage or strongly reduced on wet soils; stock density should be reduced to avoid compaction, especially on wet soils)</p>	<p>the type of business and use of proceeds:</p> <p>1. Only for meat farming: Registered in the electronic traceability system of the Responsible Nomads standard MNS 6891 and certified as a Responsible farm with not less than an overall score of 70</p> <p>2. Developed a plan to replace livestock with high-productivity livestock breeds and its expected impact report</p> <p>3. Additional: Forage consumed by livestock has positive effects on reducing methane discharge</p>	<p>standard MNS 6891 (Certificate, protocol of certification process, signature by licensed auditors, report released from traceability system, and explanation of the scoring)</p> <p>2. Plan and impact report including respective reference of high productivity breeds</p> <p>3. Purchase contract and specification of forage stating its impact on the methane discharge</p> <p>Ex-post:</p> <p>1. Recording and references on product quality, report of laboratory analysis, references of high productivity breeds of livestock kept.</p> <p>2. Productivity indicators and measurements calculated by the borrower, based on the headcount and weight record and daily production record etc</p> <p>3. Gender and disability employment data to be validated from social health insurance reports or payroll/HR reports prepared by the borrower</p> <p>4. Livestock number obtained from Annual livestock census record (А Данс)</p>	<p>Law Food Safety (2012) and Law on Food (2012); Law on crop (2015); Regulations followed by the above-mentioned laws; "Population Nutrition" national program (2016-2025)</p>	<p>production, handling and labelling standards for organic agricultural products.</p> <ul style="list-style-type: none"> <li>• The EU Council Regulation (EC) No. 834/2007 of June 2007 on organic production and labelling of organic products and repealing Regulation (EEC) No. 2092/91 and its detailed rules for implementation</li> <li>• The Japanese Japanese Agriculture Standard (JAS) for FAO/WHO Codex Alimentarius guidelines for organic plant production and processing of 2001 organic plants and organic processed foods.</li> <li>IBS and Accreditation Criteria (the IFOAM Norms for Organic Production and Processing)</li> </ul>

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
						5. Paper/scanned result of soil testing & conclusion/recommendation report		
<b>6.2 AGRICULTURE CROP, FRUIT AND VEGETABLE FARMING</b>								
6.2.1 Sustainable fruits and vegetables production	Activities that boost local fruits and vegetable (including potato) production and support the plant-derived food supply index of the country, taking into consideration of climate change, biodiversity loss, environmental ecosystem avoiding destruction and depletion of natural resources; avoiding or minimizing uncontrolled or improper/excessive usage of pesticides, fertilizers, and plastics; organic agriculture; Activities that help to reduce GHG emissions and nutrients runoff, activities that improve the agricultural	2.1, 2.2, 2.3, 2.4 15.1	To measure the impact by at least 1-2 below-mentioned indicators: 1. To keep normal or improved soil humus level/range or/and prevention of soil compaction from the baseline year or over the loan period (frequency and timing of field operations should be planned to avoid traffic on wet soil; tillage operation should be avoided or strongly reduced on wet soils; stock density should be reduced to avoid compaction, especially on wet soils); 2. increase in the number of products of GAP or organic certified production from the baseline year or over the loan period 3. (a) increase in proportion of agricultural land with green fertilizer or non-chemical pesticide use or (b) decrease in volume of chemical fertilizer avoided or (c) increase in efficiency in the use of fertilizers	Avoid or reduce greenhouse gas emissions by implementing appropriate management practices as described below. 1. Have soil humus levels tested by a certified laboratory, adhere to the opinions/recommendations written by soil experts, and undertake to improve soil humus levels during the loan period. 2. Compliant with Good Practice Standards or contracted or certified by an organic certification body 3. Crops are rotated and records are kept 4. Employ an agronomist in accordance with the Law on Agriculture	Avoid or reduce GHG emissions through the application of appropriate management practices, as mentioned below.  1. Soil humus level tested by validated lab and conclusion/recommendation written by soil specialists to be followed and obliged to improve soil humus level during the loan period. 2. Contracted with a verification agency for GAP or organic certification	Ex-ante: 1. Paper/scanned result of soil testing & conclusion/recommendation report 2. For fruits or vegetable farming: Contract or Certificate for Good Agricultural Practice issued by a third-party verification body; For organic farming: Contract or Certificate for an organic product certificate issued by Participatory Guarantee Organization (PGO) or by a third-party verification body and be registered with www.organic.mofa.gov.mn 3. Record keeping section that proves a crop rotation - validated letter by the local agricultural department agronomist. In the future, it will be accessible from the Plant Origin System (www.plant.mofa.gov.mn - under development) or Agrolly/Finy app 5. Employment contract with agronomist or social	Law on Organic Foods (2016) Law Food Safety (2012) and Law on Food (2012); Law on crop (2015); Regulations followed by the above-mentioned laws; "Population Nutrition" (2016-2025)	The US Department of Agriculture NOP regulations for production, handling and labelling standards for organic agricultural products. • The EU Council Regulation (EC) No. 834/2007 of June 2007 on organic production and labelling of organic products and repealing Regulation (EEC) No. 2092/91 and its detailed rules for implementation • The Japanese Japanese Agriculture Standard (JAS) for FAO/WHO Codex Alimentarius guidelines for organic plant production and processing of 2001 organic plants and organic processed foods. IBS and Accreditation Criteria (the IFOAM Norms for Organic Production and Processing)

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	<p>production efficiency of small and family farmers, producers, cooperatives and SMEs.</p> <p>Definition: Sustainable farming prioritizes societal wellbeing by fairly compensating food system workers and empowering farming communities.</p>		<p>and/or pesticides to minimize the use from the baseline year or over the loan period</p> <p>4. Increase in resource efficiency rate or decrease in amount of resources per output (water, energy, raw material etc.) from the baseline year or over the loan period</p> <p>5. Increased inclusiveness in the employees/contractors from the baseline year or over the loan period (reports gender-disaggregated data, or gender ratio, employment of people with disabilities is in line with regulation)</p> <p>6. Reduced amount of post-harvest loss from the baseline year or over the loan period</p>		<p>or already certified</p> <p>3. Crop farmings are rotated, and record kept</p> <p>4. Employment of agronomist as required by Crop law</p>	<p>health insurance report validate the employment of agronomist</p> <p>Ex-post:</p> <ol style="list-style-type: none"> <li>1. Same as ex-ante</li> <li>2. GAP or organic auditor's annual follow-up assessment report and certification</li> <li>3. Letter obtained from the local agricultural department agronomist or the pesticide usage log/registration papers, if any</li> <li>4. Technical certificate of the resource-efficient machinery</li> <li>5. Gender and disability employment data to be validated from social health insurance reports</li> </ol> <p>Additional: Entity's report for taking action on impact indicators</p>		
6.2.2 Sustainable cereal, forage crop production	Farming activities that support domestic production of grain, fodder for livestock, and potato and support the sustainable food supply of the country taking into consideration of climate change, biodiversity loss, environmental	2.1, 2.2, 2.3, 2.4 15.1	To measure the impact by at least 3 below-mentioned indicators: 1. To keep normal soil humus level/range or/and prevention of soil compaction from the baseline year or over the loan period (frequency and timing of field operations should be planned to avoid traffic on wet soil; tillage operation should be avoided or strongly reduced on wet	5. Increase in proportion of renewable energy (wind or solar panel) in total energy consumption	Avoid or reduce GHG emissions through the application of appropriate management practices (improved soil health and soil productivity), as mentioned below.	Ex-ante: 1. Review paper/scanned result of soil testing & conclusion/recommendation report (legally obliged to test per 3 or 5 years and can be performed with certain fee by laboratories) 2. Receipt of purchase of organic fertilizers and the fertilizer log document		

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/C riteria/Exclus ion	Mean of Verification	Relevant national and industry regulations*/ policies/standards	Relevant international standards
	<p>ecosystem avoiding destruction and depletion of natural resources; avoiding or minimizing uncontrolled or improper/excessive usage of pesticides, fertilizers and plastics; Activities that help to reduce GHG emissions and nutrients runoff, activities that improve the agricultural production efficiency of medium and large sized entity's farming on least 500 hectares of land.</p> <p>Definition: Sustainable farming prioritizes societal well-being by fairly compensating food system workers and empowering farming communities.</p>		<p>soils; stock density should be reduced to avoid compaction, especially on wet soils)</p> <p>2. (a) increase in proportion of agricultural land with green fertilizer or non-chemical pesticide use or (b) decrease in volume of chemical fertilizer avoided or (c) increase in efficiency in the use of fertilizers and/or pesticides to minimize the use from the baseline year or over the loan period</p> <p>3. Increase in resource efficiency rate or decrease in amount of resources per output (water, energy, raw material etc.) from the baseline year or over the loan period</p> <p>4. Increased inclusiveness in the employees/contractors from the baseline year or over the loan period (reports gender-disaggregated data, or gender ratio, employment of people with disabilities is in line with regulation)</p>		<p>1. Soil humus level tested by the laboratory and conclusion/recommendation written by soil specialists to be followed and obliged to improve soil humus level during the loan period.</p> <p>2. At least 60% of total fertilizer should be bio or organic fertilizer and non-chemical pesticide except organic production;</p> <p>3. Crop farmings are rotated and record kept</p> <p>4. Employment of agronomist as required by Crop law</p>	<p>3. Record keeping section that proves a crop rotation - validated letter by the local agricultural department agronomist. In the future, it will be accessible from the Plant Origin System (www.plant.mofa.gov.mn - under development) or Agrolly/Finy app</p> <p>4. Labor contract with an agronomist or validate from the Social Health Insurance report</p> <p>Ex-post:</p> <p>1. Same as ex-ante</p> <p>2. Same as ex-ante</p> <p>3. Technical certificate of the resource-efficient machinery</p> <p>4. Gender and disability employment data to be validated from social health insurance reports</p> <p>Additional: Entity's report for taking action on impact indicators</p>		

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
6.2.3 Seed industry	Activities that maintain existing seeds and cultivation process; the vegetable seeds and domestication of new seed varieties (seed and plant banks) that minimize adverse environmental impacts on the broader ecosystem, including seeds that are high-yield, stress-resistant, and high efficiency; seeds that are better adapted to the natural conditions such as drought, hot and cold in poverty-stricken areas	2.4, 2.5 13.1 15.5	1. Increase in seed production of domestically adopted variety or resilient to drought, heat, flood, pests, or soil with increased salinity or high yield variety from the baseline year or over the loan period	2. Increase in the number of domesticated seeds varieties that is resistance to droughts and pesticides from the baseline year or over the loan period (нэмэгдүүлсэн ба нутагшуулсан цөлжилт, хуурай орчинд тэсвэртэй сорт, шинэ таримал)	1. The type of the seed variety should be included and tested on the national variety listing from MOFALI (under development)  2. Seed quality and feature, such as resilient to drought, heat, flood, pests, or soil with increased salinity or high yield variety is certified by MOFALI or seed specification certificate from imported country producer/verifier	Ex-ante: 1. The national variety listing list from the MOFALI website (under development) 2. Seed quality certificate issued by MoFALI based on field inspection test result and laboratory test along with conclusion written by seed inspector; report on current seed/plant variety and its climate adaptive features, if the imported seed, review of seed specification certificate.  Ex-post: 1. Approval letter from the MOFALI on increasing the seed domestication 2. The domestication test result and the laboratory test result on the soil after harvesting seeds(pilot should be at least three years long)	Law on seed and variety of plants; The OECD Seed Schemes INSR, First International Principles and Standards for Native Seeds in Ecological Restoration national standards on seed quality	The OECD Seed Schemes INSR, First International Principles and Standards for Native Seeds in Ecological Restoration
6.2.4 Green/organic fertilizer or and non-chemical	The production of fertilizer, fertilization and pesticides technologies, use and recycling of	2.4, 2.5 3.9 13.1 15.5	To measure the impact by at least 1-2 of the below-mentioned indicators:  1. The increase in the percentage/weight of		1. Produces the organic or non-chemical fertilizer and pesticides	Ex-ante: 1. The supporting documentation that proves the organic fertilizer or non-chemical pesticides production,	EnCert Organic Standards: June 2007 Australian Certified Organic Standard 2019 IOBC / WPRS Commission on “IP-	EnCert Organic Standards: June 2007 Australian Certified Organic Standard 2019 IOBC / WPRS Commission on “IP-

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
pesticides production	livestock and poultry manure, agricultural waste, industrial waste, municipal sludge, and organic fertilizers that don't harm the ecosystem and protect biodiversity. (Not chemical fertilizer or pesticides)		locally sourced raw materials or amount of organic waste recycled as raw material from the baseline year or over the loan period 2. Increase in resource efficiency rate or decrease in amount of resources per output (water, energy, raw material etc.) from the baseline year or over the loan period 3. Amount of organic fertilizer and/or non-chemical pesticides sold from the baseline year or over the loan period			such as laboratory results or relevant certification issued by a third party or certification on compliance with relevant organic production standards Ex-post: 1. Procurement log from Ebarimt tax system to validate locally sourced raw materials or summarized production input log/recordkeeping 2. Company's impact report on resource efficiency data compared with BAU or the technology assessment report that shows resource efficiency data and metrics 3. Sales log from Ebarimt tax system Ebarimt for sales data or other sales reports prepared by the organization	Guidelines and Endorsement"	Guidelines and Endorsement"
<b>6.3 SUSTAINABLE FOOD PROCESSING AND MANUFACTURING</b>								
6.3.1 Sustainable food processing & manufacturing	Food processing methods that ensure food safety, and operation of food processing facilities in an ecological way (for example,	2.1, 2.2, 2.3, 2.4 12.1	1. Shown improvement in impact performance on environmental and social aspects from the baseline year or over the loan period 2. The increase in percentage of raw materials locally supplied or GAP/Organic certified	4. Decrease in the number of accidents in food processing plants from the baseline year or over the loan period 5. Amount of waste decreased - food waste and/or other waste from the baseline year or over the loan period	Avoid or reduce GHG emissions through the application of appropriate management practices, as mentioned below.	Ex-ante: 1. Contract made or letter reference by the certification body if the organization is in transitional phase or obtained respective labels/certifications/compliance report	Government policy on food and agriculture (2015)	IFS Food Standard ICS 67.020 ISO 22000

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	<p>energy, water and waste efficiency)</p> <p>Sustainable production - Sustainable food production aims to eliminate industrial food production's negative impacts by maintaining a high standard of environmental and social responsibility throughout the food supply chain. Sustainable methods maintain and regenerate agroecosystems, avoid toxins that damage human and environmental health, and respect planetary boundaries.</p>		<p>from the baseline year or over the loan period</p> <p>3. Increased inclusiveness in the employees/contractors from the baseline year or over the loan period (reports gender-disaggregated data, or gender ratio, employment of people with disabilities is in line with regulation)</p>		<p>1. In a transitional phase, ongoing or launched below certifications</p> <p>GMP, GHP, HACCP or ISO 14001</p> <p>Environmental management, ISO9001 or ISO 22000</p> <p>Food safety</p> <p>Certified organic by local and international standards or Verified or certified by the third party on the well-known eco-labeling or sustainable producer/processor certification</p> <p>2. At least 30% of raw material supply from a</p>	<p>2. Purchase receipt of raw materials supplied with GAP of Organic certification</p> <p>Data collection: Validated inspection agency list (<a href="https://www.mnas.gov.mn/?fbclid=IwAR1nIB2HtFdEYkw73bw6SDEQx7j0YYfy29maCPHhHCfY5m1RHSrpOncd2Xk">https://www.mnas.gov.mn/?fbclid=IwAR1nIB2HtFdEYkw73bw6SDEQx7j0YYfy29maCPHhHCfY5m1RHSrpOncd2Xk</a>)</p> <p>Ex-post:</p> <ol style="list-style-type: none"> <li>1. Entity's impact report for taking action on E&amp;S aspects or the latest follow-up report of the verification body/agency</li> <li>2. Purchase receipt for locally grown raw material supplies</li> <li>3. Gender and disability employment data to be validated from social health insurance reports</li> <li>4. Plan and management report on HSE training</li> <li>5. Contract with waste collector and waste log</li> </ol> <p>Assessment standard/tool: MSFA's ESG risk assessment tool</p>		



Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
					GAP-certified or organic-certified vendor  Additional: Compliance certificate must have on each product			
<b>6.4 OTHER AGRICULTURAL SUPPORT SERVICES</b>								
6.4.1 Organic (healthy), green wholesale and retail, restaurants	Retail/wholesale stores and restaurants (e.g. vegetarian and healthy food-oriented supermarkets, local growers markets, organic restaurants, food exchanges) that provide local/nearby access to fresh, organic products by adopting practices that improve efficiency of the retail network of agricultural products to enhance the accessibility of food, reduce food waste, reduce energy use, land and water	2.4, 2.b 12.2, 12.3, 12.5	1. Increase in sustainably sourced raw materials and/or inventory (local organic/GAP certified products/raw materials/packages) from the baseline year or over the loan period 2. Amount of waste decreased - food waste and/or other waste from the baseline year or over the loan period 3. Increased inclusiveness in the employees/contractors from the baseline year or over the loan period (reports gender-disaggregated data, or gender ratio, employment of people with disabilities is in line with regulation)		1. Supports local organic/GAP certified farmers/producers or at least 30% of the products in the store/restaurant sourced sustainably or Organic/GAP certified 2. Adopted waste management system 3. Adopted HACCP certification (any other management system standards)	Ex-ante: 1. Procurement log from Ebarimt tax system to validate locally sourced organic/GAP certified raw materials/products or summarized purchase input log/recordkeeping 2. Waste management plan, contract with waste collector and waste log 3. The certificate of adopted management system standards by the third-party verification body  Ex-post: 1. Same as ex-ante 2. Company's impact report on resource efficiency (waste reduction) data compared with BAU 3. Gender and disability employment data to be validated from social health insurance reports	Industrialization 21:100 national program	Organic Trade Association, Organic Standards and Retailers

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	consumption; efficiency of retail prices, improvements to the wholesale and retail system including labour conditions, and application of IT solutions							
6.4.2 Sales, marketing, warehouse and logistics services	<p>Below support activities in sustainable agriculture:</p> <ul style="list-style-type: none"> <li>- Collective services including centralized marketing and sales for agricultural production, e.g. through clusters, cooperatives, partnership and sharing of agricultural production resources, maintenance center between soums, and rental services</li> <li>- Improved food storage, reduced losses during storage and transportation, efficient storage and logistics</li> </ul>	2.1, 2.2, 2.3, 8.2	<ol style="list-style-type: none"> <li>1. Number of farmers and herders benefitting from these services (direct/indirect) with sex-disaggregated over the loan period</li> <li>2. Decrease in usage and/or phase out Hydrofluorocarbons and derivative chemical refrigerants, replacing them with natural refrigerants from the baseline year or over the loan period</li> <li>3. Increased inclusiveness in the employees/contractors from the baseline year or over the loan period (reports gender-disaggregated data, or gender ratio, employment of people with disabilities is in line with regulation)</li> </ol>	<ol style="list-style-type: none"> <li>1. Increased efficiency of farmers (Volume of production per labor unit by classes of farming/pastoral/forestry enterprise size)</li> <li>2. Improved access to services for agricultural production (measure by water supply, energy supply, equipment efficiency, cost savings per household / farm)</li> <li>3. Number of actions and indicators met on biodiversity conservation plan</li> <li>4. Decrease in food lost due to insufficient logistics or warehouse management</li> </ol>	<p>Avoid or reduce GHG emissions through the application of appropriate agricultural practices by member farmers/herders, as mentioned below.</p> <p>Agricultural crop management:</p> <ol style="list-style-type: none"> <li>1. Supports organic/GAP-certified farmers/producers</li> <li>Livestock husbandry and meat management:</li> <li>1. Supports nomadic and semi-nomadic herders who registered to</li> </ol>	<p>Ex-ante:</p> <p>Agricultural crop management:</p> <ol style="list-style-type: none"> <li>1. Contract/membership plan with Organic/GAP certified farmers or producers with other environmental management system standard certifications</li> <li>Livestock husbandry and meat management:</li> <li>1. Official letter from National Association of Pasture Users (NAPU) about registration and certification status of members of cooperation/cluster on the Responsible Nomads MNS 6891 standard and its electronic traceability system</li> <li>2. Entity`s report on efficient logistics or warehouse management system</li> <li>3. Entity`s representation letter or report</li> </ol> <p>Ex-post:</p>	<p>MNS ISO 22002-5:2020 Хүнсний аюулгүй байдлын угтвар нөхцлийг хангах хөтөлбөр - Тээвэрлэлт ба хадгалалт</p> <p>Vision 2050 policy document, Government action plan (2020-2024)</p>	<p>UNECE Agricultural Quality Standards International standard GAP Guidelines and Instruction manual</p> <p>BRCGS Global Standard for Storage &amp; Distribution and IFS Logistics</p>

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
					<p>or obtained a certificate on sustainable livestock management practices standards (such as the Responsible Nomads standard 6891)</p> <p>2. Efficient logistics or warehouse management system of products/raw material</p> <p>3. Provides reusable/recyclable/efficient packaging management</p> <p>Majority of the members households and signed Rangeland use agreement with Soum Governor</p>	<p>1. Vendor list or vendor disaggregated sales data with the gender information of the owners/director</p> <p>2. Technical certificate for currently using refrigerators</p> <p>3. Gender and disability employment data to be validated from social health insurance reports or payroll/HR reports prepared by the borrower</p>		
6.4.3 Quality control, certification, testing, tracing and education and skills training	Below are support activities in sustainable agriculture: Performs quality tests, certification, and traceability of food	2.4, 3.9, 12.4, 13.1	<p>1. Number of farmers and beneficiaries benefitting from these services (direct/indirect) with sex-disaggregated over the loan period</p> <p>2. Increase in the number of products that have been</p>	<p>1. The increase in the number of offerings/type of verifications ( e.g tested in labs for the purpose of ensuring food safety, strengthening the</p>	<p>1. Supports and verifies local farmers/producers/processors who are applying to obtain</p>	<p>Ex-ante:</p> <p>1. Contract with local farmers/producers/processors or third party verification body</p> <p>2. Certificate issued by the national standard verification body</p>	<p>Law on Organic Foods (2016)</p> <p>ILO R101 - Vocational Training (Agriculture) Recommendation, 1956 (No. 101)</p>	ISO 22005

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/C riteria/Exclus ion	Mean of Verification	Relevant national and industry regulations*/ policies/standards	Relevant international standards
	sources/supply chains and/or Training that develops rural human capital and improves workers' skills, raise workers' awareness of sustainable farming		run and passed through quality control and certification issuance over the loan period 3. Increase in the number of certification types that have been developed, tested, or launched over the loan period	capacity of lab and certification bodies) over the loan period	relevant certification (such as organic/GAP/traceability) and/or management (ISO14001 etc.,) system 2. Compliance with national mandatory standards such as MNS ISO/IEC 17025:2018, MNS ISO/IEC 17067:2014, MNS ISO/IEC 17065:2013 3. For education or training activity: 1. Training and educational content is focused on farmers/producers/processors to obtain relevant certification such as: organic/GAP/traceability	3. Training curriculum and general plan Ex-post: 1. The number of issued standards/certificates, the list of the issued certificate owners (individual farmers sex-disaggregated) 2. Product list that provided certificate 3. Paper based or scanned version of certificate provided by MASM or international standard verification bodies		

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
					and/or ISO14001			
6.4.4 Research and Development on agriculture systems	Research, development, promotion and commercial application of green prevention/control products, including but not limited to: Research, development, promotion and commercial application of green prevention/control products such as e-commerce or apps for organic agriculture, green efficient functional fertilizers, biological fertilizers, new soil conditioners, low-risk pesticides, pesticide application agents, and physical and chemical inducements, green efficient feed additives, low-toxicity and	2.a	1. Number of farmers and beneficiaries benefitting from these services (direct/indirect) with sex-disaggregated over the loan period 2. Improvement in impact indicator or result stated on the project plan/proposal over the loan period. Example: Number of research & developments produced or number of innovative platforms created or quality review on R&D from local/international agencies etc	3. Improved productivity of agriculture sector or increase in the number of green job over the loan period	1. Research paper or project proposal presenting the green and social impact 2. Development or pilot testing plan 3. Pilot test result showing the positive target impacts	Ex-ante: 1. List of contracts with farmers or organizations and overall fact sheet clearly showing impactful activities 2. Project plan or management impact report 3. Pilot test result or impact report  Ex-post: 1. Contract with local farmers/producers/processes 2. Clearly indicated target impacts report or project/pilot testing	ISO/TC 287	ISO 15003, ISO/TC 23/SC 19

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	low drug-resistance veterinary drugs, and efficient and safe vaccines, etc Implementation of smart agriculture systems to increase the climate resilience of agricultural production such as construction and operation of smart agriculture systems (e.g. precision agriculture, sensor controlled pivot "fertigation" and similar) up to local climate resilience standards.							
<b>6.5 SUSTAINABLE TEXTILE PROCESSING AND PRODUCING</b>								
6.5.1 sustainable textile processing and producing	Hide and skin processing methods, for extensive farming only, with fixed traceability and quality management, Production process that meet relevant sustainable textile/cashmere/wool/yak down production	SDG 6 Clean Water and Sanitation : - 6.3, 6.6; SDG 9 Industry, Innovation and Infrastructure: - 9.4; SDG 12 Responsible	1. Water consumption m3 per unit of production 2. Energy consumption kWh per unit of production 3. Steam consumption GCal per unit of production 4. Specification list of chemical substances		Textile factories and professional organizations in engineering or construction are eligible.	Ex-ante: Feasibility studies on: Reduction of water consumption; Energy saving: Wastewater treatment; Compliance of chemical substances storage and handling. Ex-post: Compliance with plan; Saved amount of energy and water. Amount of level of wastewater treatment. Detailed specification of chemical substances and	- Law on Energy Conservation - Energy Conservation National Program - Nationally Determined Contribution 2019 - General requirement for Waste Water MNS 4943 : 2015 ( <a href="https://estandard.gov.mn/standard/v/3615">https://estandard.gov.mn/standard/v/3615</a> ).	- GOTS standard - OEKO-TEX standard - ISO 50001

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/C riteria/Exclus ion	Mean of Verification	Relevant national and industry regulations*/ policies/standards	Relevant international standards
	<p>standards and use eco-dyeing technologies, chemicals and bio-agents; production processes that meet international and national standards and voluntary code of conducts, which also includes standards on its liquid and solid waste treatment;</p> <ul style="list-style-type: none"> <li>- Introduce sustainable production standards to textile industry, such as OEKO-TEX, GOTS or other identical standards;</li> <li>- Save energy and water in manufacturing process;</li> <li>- Construction of wastewater treatment plants to curb environmental impact.</li> </ul> <p>Wastewater from primary textile processors is very high in turbidity, while COD and pH values can be</p>	<p>le Consumption and Production: - 12.4</p>				<p>certificate of compliance of storage and handling of chemical substances. Assessment standard/tool: MSFA Reference criteria:</p> <ol style="list-style-type: none"> <li>1. Water consumption values at Mongolian cashmere and wool producers are on average 1.6 times higher than water consumption values for wool textile production reported in other sources when measured in m<sup>3</sup> per kg of textile output. Water consumption of primary processors engaged in washing and scouring 0.02 m<sup>3</sup>/kg remains within the international benchmark ranges of 0.002-0.04 m<sup>3</sup>/kg. Water consumption of textile plants depends on production type, but average use of water for Mongolian manufacturers is estimated at 0.2m<sup>3</sup>/kg on average, 0.02 m<sup>3</sup>/kg for primary processing and 0.45m<sup>3</sup>/kg for fully integrated plants. Figures below these values might be considered as an improved water use (StepEcoLab)</li> <li>2. Manufacturers should complete safety data</li> </ol>		

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	out of permitted ranges. Textile companies discharge WW directly to the central sewage network without pre-treated thus overburdening of the Central WasteWater Treatment Plant.					<p>sheets, which includes specifications and regulations of storage, transfer and handling of hazardous chemicals, machine oils and lubricating chemicals.</p> <p>4. Energy consumption of Mongolian textile companies was estimated at 10 kWh/kg of product. Figure below that might be considered as acceptable.</p>		

## 7. SUSTAINABLE LAND USE AND BIODIVERSITY

### 7.1 SUSTAINABLE FORESTATION

7.1.1 Afforestation	Tree plantation in areas where there was no forest before (implies a transformation of land use from non-forest to forest).	6.6 15.1 15.2 15.b	<ol style="list-style-type: none"> <li>1. Area (ha)</li> <li>2. Survival rate of newly planted trees/brushes (at least 75%)</li> <li>3. Estimated amount of carbon capture (CO<sub>2</sub>)</li> </ol>	<ol style="list-style-type: none"> <li>1. Type and number of habitat species per ha (600-800) (#)</li> <li>2. Improved afforestation site (such as through irrigation system, fence, tools and technology)</li> <li>3. Amount of non-timber production (such as plant, mushroom, seed) (#)</li> <li>4. Improved technology management (such as remote selection, data viewing) to improve pastureland and to prevent desertification</li> <li>5. Improved soil health (carbon, nutrients, pH changes)</li> </ol>	<ol style="list-style-type: none"> <li>1. Non-introduction of invasive species</li> <li>2. Continuous 3 year experience</li> <li>3. Participated in international projects (additional)</li> <li>4. Human resource capacity</li> <li>5. Guarantee of stability</li> <li>6. Forest management plan</li> <li>7. Fence</li> </ol>	<ol style="list-style-type: none"> <li>1. Registered at state forest databank</li> <li>2. Handed over to state forest databank</li> <li>3. Assessed detailed environmental impact (for soil health only)</li> </ol>	<ol style="list-style-type: none"> <li>1. Law on Environmental Protection</li> <li>2. Law on Forests</li> <li>3. Law on soil protection and prevention from desertification</li> <li>4. Vision 2050</li> <li>5. Governmental policy on forestry</li> <li>6. Billion Tree National Movement</li> <li>7. Mongolia's Nationally Determined Contributions</li> </ol>	<ol style="list-style-type: none"> <li>1. The Gold Standard, Afforestation/Reforestation requirements</li> <li>2. Voluntary Sustainability Standards, Forest Conservation, and Environmental Provisions in International Trade Policy by IISD and SSI</li> </ol>
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Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
7.1.2 Rehabilitation	Tree plantation in areas not covered by the state forest land (forest fund), such as degraded areas that are affected by wildfire, forest pest and insects, used to be timber logging areas, or are open stand areas (sparsely, understocked light forest).	6.6 15.1 15.2 15.b	1. Area (ha) 2. Survival rate of newly planted trees/brushes (at least 75%) 3. Estimated amount of carbon capture (CO <sub>2</sub> ) 4. Improved soil health (carbon, nutrients, pH changes)	1. Type and number of habitat species per ha (At least 1750 as the normative is to have 2500 seedlings per ha) (#) 2. Amount of non-timber production (such as plant, mushroom, seed) (#) 3. Improved technology management (such as remote selection, data viewing) to improve pastureland and to prevent desertification	1. Non-introduction of invasive species 2. Continuous 3 year experience 3. Participated in international projects (additional) 4. Human resource capacity 5. Guarantee of stability 6. Forest management plan 7. Fence	1. Registered at state forest databank 2. Handed over to state forest databank 3. Assessed detailed environmental impact (for soil health only)	1. Law on Environmental Protection 2. Law on Forests 3. Law on soil protection and prevention from desertification 4. Vision 2050 5. Governmental policy on forestry 6. Billion Tree National Movement 7. Mongolia's Nationally Determined Contributions	1. National Strategy and Action Plan for Reducing Greenhouse Gas Emissions from Deforestation and Degradation (REDD+).
7.1.3 Seed nursery	Protection and preparation of seeds registered in the seed and plant bank in order to reduce the negative impact on the ecosystem and the environment	2.5	1. Number of quality seeds (#) 2. Increased number of species localized (#)		1. Import permit, quality certificate and passport for the seed (if imported seed) 2. Fence	1. Met Quality level 1 from laboratory analysis	Seed standards in Mongolia 1. MNS 5994:2009 2. MNS 2887:2009 3. MNS 2430:2009 4. MNS 2433:2009 5. MNS 2432:2009 6. MNS 2431:2009 7. MNS 5995:2009 8. MNS 2429:2009	
7.1.4 Agroforestry	Integrated plantation of trees and shrubs into agricultural and livestock systems to create environmental,	6.6 15.1 15.2 15.b	1. Improved soil health (carbon, nutrients, pH changes) 2. Amount of agricultural products produced (#) 3. Area (ha)	1. Decreased vulnerability of agricultural production (wind, moisture, dryness, soil structure, fertility)	1. Continuous 3 year experience 2. Operational management plan	1. Registered at state forest databank 2. Handed over to state forest databank 3. Assessed detailed environmental impact (for soil health only)	1. Billion Tree National Movement 2. Mongolia's Nationally Determined Contributions	

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	economic and social benefits.			2. Increased variety of food products (leaves, fruits, vegetables, etc.) 3. Amount of medicine plants harvested (leaves, fruits, bark, roots, etc.), 4. Amount of livestock feed harvested (trees, shrubs, and fruits used as fodder) 5. Improved socioeconomic factors	3. Guarantee of stability 4. Human resource capacity 5. Fence			
7.1.5 Urban Forest	Tree and shrub plantation in urban areas including in yards, streets, and utility lines.	11.7	1. Improved living environment (comparison regarding sanitary and aesthetic issues) 2. Reduction of air, microparticles, soil or noise pollution (more than 20%) 3. Area (ha) 4. Estimated amount of carbon capture (CO <sub>2</sub> )	1. Improved soil health (carbon, nutrients, pH changes)	1. Continuous 3 year experience 2. Operational management plan 3. Guarantee of stability 4. Feasibility study and operational management plan	1. Registered as State and city property	1. Billion Tree National Movement 2. Mongolia's Nationally Determined Contributions	
7.1.6 Tree nursery	Production of tree seedling and nurseling under favorable conditions until they are ready for forestation	6.6 15.1 15.2 15.b	1. Area (ha) 2. Improved tree nursery site (additional irrigation system, fence, tools and technology, storage)	1. Number of staff trained (#) 2. Amount of seedlings stocked (#) 3. Number of best practices or innovation experiment 4. Improved condition of stock (storage)	1. Continuous 3 year experience 2. Participated in international projects (additional)	1. Registered as property	1. MNS 6138 : 2010 Method to choose tree plantation site. Technical requirement. 2. MNS 2418 : 2011 Soil processing for tree plantation	

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
					3. Human resource capacity 4. Guarantee of stability 5. Fence			
<b>7.2 SUSTAINABLE FOREST PRODUCTION</b>								
7.2.1 Cutting and thinning (care of stands)	Cutting and thinning trees and shrubs of selected stages to ensure the normal growth and productivity improvement of forest	6.6 15.1 15.2 15.b	1. Area (ha) 2. Estimated amount of carbon capture (CO2) 3. Increased non timber production from the forest (#)	1. Growth of trees through improved composition of trees and increased amount of sunlight	1. Continuous 3 year experience 2. Participated in international projects (additional) 3. Human resource capacity 4. Guarantee of stability	1. MNS 6447:2014 General requirements for cutting, maintenance and cleaning of forest	1. Billion Tree National Movement 2. Mongolia's Nationally Determined Contributions 3. MNS 6447:2014 General requirements for cutting, maintenance and cleaning of forest	
7.2.2 Cleaning (care of stands)	'Cleaning dead fallen wood, branches and remnants of logging sites affected by wildfires, pests and insects, diseases, and heavy wind and snow.	6.6 15.1 15.2 15.b	1. Area (ha) 2. Estimated amount of carbon capture (CO2) 3. Improved soil health (carbon, nutrients, pH changes) 4. Increased non timber production from the forest (#)	1. Growth of trees through improved composition of trees and increased amount of sunlight	1. Continuous 3 year experience 2. Participated in international projects (additional) 3. Human resource capacity 4. Guarantee of stability	1. MNS 6447:2014 General requirements for cutting, maintenance and cleaning of forest	1. Billion Tree National Movement 2. Mongolia's Nationally Determined Contributions	1. The Gold Standard, Afforestation/Reforestation requirements 2. Voluntary Sustainability Standards, Forest Conservation, and Environmental Provisions in International Trade Policy by IISD and SSI
7.2.3 Non-timber forest	Harvesting and producing medicinal plants,	6.6 15.1 15.2	1. Increased non timber production from the forest (#)	1. Improved technology management (such as	1. Sustainability management		1. Billion Tree National Movement	1. PEFC Sustainable Forest Management benchmark

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
production and harvest	nuts, fruits, berries, mushrooms and other secondary products taken from the natural forest.	15.b	2. Area (ha)	remote selection, data viewing) to improve pastureland and to prevent desertification	plan for non-polluting forest			
<b>7.3 FOREST AND TREE PROTECTION</b>								
7.3.1 Forest pest, insects and diseases prevention	Prevention and extermination of forest pests, insects and diseases.	15.8 15.7	1. Area (ha) 2. Reduction in pest, insect and disease outbreaks		1. Continuous 3 year experience 2. Participated in international projects (additional) 3. Human resource capacity 4. Guarantee of stability	1. Copyright or intellectual property	1. Billion Tree National Movement	
<b>7.4 SUSTAINABLE BIODIVERSITY MANAGEMENT</b>								
7.4.1 Restoration & Rehabilitation	Any intentional activity that initiates or accelerates the recovery of an ecosystem (specific wildlife habitat, grassland, wetland, desert) from a degraded state, land remediation and cleanup	15.c 15.a 15.9 15.5 15.4	1. Introduce international experience in rehabilitation and protection of non-mining areas; 2. Improve pasture protection, desertification prevention and technology management (remote selection, information viewing)		1. Drought and dzud surveys in the area, estimate future trends, and identify countermeasures; 2. Risk management plan		1. Billion Tree National Movement	International Standards for the Practice of Ecological Restoration, SER

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
7.4.2 Conservation	Facilities and infrastructure for natural ecosystem and biosphere conservation projects	15.c 15.a 15.9 15.5 15.4	1. Improve pasture protection, desertification prevention and technology management (remote selection, information viewing)		1. Possibility of planning and implementing biodiversity conservation in the land management plan; 2. Conduct research on the land feasibility study and land management planning		1. Billion Tree National Movement	Grassland Ecosystems Guideline, WWF

## 8. LOW EMISSION TRANSPORT

### 8.1 LOW EMISSION VEHICLES

8.1.1 Low emission vehicles purchase of low emission vehicles	Low carbon vehicles purchase, including electric vehicles, hydrogen vehicles, fuel efficient vehicles (CNG, LNG, LPG vehicles), hybrid vehicles, bicycle, scooter,	9.1 11.2 11.3 7.b	1. Number of clean vehicles deployed (e.g. electric or LPG) (#) 2. Carbon avoided or saved annually per means of transport (Annual emission tool) (tCO2) [Emission estimation tool is suggested to be developed, where type of car*age*emission factor is calculated]	1. Annual Reduction in common air pollutants and emissions (named, preferably e.g. PM 10, PM 2.5, SOx, NOx, CO, non-methane volatile organic compounds (NMVOCs), O3 depending on what is being measured) due to low carbon transport (emission standards for each type of transport vehicle)	1. Should be electric vehicles, hydrogen vehicles, fuel efficient vehicles (CNG, LNG, LPG vehicles), bicycle, scooter 2. Engine older than 5 years are not eligible	Ex-ante: Check vehicle fuel efficiency/model/list (e.g. LEED qualified cars) Ex-post: yearly technical inspections outcome and checklist of emission, aging and efficiency features Assessment standard/tool: Low carbon, fuel efficient vehicle list, vehicle passport; vehicle emission coefficient; on-road air quality measurement; SUMI (Sustainable Urban Mobility Indicator); MSFA risk assessment	1. State policy on road transport sector (2018-2026) that promotes the eco-friendly, efficient and safe transport and means of transport (2.2.1.5; 2.3.5.3) 2. Resolution 19/08 of National Committee for Reducing the Environmental pollution (24/01/2019) 3. Law on Custom Duties and Taxation (38.1.6) 4. List of items for tax exemption - decree 503 dated 21/12/2015	1. Greener cars rating (list of leed qualified cars) 2. CO2 emission performance standards for cars and vans (EU) 3. Standards from international motor vehicle inspection committee
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Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
						tool; MSFA GHG reduction tool	5. MNS 4585 General requirements on air quality 6. MNS 6728:2018 technical requirements on safety and EV and battery	
8.1.2 Low emission vehicles manufacturing facilities and maintenance, and commerce	Dedicated manufacturing and maintenance facilities for vehicles and key components including batteries used in eligible vehicles and filter. + [low emitting key components list suggested to be developed]	9.1 11.2 11.3 7.b	1. Sale revenue, annually (MNT) 2. Number of products sold, annually (#)	1. Annual Reduction in common air pollutants and emissions (named, preferably e.g. PM 10, PM 2.5, SOx, NOx, CO, non-methane volatile organic compounds (NMVOCs), O3 depending on what is being measured) due to low carbon transport (emission standards for each type of transport vehicle) 2. Consumption savings (water, electricity, etc.) 3. Amount of raw materials used from recycled sources 4. Carbon avoided or saved annually per means of transport (Annual emission tool) (tCO2)	1. Production of key components (low carbon automotive technologies) that are specific to low carbon features are eligible	Ex-ante: Plan and description of activities with target impact, compliance with low carbon, fuel efficient vehicle list; Vehicle importers' GRI or CSR report Ex-post: Reporting Assessment standard/tool: List of low carbon automotive technologies; MSFA risk assessment tool; MSFA GHG reduction tool	1. Law on Innovation (2012) 2. State Policy on road transport sector (2018-2026)	1. EURO VI Standard 2. WHO guidelines for particulate matter concentration 3. Global Fuel Economy Initiative (GFEI)
<b>8.2 LOW EMISSION FREIGHT AND CARGO TRANSPORTATION</b>								
8.2.1 Low emission freight and	Rolling stock for electrified and non electrified rail	9.1 11.2 11.3	1. Amount of goods transported through low	1. Reduction in common air pollutants and emissions (named,	1. Zero direct emissions	Ex-ante: Plan and description of activities with target impact,	1. Vision 2050	1. Low Carbon Land Transport and the

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
cargo transportation	freight; energy efficiency in trucks freight; low carbon logistics; hybridization and alternative fuels for trucks (advanced biofuels, synthetic renewable fuels) for road freight; improving the infrastructure for urban and long-distance road freight (charging stations etc.,) + [low emission freight and cargo vehicle list is suggested to be developed]	7.b	carbon freight/cargo (kg of goods per km) 2. Carbon avoided or saved annually per means of transport (Annual emission tool) (tCO2)	preferably e.g. PM 10, PM 2.5, SOx, NOx, CO, non-methane volatile organic compounds (NMVOCs), O3 depending on what is being measured) due to low carbon transport (emission standards for each type of transport vehicle) per km 2. Average percent of capacity utilized	trains are eligible. 2. Other trains are eligible if direct emissions per tonne-km (gCO2e/tkm) are 50% lower than average reference CO2 emissions of HDVs 3. Energy efficient/low carbon trucks (advanced technology and alternative fuels) are eligible 4. Engine older than 10 years are not eligible	compliance with low carbon, fuel efficient vehicle list, sales rate in biofuels, LPGs by type of vehicle Ex-post: Reporting Assessment standard/tool: Low carbon, fuel efficient vehicle list; MSFA risk assessment tool; MSFA GHG reduction tool	2. State Policy on road transport sector (2018-2026)	Climate Bonds Standard 2. EURO VI Standard 3. WHO guidelines for particulate matter concentration 4. Global Fuel Economy Initiative (GFEI)
8.3 LOW EMISSION TRANSPORT INFRASTRUCTURE								

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
8.3.1 Public transportation service	Operation of public transport (bus, train, cable car etc.); Construction of public transport service infrastructure such as high-occupancy vehicle lanes, LRT and BRT systems, public walking and cycling infrastructure	9.1 11.2 11.3 7.b	1. Reduced passenger mobility (emission/passenger/km) 2. Number of beneficiaries (#) 3. Increased percentage of public transport (Expansion of public transport network)	1. Annual Reduction in common air pollutants and emissions (named, preferably e.g. PM 10, PM 2.5, SOx, NOx, CO, non-methane volatile organic compounds (NMVOCs), O3 depending on what is being measured) due to low carbon transport per km 2. Increase of ridership / occupancy 3. Decreased Price 4. Shortened travel time (actual travel duration including duration in congestion and excluding waiting time) (daily average)	1. Walking and cycling infrastructure that do not meet the safety requirements, is not eligible. 2. Planning that is dedicated to the transport of fossil fuels or blended fossil fuels is not eligible	Ex-ante: On-road air quality measurement; Transport sector statistics - Public transport user's data (NSO); Traffic Accidents - Injuries (Transportation Police); Public transport network data Ex-post: Reporting and site visit to confirm compliance; Monitoring of indicators from specialized data system (NSO); Assessment standard/tool: check against standards and targets; WebTAG (Web-based Transport Analysis Guidance); SUMI (Sustainable Urban Mobility Indicator); e-police app; UB smart card data; Opportunity for Active Mobility indicator; Multimodal integration indicator; Satisfaction with public transport indicator; Traffic safety active modes indicator; MSFA risk assessment tool;	1. State policy on road transport sector (2018-2026) 2. Action Plan for 2020-2024 of Government of Mongolia (6.1.5) 3. Road Law Amendment of Mongolia (30.5) 4. Road Transport Law of Mongolia (7.4; 10.2.8; 10.2.9) 5. Joint Order by Minister of Infrastructure and Capital City Governor on Certain measures to be undertaken towards public transport service (2000)	1. TOD (transit-oriented development) standard 2. BRT standard by Institute for Transportation and Development Policy (ITDP) 3. ISO 10865-2:2015 (accessible transport) 4. EURO VI Standard 5. WHO guidelines for particulate matter concentration 6. Global Fuel Economy Initiative (GFEI) 7. Sustainable Transport Goals, Objectives and Indicators checklist (Victoria Transport Policy Institute)



Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
						MSFA GHG reduction tool; Global Competitiveness Report - Mongolia;		
8.3.2 Construction and operation of rural transport facilities	Construction and operation of rural transport networks (including logistics networks, operation, digitalisation, safety facilities, local roads)	9.1 11.2 11.3 7.b 11.a	1. Number of people living in rural areas with access to paved and/or all-weather roads 2. Coverage of rural areas with paved and/or all-weather roads 3. Increased percentage of public transport (Expansion of public transport network)	1. Shortened travel time (actual travel duration including duration in congestion and excluding waiting time) (daily average) 2. Decreased Price 3. Increased ridership	1. Planning that is dedicated to the transport of fossil fuels or blended fossil fuels is not eligible	Ex-ante: Plan and description of activities with target impact Ex-post: Reporting and site visit to confirm compliance Assessment standard/tool: Rural Access Index (ILO); Human Development indicator; MSFA risk assessment tool; MSFA GHG reduction tool;	1. Sub-program to support people with disability(2018) 2. Law on the rights of people with disability (2016)	1. International integrated intermodal transport and logistics system by UNESCAP
8.3.3 Low emission transport infrastructure	Dedicated charging and alternative fuel infrastructure (when separate from fossil fuel filling stations and	9.1 11.2 11.3 7.b	1. Average Number of vehicles per charging station 2. Increased annual sales of eco-fuels/ Amount of fossil-fuel subsidies consumption by transport	1. Annual Reduction in common air pollutants and emissions (named, preferably e.g.PM 10, PM 2,5, SOx, NOx, CO, non-methane	1. Infrastructure that is dedicated to the transport of fossil fuels or blended	Ex-ante: On-road air quality measurement data; data/report from the EV charging station operators;	1. MNS 6728:2018 technical requirements on safety and EV and battery	1. ISO 14001 2. ISO 50001 3. ISO/IEC 30134 4. EURO VI Standard 5. WHO guidelines for particulate matter concentration

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	garages); Eco-fuel station, fast and supercharging station/pile for EV cars, CNG, LNG, LPG stations; trolleybus, trams, electric buses and associated infrastructure			volatile organic compounds (NMVOCs), O3 depending on what is being measured) due to low carbon transport per km 2. Number of EV charging stations powered by renewable energy	fossil fuels is not eligible	Ex-post: Reporting and site visit to confirm compliance Assessment standard/tool: Travel activity data; MSFA risk assessment tool; MSFA GHG reduction tool; traffic tracking data from UB traffic (NSO, UB traffic app; E-police app)		6. Global Fuel Economy Initiative (GFEI)
8.3.4 Low emission transport planning	Integration of transport and urban development planning leading to a reduction in use of passenger cars; dense development, multiple land use, walking communities, transit connectivity, Smart freight logistics, Transportation Demand Management; Intelligent Transport System, Smart Parking Management; Transport carbon pricing/offset fee option for ticket purchase;	9.1 11.2 11.3 7.b	1. Reduction in traffic congestion Shortened travel time (actual travel duration including duration in congestion and excluding waiting time) (daily average) 2. Number of incentives triggering the modal shift to clean transport	1. Annual Reduction in common air pollutants and emissions (named, preferably e.g. PM 10, PM 2.5, SOx, NOx, CO, non-methane volatile organic compounds (NMVOCs), O3 depending on what is being measured) due to low carbon transport per km 2. Number of people who benefit 3. Increase in ridership, occupancy of vehicles	1. Planning that is dedicated to the transport of fossil fuels or blended fossil fuels is not eligible	Төслийн/санхүүжилтийн өмнө: Зорилтот нөлөө бүхий үйл ажиллагааны төлөвлөгөө, тодорхойлолт Төслийн/санхүүжилтийн дараа: Газар дээр очиж баталгаажуулж, тайлагнах, Үнэлгээний стандарт: Нийслэлийн замын хөдөлгөөний замын хөдөлгөөний хяналтын өгөгдөл (ҮСХ, UB traffic app; E-police app)	1. State policy on road transport sector 2018-2026 (2.3.3.1; 2.3.3.2) 2. Action Plan for 2020-2024 of Government of Mongolia (6.1.5) 3. Road Law Amendment of Mongolia (30.5) 4. Road Transport Law of Mongolia (7.4; 10.2.8; 10.2.9) 5. Joint Order by Minister of Infrastructure and Capital City Governor on Certain measures to be undertaken towards public transport service (2000)	1. EURO VI Standard 2. WHO guidelines for particulate matter concentration 3. Global Fuel Economy Initiative (GFEI) 4. IEC/IEEE 80005 - 2:2016 for utility connections in port 5. Analysis and Policy Recommendations from the United Nations 6. Secretary-General's High-Level Advisory Group on Sustainable Transport
8.4 LOW EMISSION ICT								

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
8.4.1 ITS that improves asset management, traffic flow and modal shift, (regardless of transport mode)	Advanced traffic control system, public transport information, car-sharing/carpooling schemes, smart cards, road toll systems, e-services, remote working, real-time traffic information system	9.1 11.2 11.3 7.b	1. Reduction in traffic congestion Shortened travel time (actual travel duration including duration in congestion and excluding waiting time) (daily average) 2. Reduced commuting costs compared to conventional transport system	1. Annual Reduction in common air pollutants and emissions (named, preferably e.g. PM 10, PM 2.5, SOx, NOx, CO, non-methane volatile organic compounds (NMVOCs), O3 depending on what is being measured) due to low carbon transport per km 2. Number of people who benefit 3. Increased accessibility of public transport for people with special needs	1. Transportation services, and smart management systems that guarantee the privacy of passengers are eligible.	Ex-ante: UB air pollution monitoring data; On-road air quality measurement; Transport sector statistic - Public transport user's data (NSO); Traffic Accidents - Injuries (Transportation Police); Public transport network data Ex-post: Reporting and site visit to confirm compliance Assessment standard/tool: Travel activity data; UB Traffic app; e-police app; on-road air quality measurement; SUMI (Sustainable Urban Mobility Indicator); MSFA risk assessment tool; MSFA GHG reduction tool;	1. State policy on road transport sector 2018-2026 (2.3.3.6; 2.3.5.2) 2. National Policy on Smart Transport System (2020)	1. ISO/TR 20529 2. EURO VI Standard 3. WHO guidelines for particulate matter concentration 4. Global Fuel Economy Initiative (GFEI)
<b>8.5 SAFE AND INCLUSIVE PUBLIC TRANSPORTATION</b>								
8.5.1 Improvement of safety and inclusion	Optimize slow transportation services, application of smart management systems (supervision, risk control and detection, emergency handling, traffic management systems, vision & sensor systems,	9.1 11.2 11.3 7.b 10.2	1. Decreased number of accidents involving people by gender, special needs and children 2. Increased number of buses/trams and other public transport with universal accessibility features	1. Consider bicyclists and pedestrians quality of infrastructure or services (Ratio) 2. Improve ICT (World Bank's twingal)	1. Transportation services, and smart management systems that guarantee the privacy of passengers are eligible.	Ex-ante: Plan and description of activities with target impact Ex-post: Reporting and site visit to confirm compliance Assessment standard/tool: Human Development Indicator; MSFA risk assessment tool; MSFA GHG reduction tool;	1. State Policy on road transport sector (2018-2026) 2. National Strategy on Road Safety (2012)	1. International Road Assessment Program (iRAP) Star Ratings

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	airbags and safety monitoring); ensure safety of use of transportation for all social groups, including people with reduced mobility and access for bikes, stroller etc.,							
<b>9. INFORMATION AND COMMUNICATION TECHNOLOGIES (ICT)</b>								
<b>9.1 ACCESSIBLE NETWORKS</b>								
9.1.1 Construction and operation of high-speed fiber optic broadband network	Increase fibre optic network coverage in rural, ger area, government facilities with access capability of 512 megabits per second or more.	1.4 5.b 9.b 9.c 7.b 9.1	1. Number of household, school, hospital, government agencies to be connected with fiber optic broadband internet access (#) 2. Length of newly built fiber optic cable bands (km)	1. Green development policy and plan	1. Measure the change in Internet speed FTTB and FTTH technology must be used (get confirmation from the CRC) 2. Have a special license (obtain certification from the CRC) 3. Use speeds of 512 Mbps and above 4. Cost-oriented tariff 5. БНҮҮС-нд хөрөнгө	CRC to provide certification	State Policy on Information Communication Network (2017-2025); Digital Governance National Program (2019); National E-Government Program 2019-2022; 9-10 of the Consent Act; Telecommunications Act; Conditions and requirements of telecommunication networks; Vision 2050; Targeted Development Program; Government Action Program; Main direction of socio-economic development	Relevant ISO IEC standards: i.g: ISO/IEC 15899:1998 Information technology — Telecommunications and information exchange between systems — Broadband Private Integrated Services Network — Service description — Broadband connection oriented bearer services;

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
					ТӨВЛӨРҮҮЛСЭН БАЙХ 6. Operation of new cables in rural areas, ger areas or government facilities			
9.1.2 Construction and operation of mobile broadband network	Coordinated development of wireless broadband networks in rural, ger areas and government facilities to achieve 4G and 5G network coverage; Technical and technological improvement from 2G, 3G to 4G; Mobile broadband access in remote areas.	1.4 5.b 9.b 9.c 7.b 9.1	1. Number of users who will be able to connect to 4G and 5G networks and receive services (#) 2. Number of new base stations (#) 3. Number of new base stations to be built in rural areas and rural areas (#) 4. The number of users in rural areas and residential areas (#)	1. Green development policy and plan 2. System technical and technological improvement (comparison of version 01 and version 02)	1. Obtain certification from the Radio Frequency Regulation and Control Department of the CRC 2. Have a special license (obtain certification from the CRC) 3. at least 512Mbps (download)/2-5 Mbps (upload); (Obtain confirmation from CRC) 4. Cost-oriented tariff 5. Operation of new cables in rural areas, ger areas or government facilities	CRC to provide certification	Vision 2050 ( 5.3.7) ; Policy Guidelines to be pursued by the government to introduce mobile telecommunication systems of next generation in Mongolia (2020); Government policy on information communication networks (2017-2025); Digital Governance National Program (2019); National e-government program 2019-2022; 9-10 of the Consent Act; Telecommunications Act; Conditions and requirements of telecommunication networks; Targeted Development Program; Government Action Program; Main direction of socio-economic development; 5G policy and regulatory document (Approving guidelines for the introduction of next-generation mobile	Relevant ISO IEC standards: i.g: ISO/IEC 15899:1998 Information technology — Telecommunications and information exchange between systems — Broadband Private Integrated Services Network — Service description — Broadband connection oriented bearer services;

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
							communication systems in Mongolia)	
<b>9.2 ACCESSIBLE SAFE SOFTWARE AND E-PLATFORM</b>								
9.2.1 Expansion and facilitation of e-platforms	Development of e-commerce, e-platform and software in support of system innovation; Development of internet applications such as e-commerce, mobile application of e-commerce platforms, and other mobile Internet-based innovation applications, in particular, those applications and electron equipments extending information and communication services to rural and remote areas;	1.4 5.b 9.b 9.c 7.b 9.1	1. Number of individuals with increased access to e-platforms (#, annually)	1. Green development policy and plan 2. System technical and technological improvement (comparison of version 01 and version 02) 3. Number of SMEs connected to e-commerce platforms (#) 4. Estimates showing resource savings	1. Have a policy to ensure the security of user information/privacy 2. Have a system security policy 3. Limited to Education, Health, Finance, Agriculture sectors or SME e-commerce supporting sectors	Conduct IT audit and risk assessment;	Law On Protection of Personal Data (2021); Vision 2050 (5.3.6); Cyber Security Act (2021)	Family of information security standards: ISO/IEC 27000 standards
<b>9.3 SUSTAINABLE IOT</b>								
9.3.1 Construction, operation, and maintenance of Internet of Things (IoT)	Construction of IoT platforms, while supporting employment, training, efficiency. And strengthening the	1.4 5.b 9.b 9.c 7.b 9.1 9.4	1. Energy efficiency : Resource saving Energy saving compared to conventional energy consumption by 20% (calculation, annually)	1. Green development policy and plan 2. System technical and technological improvement (comparison of	1. Have a policy to ensure system security 2. Obtain certification	Conduct IT audit and risk assessment; ERA Energy Efficiency Agency	Law On Protection of Personal Data (2021);	Family of information security standards: ISO/IEC 27000 standards, other relevant ISO IEC standards such as ISO/IEC 20924:2021

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/C riteria/Exclus ion	Mean of Verification	Relevant national and industry regulations*/ policies/standards	Relevant international standards
technologies and equipment	extensive coverage and deep application of IoT technology in industries such as agriculture, transportation, and energy; Agricultural IoT applications to improve the level of intelligence and precision in processing, storage, preservation, transportation and marketing of agricultural products; Application of IoT in smart cities, including public safety, infrastructure management, energy management, internal control, hazardous chemicals supervision, environmental monitoring and other fields; Application of IoT in daily life such as smart homes, smart office and car networking;		2. Number of individuals with access to IoT (#) 3. Cost saving compared to conventional	version 01 and version 02)	from the Radio Frequency Regulation and Control Department of the CRC 3. Limited to Education, Health, Finance, Agriculture sectors or SME e-commerce supporting sectors			Information technology — Internet of Things (IoT); ISO/IEC DIS 24668 Information technology — Artificial intelligence — Process management framework for big data analytics; ISO/IEC DTR 27563 Impact of security and privacy in artificial intelligence

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
<b>9.4 GREEN DATA CENTER</b>								
9.4.1 Green data center	Ensure safe, affordable, energy efficient and/or renewable energy powered data storage; Business innovation that protects data storage, privacy and security, decarbonization of data centers;	1.4 5.b 9.b 9.c 7.b 9.1 9.4	1. Number of individuals with access to data storage services (#) 2. Energy efficiency and/or renewable energy per unit of storage (Томъѐ) 3. GHG emission to be reduced by 20% (calculation, annually)	1. Green development policy and plan 2. System technical and technological improvement (comparison of version 01 and version 02)" 3. Efficiently manage data center heat (use efficient cooling systems or reuse heat)	1. Compliance with Tier II international standards; 2. Have a policy to protect the confidentiality of information; 3. Have a policy to ensure system security 4. Have a risk assessment	Conduct IT audit and risk assessment (including cyber security); ERA Energy Efficiency Agency	Law on Information transparency and right to information (2015); Law on Cyber Security (2021); Government Action Plan (2020-2024); State Policy on ICT Development (2017-2025)	Family of data center sustainability and energy effectiveness: i.g: ISO/IEC TR 20913:2016 Information technology — Data centers — Guidelines on holistic investigation methodology for data center key performance indicators; ISO/IEC 21836:2020 Information technology — Data centers — Server energy effectiveness metric; ISO/IEC CD TR 21897.2 Information technology - Data centers - Impact of ISO 52000 standards for energy performance of buildings; ISO/IEC 22237-4:2021 Information technology — Data center facilities and infrastructures — Part 4: Environmental control; SO/IEC 19395:2015 Information technology — Sustainability for and by information technology — Smart data center resource monitoring and control



Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
<b>10. HEALTH</b>								
<b>10.1 MEDICAL CARE AND SANITATION SERVICES</b>								
10.1.1 Affordable and accessible primary and specialized health care	Health facilities that provide affordable, quality, basic and specialized health services;  screening, diagnosis and treatment services for common diseases and frequently occurring diseases and acute diseases;  screening, diagnosis and treatment of psychological and behavioural problems such as depression, anxiety, cognitive disorders, autism and common mental disorders; rehabilitation treatment services for drug addicts and alcoholism;  emergent aid services for severe diseases;	3.3, 3.4, 3.5, 3.8	1. Annual number of patient visits and consultations by gender and age (#)  2. Ratio of qualified staff to patients (e.g. 1:10)  3. Average cost of services provided for standard treatments (MNT)  4. Number of people benefitting from subsidies/social and health insurance (#)  5. Number of annual cases transferred to public hospitals (#)	1. Annual average bed occupancy rate (%) 2. Percentage of clients that have used the service before (%) 3. Percentage of clients that provide a high satisfaction rating after their visit to the health facility (%) 4. Number of energy efficient and environmentally friendly hospital buildings/facility/equipment (#) 5. Number of people benefitting from private health insurance services 6. Number of eco-friendly initiatives and green policies 7. Number of healthcare outreach programs and/or activities including number of people reached and/or value of money spent 8. Number of preventive visits and/or screenings 9. Number of jobs created (#) 10. Number/type of innovative advanced	Нөхөн сэргээх зориулалтга йгаас бусад Cosmetics and plastic surgery except those for reconstructive purpose is not eligible; Inclusive facilities for all types of special needs are eligible; Existence of policy to cover vulnerable group (at least 20% of total users).	Ex-ante: Primary healthcare service mapping; healthcare service statistics; health sector HR data; Green building certification, check eligibility list and compliance with standards  Ex-post: Reporting and site visit to confirm compliance;  Questionnaire of satisfaction among users  Assessment standard/tool: Indicators of Global Health Observatory; Checklist for pharmaceutical service for health organization; NSO statistics; Health Development Center data; Health care expenditure data; MSFA GHG reduction tool; MSFA risk assessment tool	State Policy on Health (2017-2026); Vision 2050; Law on medical care (2016); MNS 5095:2017 The structure and activity of General hospital	International health regulations (WHO); WHO guideline on country pharmaceutical pricing policies; Affordable care act

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	rehabilitation and nursing services			technologies for increased accessibility for people with special needs				
10.1.2 Affordable and accessible public health	<p>Provision of access to quality essential health care services through public/private affordable medical facilities, equipment, professional personnel and vocational training for emergency centers;</p> <p>medical facilities and equipment for blood collection and supply institutions;</p> <p>health education (IEC) accessible for all, prevention, treatment, control, care and rescue services for emergencies, early screening of major non communicable diseases, infectious diseases, major</p>	3.3, 3.4, 3.8, 6.2, 3b	<p>1. Annual number of patient visits and consultations by gender and age (#)</p> <p>2. Ratio of qualified staff to patients (e.g. 1:10)</p> <p>3. Average cost of services provided for standard treatments (MNT)</p> <p>4. Number of people benefitting from subsidies/social and health insurance (#)</p> <p>5. Number of annual cases transferred to public hospitals (#)</p>	<p>1. Annual average bed occupancy rate (%)</p> <p>2. Percentage of clients that have used the service before (%)</p> <p>3. Percentage of clients that provide a high satisfaction rating after their visit to the health facility (%)</p> <p>4. Number of energy efficient and environmentally friendly hospital buildings/facility/equipment (#)</p> <p>5. Number of people benefitting from private health insurance services</p> <p>6. Number of eco-friendly initiatives and green policies</p> <p>7. Number of healthcare outreach programs and/or activities including number of people reached and/or value of money spent</p> <p>8. Number of preventive visits and/or screenings</p> <p>9. Number of jobs created (#)</p>	Existence of policy to cover vulnerable groups (at least 20% of total users).	<p>Ex-ante: IEC activity reports; healthcare service statistics; health sector HR data;</p> <p>Ex-post: Reporting and site visit to confirm compliance;</p> <p>Questionnaire of satisfaction among users</p> <p>standard/tool: Indicators - Global Health Observatory; Health facility mapping; Checklist for pharmaceutical service for health organizations; Health Development Center data; Health care expenditure data; MSFA GHG reduction tool; MSFA risk assessment tool</p>	<p>State Policy on Public Health (2001); National program for Prevention and Control of Accidents and Injuries (2018-2022); National Program on Nutrition (2016-2025); National Program Against Non-communicable Disease (2017-2021); National Program "Healthy Teeth" (2019-2026); National Program "Healthy Liver" (2017-2020); National Strategy for Reducing Salt Consumption (2015-2025); National Program "Urbanization and Health (2016-2020); Vision 2050-Objective 2.2;</p>	<p>International health regulations (WHO); WHO guideline on country pharmaceutical pricing policies; Affordable care act</p>

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	<p>parasitic diseases, and local diseases;</p> <p>provision of space, technical research and development, health facilities, medical equipment and medicine supply, professional personnel and vocational training for the above services;</p> <p>immunization vaccine supply and vaccination services;</p> <p>medical and social insurance for preventive care and regular screening;</p> <p>promotion of healthy living, physical activities, sport activities and healthy diet</p>			10.Number/type of innovative advanced technologies for increased accessibility for people with special needs				
10.1.3 Women's and children's health services	Services for pregnant women and infants such as health care for pre-pregnancy, pre-pregnancy healthy birth examinations and	3.1, 3.2, 3.7, 2.2	1. Annual Number of women's and children's patient visits (#)	<p>1. Percentage of clients that provide a high satisfaction rating after their visit to the health facility (%)</p> <p>2. Number of energy efficient and environmentally</p>	Institutions applying inclusive and sustainable practices are eligible. Existence of policy to	<p>Ex-ante: Healthcare service statistics; health sector HR data;</p> <p>Ex-post: Reporting and site visit to confirm compliance;</p> <p>Questionnaire of satisfaction among users</p>	National program "Maternal, child and reproductive health" (2017-2021); Vision 2050- Objective 2.2.9; Integrated Management of Childhood illnesses (UNICEF); MNS	Paediatric standards of care (8 standards)-WHO; Standards for maternal and neonatal care (WHO); Affordable care act

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/C riteria/Exclus ion	Mean of Verification	Relevant national and industry regulations*/ policies/standards	Relevant international standards
	diagnosis of risk factors and chronic diseases, monitoring and health care during pregnancy and childbirth, prenatal screening and diagnosis, safe delivery, child health care, family planning examination, disease prevention and treatment, provision of spaces, health facilities, medical equipment, essential medicine, professional personnel for the above services; awareness raising and education of the health of pregnant women, newborn babies and children; nutrition improvement services for children in poverty-stricken areas; professionals training in health care for women and children; gynecological		2. Annual number of cases transferred to public hospitals (#)  3. Annual Maternal mortality at the hospital (%)  4. Annual Infant mortality at the hospital (%)  5. Ratio of qualified staff to patients (e.g. 1:10)  6. Average cost of services provided for standard treatments (MNT)  7. Number of people benefitting from subsidies on health insurance (#)	friendly hospital buildings/facility/equipment (#) 3. Number of eco-friendly initiatives and green policies 4. Number of healthcare outreach programs and/or activities, number of people reached and/or value of money spent 5. Number of preventive visits and/or screenings 6. Number of jobs created (#) 7. Number/type of innovative advanced technologies for increased accessibility 8. Incidence of birth defects (%) 9. Number of women and children served by affordable primary healthcare (#)	cover vulnerable groups (at least 20% of total users).	Assessment standard/tool: Indicators - Global Health Observatory; Health facility mapping; Checklist for pharmaceutical service for health organizations; NSO statistics; Health Development Center data; Health care expenditure data; MSFA GHG reduction tool; MSFA risk assessment tool	6881:2010 "Structure and operation of maternity service" and series of other MNS standards on pediatric and neonatal cares;	

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	service; after birth service							
10.1.4 Adolescent Health services and reproductive health	<p>Including provision of spaces, places, health facilities, medical equipment, essential medicine and services, professional personnel training, prevention and treatment of common diseases, infectious diseases and reproductive diseases for adolescents;</p> <p>health education, psychological health examinations, consultation, treatment and other services for psychological problems and common mental diseases of teenagers, improved nutrition of teenagers in poverty stricken areas, intelligent products for</p>	3.3, 3.4, 3.7, 3.8	<p>1. Number of adolescents treated</p> <p>2. Number of adolescents satisfied with the services</p> <p>3. Proportion of adolescents who recover after treatment</p> <p>4. Ratio of qualified staff to patients (number of psychologists, reproductive health professionals, IEC personnel per 1000 users)</p> <p>5. Annual number of cases transferred to public hospitals (#)</p> <p>6. Annual number of adolescent patient visits and consultations by gender and age (#)</p> <p>7. Average cost of services provided for standard treatments (MNT)</p> <p>8. Proportion of adolescent service fees covered from public health insurance system (#)</p>	<p>1. Eco-friendly initiatives and green policies -additional</p> <p>2. Number of adolescents, by sex who obtained counseling on reproductive health</p> <p>3. Number/frequency of addiction prevention campaigns among adolescents</p>	<p>Institutions applying inclusive and sustainable practices are eligible. Existence of policy to cover vulnerable groups (at least 20% of total users).</p>	<p>Ex-ante: Plan and description of activities with target impact; healthcare service statistics; Health sector HR data</p> <p>Ex-post: Reporting and site visit to confirm compliance; Questionnaire of satisfaction among users</p> <p>Assessment standard/tool: national quality standard for adolescent care; NSO data; Checklist for pharmaceutical service for health organizations; NSO statistics; Health Development Center data; Health care expenditure data; MSFA GHG reduction tool; MSFA risk assessment tool</p>	<p>National Program on Teenager and Youth Development (2007-2015); Law on Monetary Assistance to the Child and Family, 2006; Law on HIV and AIDS, 1994 (amended in 2004); Citizens' Health Insurance Law of Mongolia, 200; Family Law, 1999; Health Act, 1998; Law on Social Welfare, 1998; Law on Social Insurance, 1994; National Programme for Teen and Young Population Development, 2007-2015; Health Sector Strategic Master Plan of the Government of Mongolia 2006-2015; Population Development Policy 2004-2015; National Programme for Improving the Outlook of Living for Children and Adolescents; National Development Strategy 2008-2015; Health Minister's Order No. 158 of 2002 (formulation of</p>	<p>GLOBAL STANDARDS FOR QUALITY HEALTH-CARE SERVICES FOR ADOLESCENTS (8 standards: Standard 1 – Adolescents' health literacy; Standard 2 – Community support; Standard 3 – Appropriate package of services; Standard 4 – Providers' competencies; Standard 5 – Facility characteristics; Standard 6 – Equity and nondiscrimination; Standard 7 – Data and quality improvement; Standard 8 – Adolescents' participation)</p>

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	<p>adolescent vision health and prevention of online games addiction;</p> <p>prevention of obesity among teenagers, prevention from tobacco addiction, alcohol addiction and drug addiction</p>						<p>the AFHS Model); Government Resolution No. 245, 2002 -- National Programme of Action for the Development and Protection of Children; National Plan of Action on Development and Protection of Children 2002–2010; Government Order A/41/63/33 passed in 1998 (Adolescent Health Cabinet was established in most provinces by 2001); Government Resolution No. 5, 1998 — National Programme of Health Education for the population 1998–2005; Government Resolution No. 30, 1997 — National Programme on School Pupils and Adolescent Health</p>	
10.1.5 Occupational health services	<p>Inspection, diagnosis, treatment, improvement of working environments, provision of protective equipment services, as well as places, health facilities, medical</p>	<p>3.8, 3.9, 3.b 8.8, 16.1, 3.4, 5.2.1, 6.2, 3.d</p>	<p>1. Existence of health facilities and personnel for workers</p> <p>2. Proportion of workers treated</p> <p>3. Proportion of workers who recover after treatment</p>		<p>Institutions applying inclusive and sustainable practices are eligible. Existence of OHS policy/practice.</p>	<p>Ex-ante: Healthcare service statistics; health sector HR data; Plan and description of activities with target impact</p> <p>Ex-post: Reporting and site visit to confirm compliance</p> <p>Assessment standard/tool: Indicators - Global Health Observatory; Health</p>	<p>Labour Law of Mongolia (1999); Law on national Control and Inspection (2003), Law on OHS (2008); MNS-4990:2015 - Occupational Health and Safety standard, MNS 12,05,051:1991 Radioactive product amount tolerated to the workplace;</p>	<p><a href="#">C155 - Occupational Safety and Health Convention, 1981 (No. 155)</a></p> <p><a href="#">C176 - Safety and Health in Mines Convention, 1995 (No. 176) - ILO</a></p>

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/C riteria/Exclus ion	Mean of Verification	Relevant national and industry regulations*/ policies/standards	Relevant international standards
	<p>equipment, medical facilities, necessary medicine for workers of enterprises, institutions, individual economic organizations and other employing units who are exposed to dust, radioactive substances and other toxic and harmful factors in their occupational activities;</p> <p>provision of protection facilities, necessary medicines, training of professionals and talents, developing new technologies, new processes, new equipment and new materials to protect workers' health, research on new occupational diseases, occupational health training;</p>		<p>4. Ratio of qualified staff to patients</p> <p>5. Amount of occupational disease prevalence</p> <p>6. Premature death rate caused by severe chronicle diseases</p> <p>7. Implementation rate of company's OHS (hospital) policy/practice</p> <p>8. Proportion of employees covered by regular (biannual/annual) health screening</p> <p>9. Number of workers who participated in occupational health training/services dealing with mental health/workplace violence/and sexual harassment</p> <p>10. Eco-friendly initiatives and green policies</p>			<p>facilities mapping; NSO statistics; Health Development Center data; Health care expenditure data; MSFA GHG reduction tool; MSFA risk assessment tool</p>	<p>MNSOSHAS18001:2012"Management system - requirement for Occupational health and safety" and other MNS standards on OHS (www.hss.mn)</p>	

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	services dealing with mental health, workplace violence, and sexual harassment							
10.1.6 Mental health & substance use disorders	Inspection, diagnosis, treatment of mental disorders (e.g. anxiety, depression), mental illnesses and substance abuse.	3.3, 3.4, 3.7, 3.8	<ol style="list-style-type: none"> <li>1. Users' waiting duration for consultation and for hospitalization.</li> <li>2. Number of people treated</li> <li>3. Number of people who recover after treatment</li> <li>4. Ratio of qualified staff to patients (number of psychologists, other necessary staff provisions)</li> <li>5. Annual number of cases transferred to public hospitals (#)</li> <li>6. Annual number of patient visits and consultations by gender and age (#)</li> <li>7. Average cost of services provided for standard treatments (MNT)</li> <li>8. Number of people benefitting from public, private health insurance services (#)</li> </ol>	<ol style="list-style-type: none"> <li>1. Premature death rate caused by mental health issues</li> <li>2. Premature death rate caused by substance abuse/overdose</li> <li>3. Outreach of rural/remote/isolated users (rural area; peripheral districts)</li> </ol>	Institutions applying inclusive and sustainable practices are eligible. Existence of policy/services for inclusion of low income/vulnerable ppl (mandatory).	<p>Ex-ante: Plan and description of activities with target impact, healthcare statistics, Health sector HR data</p> <p>Ex-post: Reporting and site visit to confirm compliance</p> <p>Assessment standard/tool: Indicators on Global Health Observatory, Mapping of facilities; Checklist for pharmaceutical service for health organizations; NSO statistics; Health Development Center data; Health care expenditure data; MSFA GHG reduction tool; MSFA risk assessment tool</p>	<p>Law on Mental Health (2013); National Program on Mental Health (2010-2014); National Program on Mental Health (2015-2019);</p>	<p>ISO 45003 standard Guidelines for managing psychosocial risks; Affordable Care Act;</p>



Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
			9. Proportion of vulnerable users among total users					
10.1.7 Elderly care	<p>Provision of short-term, long-term and door-to-door services of rehabilitation, palliative care, nursing, and elderly care;</p> <p>provision of spaces, health facilities, medical rehabilitation equipment and necessary medicine for the above services, barrier-free reconstruction of residential buildings and blocks for the elderly, mental health and psychological care services for the elderly, artificial intelligent services for the elderly, design and development of artificial intelligent and</p>	3.3, 3.4, 3.7, 3.8	<p>1. <i>Proportion of elderly people with access to nursing, rehabilitation nursing, elderly care, community rehabilitation service in urban and rural areas</i></p> <p>2. <i>Ratio of qualified staff to elderly people in care</i></p> <p>4. <i>Eco-friendly initiatives and green policies</i></p> <p>5. <i>Elderly people's waiting duration for hospitalization/in-house admission to nursing facility</i></p> <p>6. <i>Annual number of elderly people admitted to in-house nursing by gender and age (#)</i></p> <p>7. <i>Average cost of services provided for standard services (MNT)</i></p> <p>8. <i>Number of elderly people benefitting from</i></p>	1. Number of barrier free access facilities-threshold	Institutions applying inclusive and sustainable practices are eligible.	<p>Ex-ante: Healthcare data, accessibility features, HR data</p> <p>Ex-post: Reporting and site visit to confirm compliance</p> <p>Assessment standard/tool: Global Strategy and Action Plan on Ageing and Health, Mapping of facilities; Checklist for pharmaceutical service for health organizations; NSO statistics; HDC data, Health care expenditure data</p>	<p>National program “Healthy aging and health of the elderly” (2014-2020), MNS 5823 : 2016 - Common requirements for elderly care; Medical protocols for geriatric care; MNS 6056:2009 “Guideline for planning pediatrician road and road for disabled”; MNS 6056:2009 “Key criteria and required space for disabled in the social facilities” Law of Mongolia for elderly people; National policy on Population development 2004; National policy on Family development 2003; Revision of 1998 National Program on Health and Social Protection of Older People 2003; Social security sector master plan 2003; Health Sector Strategic master plan 2005; National strategy on Population Ageing</p>	Global Strategy and Action Plan on Ageing and Health; Affordable Care Act;

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	smart products, wearable health monitoring equipment, mobile application software for health care for the elderly, and training of nursing staff for the elderly, etc.,		<i>public, private health insurance services (#)</i>  <i>9. Proportion of vulnerable users among total users</i>				2009; Policy revisions on employment promotion and social welfare 2010	
10.1.8 Health services for other key vulnerable groups	Provision of medical places, orphanages, administrative centers to facilitate adoption;  Medical equipment, medicine, barrier-free facilities and professional service personnel which are needed to ensure that the disabled, the poor, migrant populations, the left behind, orphans and other vulnerable groups have access to health education, disease prevention, treatment, control, care, rescue, psychological	3.3, 3.4, 3.7, 3.8	1. Proportion/number of people with access  to shelters, relief homes, orphanages, special rehabilitation institutions for the disabled, special medical places for rehabilitation  2. Ratio of qualified medical staff to people working in these services  3. Annual number of vulnerable people served  4. Eco-friendly initiatives and green policies  5. Average cost of services		Institutions applying inclusive and sustainable practices are eligible. Compliance with ACA affordability requirement for low and middle income users; Existence of policy to cover vulnerable groups (at least 20% of total users).	Ex-ante: Mapping of facilities; accessibility features, HR data Ex-post: Reporting and site visit to confirm compliance Assessment standard/tool: Checklist for pharmaceutical service for health organizations; NSO statistics; Health Development Center data; Health care expenditure data; MSFA GHG reduction tool; MSFA risk assessment tool	Procedure on financial support to private care centers/shelters (Joint resolution 03/03 of Minister of Finance and Minister of Social Welfare 8th Jan 2018); MNS 6056:2009 “Guideline for planning pedestrian road and road for disabled”; MNS 6056:2009 “Key criteria and required space for disabled in the social facilities”	ISO 22395:2018 Security and Resilience - Community Resilience - Guidelines for supporting vulnerable persons in emergency ; Affordable Care Act;

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	care, and other health services.							
<b>10.2 TECHNOLOGY INNOVATION AND PROMOTION OF HEALTH CARE</b>								
10.2.1 ICT for health care efficiency and provision	campaigns for healthy lifestyle interventions for health risk factors, and promotion of new health care technology, products and services, education activities for reproductive and sexual health education such as family planning	3.8 9.4	<p>1. Number of diseases identified by ICT for basic health care,</p> <p>2. Number of people benefited from ICT-supported healthcare services</p> <p>3. Time saved for medical treatment by ICT for health care (usage efficiency)</p> <p>4. Cost savings of medical treatment by ICT for health care efficiency usage</p> <p>5. Proportion of successful consultations (satisfaction questionnaire)</p> <p>6. Eco-friendly initiatives and green policies</p>	1. Number of online consultations and online appointment for medical care	Existence of a privacy policy for personal information; ; Existence of policy to cover vulnerable group (at least 20% of total users). Full fulfillment of legal obligation for hiring disabled	<p>Ex-ante: Plan and description of activities with target impact; ESG Due Diligence</p> <p>Ex-post: Reporting and site visit to confirm compliance</p> <p>Assessment standard/tool: MSFA risk assessment tool; Checklist for pharmaceutical service for health organizations; NSO statistics; Health Development Center data; Health care expenditure data; MSFA GHG reduction tool; MSFA risk assessment tool</p>	<p>Procedures and standards for electronic registration for health service:</p> <ul style="list-style-type: none"> <li>• Electronic medical record standards,</li> <li>• Patient electronic transfer procedures,</li> <li>• Patient summary procedures,</li> <li>• Standards for identifying stakeholders in health care.</li> </ul>	Enterprise Architecture for health sector; Health information exchange platform; Affordable Care Act;
10.2.2 Promotion of healthcare	Campaigns for healthy lifestyle interventions for health risk factors, and promotion of new health care technology, products	3.8 9.4	<p>1. Number of technology based healthcare publicity programmes</p> <p>or activities organized</p> <p>2. Proportion/number of target groups receiving</p>		Institutions applying inclusive and sustainable practices are eligible. At least 20 %??? of medical expenditure	<p>Ex-ante: IEC activity reports; healthcare service statistics; health sector HR data;</p> <p>Ex-post: Reporting and site visit to confirm compliance</p> <p>Assessment standard/tool: Indicators</p>	State Policy on Public Health (2001); National program for Prevention and Control of Accidents and Injuries (2018-2022); National Program on Nutrition (2016-2025); National Program Against Non-	Standards for Health Promotion in Hospitals (WHO) ; Affordable Care Act;

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	and services, education activities for reproductive and sexual health education such as family planning		health care education services  3. Knowledge and awareness of people regarding healthcare (e.g. through online questionnaire)  4. Eco-friendly initiatives and green policies		to be spent on prevention/IEC activities. Fulfillment of legal obligation for hiring disabled	- Global Health Observatory; Health facility mapping; Checklist for pharmaceutical service for health organizations; NSO statistics; Health Development Center data; Health care expenditure data; MSFA GHG reduction tool; MSFA risk assessment tool	communicable Disease (2017-2021); National Program "Healthy Teeth" (2019-2026); National Program "Healthy Liver" (2017-2020); National Strategy for Reducing Salt Consumption (2015-2025); National Program "Urbanization and Health (2016-2020); Vision 2050-Objective 2.2;	
10.2.3 Medical technology innovation	Medical experiments and research for Clinical Medicine, Stomatology, Public Health and Preventive Medicine, Pharmacy, Special Medicine, Medical Technology, Nursing, Biomedical Engineering and Other Medicine for ed groups; staffing, training, facilities and medical products for these activities for essential medical technology	3.8 9.4	<i>1. Amount of R&amp;D spending on diseases relevant to target groups</i>  <i>2. Proportion of new applied innovation to test and treat major diseases, major infectious diseases</i>  <i>3. Ratio of successful cases of innovation</i>  <i>4. Ratio of qualified ICT staff</i>  <i>5. Expenditure on ICT development for health care</i>		Cosmetics and plastic surgery is not eligible	Ex-ante: Plan and description of activities with target impact Ex-post: Reporting and site visit to confirm compliance Assessment standard/tool: List of innovative products in the health sector; Health care expenditure data; MSFA GHG reduction tool; MSFA risk assessment tool	National program to improve medical technology (2002); State Policy on Innovation (2020)	ITEMAS innovation indicators and innovation management system standards
10.3 MANUFACTURING AND SUPPLY FOR MEDICAL AND SANITATION INDUSTRIES								

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
10.3.1 Medical and health equipment and device supply	Import for medical diagnostic, monitoring, and treatment equipment; dental equipment and appliances; medical laboratories and medical sterilization equipment and appliances; medical and surgical equipment; mechanical treatment and ward care equipment; rehabilitation aids; manufacturing and supply of intelligent health equipment such as assisting the elderly and disabled and other medical equipment and devices for targeted vulnerable groups	3.8 9.4	<p>1. <i>Proportion of fair priced medicines and medical equipment,</i></p> <p>2. <i>Availability of medical equipment</i></p> <p>3. <i>Quality assurance of medical equipment</i></p> <p>4. <i>Average cost of medical equipment and supply</i></p> <p>5. <i>Users satisfaction rate</i></p>		Fair priced (Fair price accreditation) , energy efficient and high quality devices are eligible.	<p>Ex-ante: Plan and description of activities with target impact</p> <p>Ex-post: Reporting and site visit to confirm compliance</p> <p>Assessment standard/tool: Energy star; quality and safety standard (ISO 13485:2016); Checklist for pharmaceutical service for health organizations ; WHO Essential Medicines and Health Products Price and Availability Monitoring Mobile Application (WHO EMP MedMon); Health Development Center data; Health care expenditure data; MSFA GHG reduction tool; MSFA risk assessment tool</p>	<p>MNS ISO 13485-98: Medical devices-specific criteria for applying ISO 9001; MNS 4621:2008 “Medical technology. Common Action of Medical care and diagnostics”</p> <p>ТЛЭГ ҮЙЛ АЖИЛЛАГАА</p>	Energy star for medical equipment (medical imaging equipment)

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
10.3.2 Manufacturing and supply of essential medical drugs and pharmaceutical products	Manufacturing of chemical raw materials, chemical preparations, biological drugs, genetically engineered drugs and vaccines for essential drugs and pharmaceuticals; import and sale of sustainably sourced and packaged drugs; drugs of eco-friendly substances; reducing pharmaceutical wastage and improving waste management; inclusive packaging (braille);	3.89.4, 12.4	1. Price of basic medical drugs and pharmaceutical products  2. Availability of basic medical drugs and pharmaceutical products  3. Quality assurance of basic medical drugs and pharmaceutical products  4. Number of safe disposal facilities for chemicals  5. Average industry price per product		Excluding cosmetics and other beauty products, and drugs for other elective treatments; Counterfeit medication is excluded.	Ex-ante: Plan and description of activities with target impact; national data on price on drugs and pharmaceutical products; Certificate of origin of drugs; check eligibility list and compliance with standards Ex-post: Reporting and site visit to confirm compliance Assessment standard/tool: Health Development Center data; Health care expenditure data; MSFA GHG reduction tool; MSFA risk assessment tool; Checklist for pharmaceutical service for health organizations; WHO Essential Medicines and Health Products Price and Availability Monitoring Mobile Application (WHO EMP MedMon)	MNS 5260:2015 Medical technology. Common requirements for pharmacies; MNS 5530:2014 Medical technology. Common requirements for storage and distribution of drugs and medical devices; Law on drugs and medical devices	Norms and standards for pharmaceuticals developed by WHO;
10.3.3 Manufacturing and supply of supportive sanitary, sterilization and medical supplies	Manufacturing of sanitary & sterilization materials, surgical dressings, and other internal and surgical medical products and pharmaceutical	3.8 9.4	1. Price of sanitary, sterilization and medical products  2. Availability of sanitary, sterilization and medical products		Unsustainable use of natural resources, highly polluting processes, and unethical production are excluded.	Ex-ante: Wholesale price data of sanitary, sterilization and medical products, National Inspection agency data; ESG due diligence Ex-post: Reporting and site visit to confirm compliance	Hygiene Law of Mongolia (2016); MNS 6392:2013 "Hygiene criteria for medical facilities"	The EU Ecolabel for Absorbent Hygiene Products; GS1 standard for cleaning/hygiene products

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	accessories for targeted groups		3. Proportion of high quality sanitary, sterilization and medical products			Assessment standard/tool:Health Development Center data; Health care expenditure data; MSFA GHG reduction tool; MSFA risk assessment tool; Checklist for pharmaceutical service for health organizations;WHO Essential Medicines and Health Products Price and Availability Monitoring Mobile Application (WHO EMP MedMon)		
<b>10.4 HEALTHCARE LOGISTICS SERVICES</b>								
10.4.1 Retail and wholesale of medicines and other health products	Wholesale and retail (including online retail) of pharmaceutical products for the basic treatment of essential illnesses and injuries	3.8 9.4	1. Cost of retail and wholesale products  2. Access to products in terms of price and geography  3. Low carbon logistics for the sales, delivery and storage		retail of non-essential medical products e.g. cosmetics, personal performance enhancement products etc. are not included. Medicines without certificate of origin are excluded.	Ex-ante: Plan and description of activities with target impact; check eligibility list and compliance with standards Ex-post: Reporting and site visit to confirm compliance Assessment standard/tool: Health Development Center data; Health care expenditure data; MSFA GHG reduction tool; MSFA risk assessment tool; Checklist for pharmaceutical service for health organizations; list of essential pharmaceutical products; WHO Essential	MNS 5260:2015 Medical technology. Common requirements for pharmacies; MNS 5530:2014 Medical technology. Common requirements for storage and distribution of drugs and medical devices; Law on drugs and medical devices	WHO guideline on country pharmaceutical pricing policies; Affordable care act

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
						Medicines and Health Products Price and Availability Monitoring Mobile Application (WHO EMP MedMon)		
10.4.2 Rental services for medical and sanitation equipment and supplies	Including rental services for medical equipment, rehabilitation aids for targeted groups	3.8 9.4	1. Cost of products in rental services  2. Access to rental services of medical and sanitation equipment in terms of price and geography		The process that meet the minimum requirements for hygiene is eligible. Existence of policy to cover vulnerable group (at least 20% of total users).	Ex-ante: Plan and description of activities with target impact Ex-post: Reporting and site visit to confirm compliance Assessment standard/tool: NSO statistics; HDC data; WHO Essential Medicines and Health Products Price and Availability Monitoring Mobile Application (WHO EMP MedMon)	MNS 5260:2015 Medical technology. Common requirements for pharmacies; MNS 5530:2014 Medical technology. Common requirements for storage and distribution of drugs and medical devices; Law on drugs and medical devices	WHO guideline on country pharmaceutical pricing policies; Affordable care act
<b>10.5 STORAGE AND DELIVERY</b>								
10.5.1 Pharmaceutical and health product storage and delivery service activities	Storage and delivery service activities of health related products such as medicines, medical supplies and equipment to targeted groups	3.8, 3b	1. Storage capacity  2. Inventory volume  3. Storage capacity utilization rate  4. Delivery speed and quality compared to average levels  5. Energy consumption compared to average levels		Energy efficient facilities and low carbon delivery are eligible. Compliance with ISO quality standard and ISO environmental standard.	Ex-ante: Plan and description of activities with target impact; ESG due diligence Ex-post: Reporting and site visit to confirm compliance Assessment standard/tool: Checklist for pharmaceutical service for health organizations; NSO statistics; Health Development Center data; Health care expenditure data; MSFA GHG reduction tool; MSFA risk assessment tool	MNS 5260:2015 Medical technology. Common requirements for pharmacies; MNS 5530:2014 Medical technology. Common requirements for storage and distribution of drugs and medical devices; Law on drugs and medical devices	Affordable Care Act; WHO specifications for pharmaceutical preparation: Good trade and distribution practice (GTDP) of pharmaceutical starting materials; stability testing of pharmaceutical products containing well-established drug substances in conventional dosage forms; Good manufacturing practices; Cold chain, especially for vaccines and biologicals



Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/C riteria/Exclus ion	Mean of Verification	Relevant national and industry regulations*/ policies/standards	Relevant international standards
			6. Losses due to lack of storage and delivery  capacity					
<b>10.6 EPIDEMIC CONTROL</b>								
10.6.1 Facilities, services and channels for epidemic disease	Facilities, services and channels for epidemic disease (COVID, AIDS, tuberculosis, hepatitis, water- borne diseases, control facilities and system for zoonose disease such as marmot plague and anthrax diseases, and other communicable diseases management, vaccination and medical treatment such as emergency facilities, testing laboratories, R&D facilities, makeshift clinics, transparent information sharing, campaigns to improve public awareness of self- protection, building platforms for cross-city,	3.3,3.4, 3.8	1. Time of effective response to epidemics  2. People affected by epidemics  3. Number of new facilities for epidemic disease  4. Number of qualified staff (number of patients per doctor; number of patients per nurse)  5. Number of beds for epidemic disease  6. Number and capacity of laboratories for testing	1. People engaged by public information and awareness creation	Facilities and institutions with safe and environmenta lly friendly disposal of waste are eligible. Existence of policy to cover vulnerable groups (at least 20% of total users).	Ex-ante: Plan and description of activities with target impact Ex-post: Reporting and site visit to confirm compliance Assessment standard/tool: Checklist for pharmaceutical service for health organizations; NSO statistics; Health Development Center data; Health care expenditure data; MSFA GHG reduction tool; MSFA risk assessment tool	National Program for Environmental Health (2017-2020); National Program for prevention and control of Communicable Disease (2017-2021); MNS 5766:2007 “Technical specifications for disinfecting the materials infected or at risk of being infected by epidemic diseases with natural foci”; Series of MNS standards on communicable diseases	Global Epidemiological Surveillance Standards for Influenza; ISO/PAS 45005:2020 Occupational health and safety management-General guidelines for safe working during the COVID-19 pandemic; ISO/DIS 5472 Pandemic response (Respiratory) -Walk- through screening station; O/TS 22332:2021 Security and resilience -Business continuity management systems - Guidelines for developing business continuity plans and procedures;

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	cross-province and cross department cooperation							
<b>11. EDUCATION</b>								
<b>11.1 EDUCATION</b>								
11.1.1 Inclusive and equitable pre-school, primary education	Construction, expansion and reconstruction of resources needed for preschool and primary school children's care and education, new educational and teaching equipment, staffing, playgrounds, green space; children's activity rooms, service rooms; Culturally, linguistically, and developmentally appropriate program, teaching materials, required technology, furniture, musical instruments, toys and information equipment, after school activities and services; accessible school bus services;	1.2, 1.4, 4.1, 4.2, 4.5, 4.6, 5.1, 10.2, 11.1, 13.3, 16.6, 4.a, 4.c	1.Safety standard qualification  2.Qualification/ professional grade of teachers  3.Low student-to-teacher ratio in accordance with relevant legislation and standards  4.Number/amount of financial aid, scholarship, child support services (low income and vulnerable)  5. Implementation of accessible campus practices  6. Curriculum for early childhood development including SDG education  7.Area of classroom space per student during the reporting period.	1. Accessible, comprehensive, open process for admission 2. Number of preschoolers by Gender 3. Number of child protection team in the preschool institutions 4. Curriculum for children with special need 5. Availability of paraprofessionals for students with special needs 6. Implementation of green campus practices, including the curriculum on sustainability 7. Availability of different/flexible payment arrangements 8. Proportion of low income/special need populations enrolled 9. Prevention of bullying and discrimination policies 10. Availability of counseling service	The building materials and facilities that meet the applicable standards on health requirements and space per children are eligible;  Existence of credible license to operate from a relevant authority	Ex-ante: Plan and description of activities with target impact; gender disaggregated data, certificate of inclusive practices, other available proof documents Ex-post: Reporting and site visit to confirm compliance; Users'(parents) satisfaction questionnaire Assessment standard/tool: Pedagogical certificates; professional grades; qualifications metrics; MSFA risk assessment tool; Approved Curriculum; other means of proofs to showcase claimed impacts	Law of Mongolia on Education; Law on preschool education (2008); Law on Children's right; Law on Child Protection; Law against Domestic Violence; Child Protection Policy of Kindergarten; Policy and Guideline for Child Protection (2018); Homeschooling program for children (2018); National Program for Education for Sustainability (2018); MNS 6558:2015. Training environment for preschool organizations; MNS 6799: 2019. Hygiene specifications for educational environment; other relevant standards and regulations	ISO 21001:2018. Educational organizations — Management systems for educational organizations; NAEYC standards for early child development: <a href="https://www.naeyc.org/our-work/families/10-naeyc-program-standards">https://www.naeyc.org/our-work/families/10-naeyc-program-standards</a> ; GIIN IRIS + metrics

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/C riteria/Exclus ion	Mean of Verification	Relevant national and industry regulations*/ policies/standards	Relevant international standards
11.1.2. Inclusive and equitable secondary education	Construction, expansion and reconstruction of the resources needed for secondary school education and facilities for inclusive access, new educational and teaching equipment, staffing, recreational facilities, centralized green space; children's activity rooms, service rooms; culturally and linguistically accessible curricula, teaching materials, required technology, furniture and specialized room equipment, educational instruments, and information technology equipment, after school activities and services; accessible school bus services; ecological and botanical		8.Area of classroom space built, converted, or expanded for use within educational facilities during the reporting period. Report only space completed during the reporting period.  9.Number of textbooks or digital educational resources per student provided by the organization during the reporting period.  10.Number of complaints registered by parents/students of the educational institution during the reporting period.  11.Percentage of students receiving free and subsidized school meals as of the end of the reporting period.  12.Number of students residing in peri-urban areas enrolled as of the end of the reporting period, both full- and part- time.  13.Number of low-income students enrolled as of the end of the reporting	11. Availability of school doctor and nursery 12. Gender balance of students 13. Availability of teenage counseling service, prevention of bullying and discriminations				ISO 21001:2018. Educational organizations — Management systems for educational organizations; NAEYC standards for early child development: <a href="https://www.naeyc.org/our-work/families/10-naeyc-program-standards">https://www.naeyc.org/ our-work/families/10- naeyc-program- standards</a> ; GIIN IRIS + metrics

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	laboratory constructions;		<p>period, both full- and part-time.</p> <p>14.Average school fees per student per month during the reporting period.</p> <p>15.Provision of transportation to students that needed or requested it during the reporting period.</p> <p>16.Number of teachers at the organizations as of the end of the reporting period who have obtained training or have qualifications that meet or exceed the minimum requirements of the local area.</p> <p>17.Number/amount of financial aid, scholarship, child support services (low income and vulnerable)</p>					
11.1.3. Inclusive and equitable higher education	Construction, expansion and reconstruction of resources for college, full-time and part-time graduate students, adult higher education and higher vocational	1.2, 1.4, 4.3, 4.4, 4.7, 5.1, 10.2, 11.1, 13.3, 16.6, 4.b	<p>1. Number of students by gender</p> <p>2. Proportion of low income/special need populations enrolled</p> <p>3. Qualification of faculty members</p>		Existence of credible license to operate from a relevant authority	Ex-ante: Plan and description of activities with target impact, compliance with sustainable university/school certifications/networks/gender disaggregated data, existence of equal treatment policies	Law of Mongolia on Education; Law on tertiary education (2002); Vision 2050; State Policy on Education (2014-2024); National Program for Education for Sustainability (2018); MNS 6799: 2019.	

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/C riteria/Exclus ion	Mean of Verification	Relevant national and industry regulations*/ policies/standards	Relevant international standards
	education, new educational and teaching equipment, staffing, college buildings (including classroom, experimental, practical and training rooms and areas, libraries, indoor sports rooms, school administrative offices, faculty offices, teachers and students activity rooms, meeting halls, event halls, student dormitories, dining halls, teacher housing, staff motor vehicles, bicycle parking, logistics and accessory rooms); teaching materials, furniture, electrical appliances, teaching and scientific equipment, medical and information equipment; full-		<p>4. Employment rate of students after graduation</p> <p>5. Equal treatment of students</p> <p>6. Application of accessible campus practices</p> <p>7. Green campus practices</p> <p>8. Integration of Sustainability concept into academic curriculum</p> <p>9. Number/amount of scholarships/financial aids available</p> <p>10. Number of accredited curriculums</p> <p>11. Ratio of masters/Phd alumni</p> <p>12. Availability of career counseling</p> <p>13. Number and types of degree programs, specializations</p> <p>14. Gender balance</p> <p>15. Availability/ratio of dormitory space to students from rural areas</p>			Ex-post: Reporting and site visit to confirm compliance, Users/Students' satisfaction questionnaire Assessment standard/tool: AASHEE benchmarking tool/ Sustainability Tracking, Assessment & Rating System (STARS)/sustainability assessment questionnaire for colleges and universities, Accredited curriculum, MSFA, MSFA risk assessment tool;	Hygiene specifications for educational environment; ISO 9001, 14001, 21001, 45001	

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	time teachers, off campus teachers, health technology and staff, vocational training;							
11.1.4. Inclusive and equitable education for vulnerable groups	Construction, expansion and reconstruction of resources needed for the education of people with disabilities and other vulnerable groups including dyslexic, blind, deaf, mentally disabled and other disabled students, the elderly, illiterate adults, children who drop out of school for socioeconomic reasons etc. extra-allowances for teachers working with students with special needs; new educational and teaching equipment, staffing, etc. E.g. teaching and teaching auxiliary rooms (including general classrooms, language classrooms,	4.1, 4.5, 4.6, 4.7, 4.a, 4.c, 5.110.213.3 , 1.2, 1.4	<ol style="list-style-type: none"> <li>1. Number of students enrolled by gender and age</li> <li>2. Proportion of low income/special need populations enrolled (per 1000 students)</li> <li>3. Qualification of teaching and nursing staff</li> <li>4. Users satisfaction level</li> <li>5. Implementation of universal/inclusive campus practices</li> <li>6. Implementation of green campus practices</li> <li>7. Application of sustainability concept into curriculum</li> <li>8. Ratio of paraprofessionals per students</li> <li>9. Number of students attending next level of education</li> </ol>		Existence of equal treatment policy; Existence of policy against bullying, discrimination, Existence of credible license to operate from a relevant authority	<p>Ex-ante: Plan and description of activities with target impact, compliance with inclusive school certifications/networks/gender disaggregated data, existence of equal treatment policies</p> <p>Ex-post: Reporting and site visit to confirm compliance, Users' satisfaction questionnaire</p> <p>Assessment standard/tool: AASHEE benchmarking tool/ Sustainability Tracking, Assessment &amp; Rating System (STARS)/sustainability assessment questionnaire for colleges and universities, Accredited curriculum, MSFA GHG reduction tool; MSFA risk assessment tool</p>	Law on Finance for Tertiary Education and Students Social Security (2011); National Program on Youth Development (2019); National Program for Education for Sustainability (2018);	ISO standards for assistive products for people with disability; ISO/IEC 24751-3:2008 Information technology — Individualized adaptability and accessibility in e-learning, education and training

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/C riteria/Exclus ion	Mean of Verification	Relevant national and industry regulations*/ policies/standards	Relevant international standards
	computer classrooms, intuitive classrooms, language training classrooms, rhythm classrooms, psychological counseling classrooms), public activity and rehabilitation rooms (including reading rooms, psychological consulting rooms, vision testing rooms, hearing testing rooms, hearing aid rooms, sensory training rooms), offices, residential space (including student dormitories, dining halls, bathrooms, toilets); general and special teaching materials, furniture teaching tools (including educational aids, physical therapy aids, hearing and communication aids, visual aids and other		10. Number/amount of scholarships/financial aids available  11. Curriculums accredited by local or international authorities					

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	hardware facilities), as well as information equipment; full-time teachers, health technology staff; vocational training, innovative and accessible education for nomads and nomadic family children who dropped school							
11.1.5. Inclusive and equitable vocational education and training	Including but not limited to the construction, expansion, reconstruction of resources needed for vocational training, employment training, skills training, educational assistance, new educational and teaching equipment, staffing, etc. E.g. teaching classrooms, teaching facilities and equipment, digital courses, full-time teachers, etc. for vocational training, adult education, senior education, etc.;	4.3, 4.4, 4.7, 1.2, 1.4, 5.1, 10.2, 11.1, 13.3, 16.6, 4.b			Existence of equal treatment policy; Existence of policy against bullying.	Ex-ante: Plan and description of activities with target impact, compliance with sustainable university/school certifications/networks; check eligibility list and compliance with standards Ex-post: Reporting and site visit to confirm compliance Assessment standard/tool: AASHEE benchmarking tool/ Sustainability Tracking, Assessment & Rating System (STARS); MSFA GHG reduction tool; MSFA risk assessment tool	Law on Vocational Training/Education (2009); State Policy on Education (2014-2024); Vision 2050; National Program on Youth Development (2019); Measures to be undertaken in regards with the vocational training (2019); Youth Employment preparation program	UNESCO Guideline for TVET for disadvantaged youth



Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	short-term/temporary/specialization trainings/continuous trainings; center development and redevelopment projects							
11.1.6. Publications & ICT based Education	Including the construction of space, hardware and supporting facilities needed for new educational and teaching models based on information technology, the provision of educational services and new models of education governance, the construction of digital resource systems, online learning spaces, (MOOC, online/cloud based academic management system), and education network security; the construction of educational software development;	4.3, 4.4, 4.5, 4.6, 4.a, 4.b, 9.c; 10.2, 10.3	<p>1. Number of IT based new space and facilities for new educational models</p> <p>2. Number of qualified ICT staff in education</p> <p>3. Average Time saved compared to conventional method of learning</p> <p>4. Number of active users of online platforms in the education system (a pre-indicator could be: number of registered users in educational online platforms)</p> <p>5. Number of trained teachers/trainers on e-literacy</p> <p>6. Number of trained teachers/trainers on online learning (this is different to e-literacy as a pedagogical concept behind)</p>	<p>1. Number of new models of education governance</p> <p>2. Construction of digital resource system</p> <p>3. Number of online learning spaces and platforms</p> <p>4. Number of educational software</p> <p>5. Number of Indigenous people/Remote population /Rural herders with access to the facilities</p> <p>3. Number of publications in the international academic journals and platforms</p>	Systems, products, projects and publications that comply with safety and copyright requirements are eligible.	<p>Ex-ante: Plan and description of activities with target impact, compliance with sustainable education certifications/networks</p> <p>Ex-post: Reporting and site visit to confirm compliance</p> <p>Assessment standard/tool: Requirements for Copyright Protection, Intellectual property registration data (Authority of Intellectual Property); Education sector HR data (NSO); MSFA GHG reduction tool; MSFA risk assessment tool</p>	Vision 2050; Copyright law of Mongolia (2021), Law of Mongolia on Innovation (2012), Digital Mongolia program (2019)	ISO/IEC TS 29140:2020 Information technology for learning, education and training — Nomadicity and mobile technologies; UNESCO ICT Competency Framework for Teachers

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	staffing; self-paced learning platforms		7. Use of digital management systems - number/proportion of processes digitalized  8. Number of students with access to digital learning (access to devices, provision of devices for disadvantaged)					
<b>11.2 CULTURE AND SPORTS INDUSTRY</b>								
11.2.1 Media for culture and sports	Programs to promote material and nonmaterial cultural heritage, sustainable development culture and cross cultural communication, including environmental documentaries, cultural and natural heritage documentaries, sports and healthcare programs, etc.; services which develop, produce, show, and distribute entertainment products and services to promote material and nonmaterial cultural heritage,	4.7, 8.9, 12.b	1. Proportion of contents/services developed for promotion of culture and sports  2. Promotion of programs/contents/services promoting and protecting local culture & heritage  3. Proportion of contents against violence, and discrimination  4. Proportion of contents and programs that support Peace & Justice  5.Types of distribution channels- (for diverse audiences)	1. Number of people benefitting from increased awareness or knowledge by gender- how do we measure? 2. Number of artists who support green music principle and eco-friendly operations	Systems, products, projects and publications that comply with safety and copyright requirements are eligible. Only non-discriminatory contents are eligible. Contents, projects and products that cover the environment, traditions, education and culture, as well as lifelong education for at least 15 % of total contents, are eligible.	Ex-ante: Plan and description of activities with target impact; ESG Due Diligence; check eligibility list and compliance with standards Ex-post: Reporting and site visit to confirm compliance Assessment standard/tool: MSFA risk assessment tool; MSFA emission reduction tool, Technical tools for heritage conservation and management, Guideline for cultural heritage (2012),	Vision 2050; State Policy on Culture, Human Development Policy (2020-2024); State Policy on Culture	World Heritage Convention; Sustainable product policy & ecodesign (European Commission), Directive 2009/125/EC and Regulation (EU) 2017/1369 - Eco-design and Energy Labelling;

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	sustainable development culture, sports and healthcare, and crosscultural communication, including universal and educationally valuable public movies, green music, etc							
11.2.2. Interactive cultural communication	Use of mobile phones, computers, televisions and other new communication terminals to create or distribute projects on the internet that promote inclusive knowledge and cultural dissemination, family and community learning, and lifelong independent education content, and use of decentralized communication methods for knowledge dissemination and information sharing, to build a learning city,	8.9, 11.4, 12.b, 17.8	<p>1. Number of new content/services developed</p> <p>2. Number of policies and measures for reducing the rate of digital divide for urban, rural and economically disadvantaged people and allocated budget</p> <p>3. Proportion of contents/services developed for promotion of culture and sports</p> <p>4. Promotion of programs/contents/services promoting and protecting local culture &amp; heritage</p> <p>5. Proportion of contents against violence, and discrimination</p>		Systems, products, projects and publications that comply with safety and copyright requirements are eligible. Only non-discriminatory contents are eligible. Contents, projects and products that cover the environment, traditions, education and culture, as well as lifelong education for at least 15 % of total contents, are eligible.	TEx-ante: Plan and description of activities with target impact; ESG Due Diligence; check eligibility list and compliance with standards Ex-post: Reporting and site visit to confirm compliance Assessment standard/tool: MSFA risk assessment tool; MSFA emission reduction tool, Technical tools for heritage conservation and management, Guideline for cultural heritage (2012),	Vision 2050; State Policy on Human Development Policy (2020-2024); State Policy on Culture; Digital Mongolia national program (2019)	World Heritage Convention; Sustainable product policy & ecodesign (European Commission), Directive 2009/125/EC and Regulation (EU) 2017/1369 - Eco-design and Energy Labelling;

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	including online cultural content media, interactive online learning platform projects, and innovative cultural online applications		6. Proportion of contents and programs that support Peace & Justice  7.Types/means of distribution channels- (for diverse audiences)					
11.2.3. Cultural protection and development	Protection and development of material cultural heritage and protection and inheritance of non-material cultural heritage, nomadic civilization, minimalist lifestyle, including but not limited to the cultural, historic tourism industry developed on this basis, and products and / or projects engaged in the dissemination and inheritance of popular, basic and creative culture, such as handicrafts and art business activities	4.7 11.4 12.b	1. Number of tangible and intangible cultural heritages protected  2. Total expenditure towards cultural heritage protection activities/services  3. Number of tangible and intangible archaeological heritages protected  4. Number of tangible and intangible paleontological heritages protected	1. Number of jobs/amount of income generated from cultural and historic activities	Systems, products, projects and publications that comply with safety and copyright requirements are eligible. Only non-discriminatory contents are eligible. Contents, projects and products that cover the environment, traditions, education and culture, as well as lifelong education for at least 15 % of total contents, are eligible.	TEx-ante: Plan and description of activities with target impact; ESG Due Diligence; check eligibility list and compliance with standards  Ex-post: Reporting and site visit to confirm compliance  Assessment standard/tool: MSFA risk assessment tool; MSFA emission reduction tool, Technical tools for heritage conservation and management, Guideline for cultural heritage (2012),	Vision 2050; Law on Protection of Cultural Heritage (2014); National Program for Inculcating Patriotism to Youth and Children (2019);	World Heritage Convention; Sustainable product policy & ecodesign (European Commission), Directive 2009/125/EC and Regulation (EU) 2017/1369 - Eco-design and Energy Labeling;

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
11.2.4. Public fitness and physical activities	Development of diversified green and sustainable lifestyle sport projects, appropriate local spaces (indoor, outdoor), training programs and promotion of activities to improve physical fitness	3.4 10.2 11.7	1. Number of users/trainees by gender  2. Average price of programs/services  3. Sport facilities in the close proximity (not travel intensive; reachable on foot or by bike)  4. Number of branches  5. Proportion of loyal customers	1. Frequency of public fitness activities of target groups 2. Number of Green Fitness Initiatives 3. Number of electricity generating equipment 4. Proportion of energy generated through fitness activity	Institutions applying inclusive and sustainable practices are eligible.	Ex-ante: Plan and description of activities with target impact; ESG Due Diligence; check eligibility list and compliance with standards Ex-post: Reporting and site visit to confirm compliance Assessment standard/tool: MSFA risk assessment tool; Sport facilities mapping; MSFA emission reduction tool; WHO Health Economic Assessment Tool (HEAT)	Vision 2050; State Policy on Sports and Physical Activities (2019); National Program for Developing Sports and Physical Activities (2019); Resolution on measures to be taken on public physical culture and sports (2009);	Global action plan on physical activity (2018-2030); Health-enhancing physical activity (HEPA) policy audit tool

**12. AFFORDABLE BASIC INFRASTRUCTURE**

12.1 COST EFFECTIVE AND AFFORDABLE BUILDING

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
12.1.1 New affordable housing construction, certification	Construction of affordable housing units on which the occupant is paying no more than 45 percent of gross income for housing costs, including utilities.	1.4 2.2, 2.4 10.2 11.1, 11.3	1. Price per m2 of an apartment (rent or purchase) compared to the average household income (MNT)  2. Number of people eligible for affordable housing by geography, gender, and type of disability (# of person)  3. Annual cost savings compared to local baseline (MNT)	1. Annual building energy consumption reduced compared to local baseline/building code (kWh/m2 and %) 2. Annual GHG emissions reduced compared to local baseline/baseline certification level (tCO2e/m2 and %) 3. Annual absolute water savings compared to project baseline/local baseline/IGCC/International Plumbing Code (m3/tons and %) 4. Number of households/beneficiaries (# of people)	Compliance with local building codes including accessibility regulations and energy efficiency class not lower than B	Ex-ante: Building feasibility study and plan Ex-post: Market price of houses, assessment report from housing company/agency Assessment standard/tool:	N/A	N/A
12.1.2. New inclusive building, certification	Construction and design of buildings, places and spaces that everyone can access and use it safely, easily and comfortably with dignity		1. Number of people with access to inclusive buildings disaggregated by geography, gender and type of disability (#)	5. Number of permanent, temporary, and contracted green jobs created by gender (# of people) 6. Renewable energy proportion utilization rate (%) 7. Total (life-cycle) energy consumption during production of building materials (kWh)			N/A	BS 8300:2018
12.1.3. New social housing construction, certification	Use of public-private partnerships as well as privately supported social housing including student housing, senior housing with a focus on inclusive,		1. Number of people with access to the social building disaggregated by geography, gender, and type of disability (#)  2. Price per m2 of an apartment (rent or purchase) compared to the	8. Total GHG emissions during production of building materials (kWh) 9. Annual amount of waste minimized, reused or recycled			N/A	N/A

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	affordable and equitable access		average household income (MNT)	during the construction process (tonnes and %) <ul style="list-style-type: none"> <li>10. Green spaces before and after the project (%)</li> <li>11. Annual amount of rainwater harvested and reused (m<sup>3</sup>)</li> <li>12. Reduction of indoor particulate matter vs local baseline: sulfur oxides (SOx), and nitrogen oxides (NOx) carbon monoxide (CO), (PM2.5/PM10) and non-methane volatile organic compounds (NMVOCs) (%)</li> <li>13. Number of Electric vehicle charging stations and/or number of bicycle facilities provided (#)</li> </ul>				
<b>12.2 HISTORICAL BUILDING REDEVELOPMENT AND PRESERVATION</b>								
12.2.1 Maintenance, redevelopment and preservation of buildings and structures in towns and rural areas, particularly those of historical	Preservation and renovation of various commercial, residential and public buildings with historical significance	4.7 11.1, 11.3, 11.4	1. Number of buildings with significant historical value renovated and preserved (#)  2. Number of people with access to buildings  of significant historical value (#)	1. Economic benefits resulted from the extended year (MNT)	Compliance with local building codes including accessibility regulations and energy efficiency class not lower than B	Ex-ante: Confirmation of historical value of building together with plans to renovate and preserve building's historical significance  Ex-post: Reporting and site visit to confirm construction of building in accordance with pre-approved plan  Assessment standard/tool:	N/A	Department of Interior regulations, 36 CFR 67

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
significance and value			3. Number of years elongated in terms of lifecycle (#)					
<b>12.3 GREEN INFRASTRUCTURE</b>								
12.3.1 Green and inclusive area development	Multi-purpose green area (water retention, shading, recreation, biodiversity corridors, soft lining for pedestrian and bicycle paths, street lighting, waste bins) improvements with consideration of energy, waste and water efficiency and climate resilience standards	11.3, 11.7 13 15.2	1. Total space of green area (m2) 2. Number of people benefitting from the new green area development by gender (#) 3. Percentage of total area in compliance with key accessibility regulations and standards (%)	1. Annual GHG emissions reduced/avoided vs local baseline/baseline certification level (tCO2e/m2 and %) 2. Annual absolute water savings compared to project baseline/local baseline (m3/tons and %) 3. Renewable energy proportion utilization rate (%) 4. Annual amount of waste minimized, reused, or recycled (tonnes and %) 5. Annual amount of rainwater harvested and reused (m³)	The minimum green area should be linked to the population and the level of pollution  Ex-ante: Technical/feasibility study and plan with expected impact targets Ex-post: Reporting and site visit to confirm compliance with plan and expected impacts Assessment standards/tool	Ex-ante: Technical/feasibility study and plan with expected impact targets Ex-post: Reporting and site visit to confirm compliance with plan and expected impacts Assessment standards/tool:	Law on Urban Green Areas Law on Urban Development Law on Land	<a href="https://igbc.in/igbc/html_pdfs/abridged/IGBC%20Green%20Landscape%20-%20Abridged%20Reference%20Guide%20(Pilot%20Version).pdf">https://igbc.in/igbc/html_pdfs/abridged/IGBC%20Green%20Landscape%20-%20Abridged%20Reference%20Guide%20(Pilot%20Version).pdf</a>
12.3.2 Green landscaping, redevelopment of ger districts	Green landscaping, site and private inside-the-fence (khashaa) improvements		1. Number of households that made green landscaping and khashaa improvements (#) 2. Number of people benefitting from green		Percentage of added green area (not including non-green public space)	Ex-ante: Plan and description of products/services to be used for improvements Ex-post: Reporting and site visit to confirm compliance with plan	Khashaa standard	N/A



Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
	(shading, lighting, fencing)		landscaping and khashaa improvements by gender (#)  3. Percentage of total green area compared to total area (%)  4. Reduced chimney and cleared area (toilet) (#)		higher than the legal 30%	Assessment standards/tool: World Bank khashaa standard		
<b>12.4 DISASTER RISK PREVENTION AND MANAGEMENT</b>								
12.4.1 Resilient infrastructure and disaster risk prevention infrastructure	Construction of resilient infrastructure such as green roofs and rainwater harvesting systems, construction of flood, fire, storm and other natural disaster protection (surge barriers, pumping stations, dams, levees, gates) infrastructures; adoption of monitoring, early warning systems for storms, droughts, floods or dam failures	1.5 11.3, 11.7 13 15.2	1. Annual number of effective response to environmental crises (#)  2. Annual number of people affected by environmental crises (# of people)  3. Annual amount of economic loss due to environmental crisis (MNT)	1. Change in an average time of effective response to environmental crises (hr)	Design verified by construction engineer of its suitability with the earthquake, fire resistance, drought management, and wind speed conditions at the project site	Ex-ante: Climate risk assessment and technical/feasibility study with pre-calculated expected impacts, report by construction engineer Ex-post: Reporting and site visit to confirm compliance with plan and expected impacts Assessment standards/tool:	Law on Disaster Prevention NAMEM General Rule for Fire Prevention MNS 5566 : 2020 BNbD 21-04-05	RELi rating system
12.4.2 Facilities to prevent and deal with the consequences	Activities to provide disaster relief products and services (e.g. emergency packs,	1.5 11.3, 11.7 13 15.2	1. Annual number of effective response to environmental crises (#)	1. Change in an average time of effective response to environmental crises (hr)	Design verified by construction engineer of its suitability	Ex-ante: Climate risk assessment and technical/feasibility study with pre-calculated	N/A	N/A

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/C riteria/Exclus ion	Mean of Verification	Relevant national and industry regulations*/ policies/standards	Relevant international standards
of environmental disasters	survival kits, medical equipment), short-term and emergency housing in response to natural disasters/conflicts (e.g. containers, shelter tents). Offering of financial products and services for disaster relief after earthquakes, floods, storms, dzuds or conflicts (e.g. catastrophe insurance). Transparent information sharing regarding environmental issues; campaigns to improve public awareness of self protection; building platforms for crosscity and cross-province cooperation, improving forecasting, supervision and accountability mechanisms.		2. Annual number of people affected by environmental crises (# of people)  3. Annual amount of economic loss due to environmental crisis (MNT)		with the earthquake, fire resistance, drought management, and wind speed conditions at the project site	expected impacts, report by construction engineer Ex-post: Reporting and site visit to confirm compliance with plan and expected impacts Assessment standards/tool:		

12.5 UTILITY CORRIDOR

Activities	Example	Relevant SDG	Core impact indicators and metrics	Additional impact indicators and metrics (optional)	Thresholds/Criteria/Exclusion	Mean of Verification	Relevant national and industry regulations*/policies/standards	Relevant international standards
12.5.1 Construction and operation of utility corridor	Utility corridors installed under the city for centralised electricity, communication cables, water supply and drainage, heat, gas etc.)	3.3, 9.1, 11.1	1. Length of the utility corridor (km)  2. Number of people benefitting from utility corridors by gender (%)	1. Connectivity hubs (# of connections)	For large settlements, integrated infrastructure systems must be planned	Ex-ante: Technical/feasibility study and plan with expected impact Ex-post: Reporting and site visit to confirm compliance with plan and impact targets Assessment standards/tool:	N/A	N/A
12.5.2 Independent engineering network solution	An efficient and inexpensive operation for maintenance	3.3, 9.1, 11.1	1. Infrastructure investment and utilization per consumer (MNT)  2. Annual GHG emissions reduced/avoided vs local baseline/baseline certification level (tCO <sub>2</sub> e/m <sup>2</sup> and %)	1. Connectivity hubs (# of connections)			N/A	N/A