

ACTION PLAN, GREEN DEVELOPMENT POLICY OF MONGOLIA



GOVERNMENT OF
MONGOLIA
**MINISTRY OF ENVIRONMENT
GREEN DEVELOPMENT AND
TOURISM**



GOVERNMENT OF
MONGOLIA
**MINISTRY OF EDUCATION,
CULTURE AND SCIENCE**



Schweizerische Eidgenossenschaft
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Swiss Agency for Development
and Cooperation SDC

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UPPSALA
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IZB
Institute for International
Cooperation in Education
University of Teacher
Education Zug

"Education for sustainable development" project supported the development of Action plan of Green development policy of Mongolia.

The Green Development Policy of Mongolia and its Action Plan are translated by the GIZ programme "Biodiversity and Adaptation of Key Forest Ecosystems to Climate Change II".

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Development and Cooperation*



RESOLUTION BY THE PARLIAMENT OF MONGOLIA (Unofficial translation)

June 13, 2014

Resolution
No.43

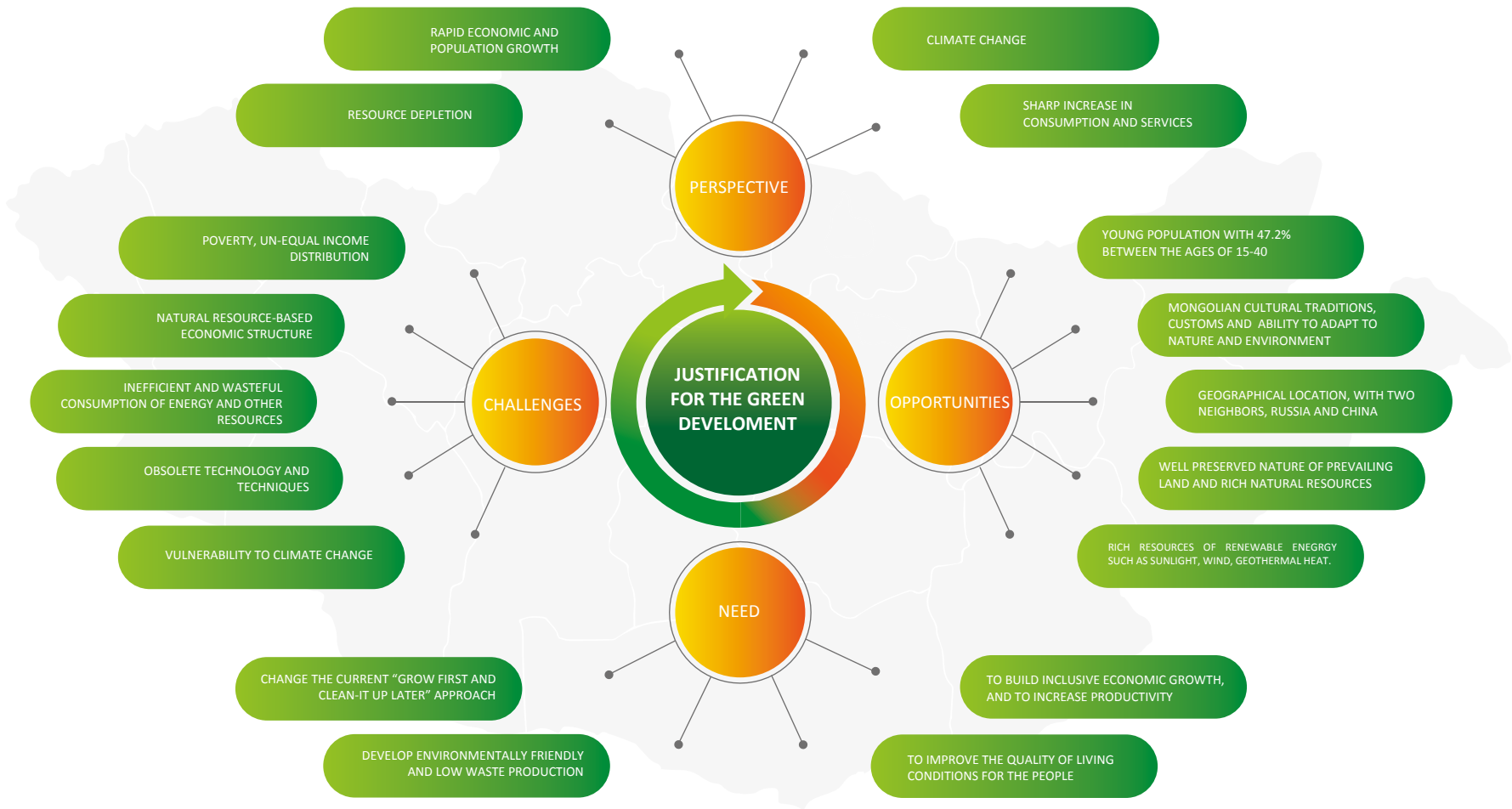
On adoption of the green development policy of Mongolia

Based on article 43.1 of the chapter 43 of the Law on State Great Khural of Mongolia (Parliament), the Parliament of Mongolia resolves followings:

1. The Green Development Policy shall be adopted as in annex, hereinafter.
2. The National Council for the Sustainable development (Altankhuyag.N) and the Government of Mongolia shall take following actions to implement the “Green Development Policy” of Mongolia.
 - 1/ Approve action plan for the “Green Development Policy” and start its implementation by allocating budgets in the national investment program
 - 2/ Implement the objectives, goals, and activities of the “Green Development Policy” by integrating these into the national development policy, and the midterm macro-economic policy.
 - 3/ Report the annual progress of the “Green Development Policy” to the Parliament of Mongolia.
3. Parliamentary standing committees on Environment and Agriculture /Bayarsaikhan.G/ and on Economy /Garamgaibaatar.B/ shall be appointed to control and oversee the implementation of this resolution.

CHAIRMAN OF THE PARLIAMENT OF MONGOLIA

ENKHBOLD.Z



GREEN DEVELOPMENT CONCEPT

DEVELOPMENT MODEL THAT ENSURES THE IMPROVED WELL-BEING AND PROSPERITY OF MONGOLIAN CITIZENS BY SAFEGUARDING THE SUSTAINABILITY OF ECOSYSTEM SERVICES, INCREASING THE EFFECTIVE CONSUMPTION OF NATURAL RESOURCES AND ENSURING ECONOMIC GROWTH THAT IS INCLUSIVE AND ENVIRONMENTALLY SOUND.

1

EFFICIENT, EFFECTIVE AND RATIONALE USE OF RESOURCES

2

SECTORIAL POLICIES AND PLANNING SHALL BE CONSISTENT WITH GREEN DEVELOPMENT CONCEPTS

3

PROMOTION OF CLEAN AND ADVANCED TECHNOLOGIES



4

ENSURE CITIZEN'S PARTICIPATION IN THE CREATION OF GREEN ECONOMIC GROWTH

5

ENGRAIN ENVIRONMENTALLY FRIENDLY ATTITUDES, HABITS AND COMPETENCIES

6

TRANSPARENCY, ACCOUNTABILITY AND LIABILITY,

GREEN DEVELOPMENT TERMS AND DEFINITIONS

THE TERMS USED IN THIS DOCUMENT SHALL BE CONSTRUED AS FOLLOWS:

“GREEN DEVELOPMENT” refers to a pattern of development that reduces poverty through an inclusive economy in which resources are used efficiently and effectively, ecosystem services are sustained, greenhouse gas emissions and wastes are reduced;

“GREEN ECONOMY” is one that results in improved human well-being and social equity, while significantly reducing environmental risks and degradation;

“GREEN GROWTH” means economic growth with low greenhouse gas emissions that ensures environmental sustainability, supports social inclusiveness and participation;

“GREEN INDUSTRY” is an industrial operation which poses no harm or risks to human health and the environment while ensures energy and resources efficiency and effectiveness, reduces greenhouse gas emissions and wastes;

“GREEN JOB” refers to an employment that aims to reduce the consumption of energy, raw materials and water and achieve the reduction of greenhouse gas emissions, wastes and pollutions, conservation and restoration of ecosystems, and improvement and protection of the environment through adaptation to climate change;

“GREEN CITY” means a city or urban settlement that ensures comfortable living conditions and development opportunities through the use of smart infrastructure services such as energy, heating, water supply, communication, public transportation and adequate waste management;

“GREEN BUILDING” means a building structure and process which ensures a comfortable environment through the utilization of building materials those are safe for human health and the environment, and applications of energy and resource efficient technologies, thermal solutions ensuring the minimum heat losses and emissions, and installations of rain water collection and sewage treatment systems;

“GREEN PROCUREMENT” means purchasing goods and services that are designed or designated toward ensuring the efficient use of energy and natural resources, the sustainability of ecosystem services, the adaptation to climate change and the creation of the green environment;

“GREEN FINANCING” means financing of and investing in projects and activities which use technology that reduce energy, water and raw material consumptions, while preserving natural resources and the values of ecosystem services;

“GREEN TAX” means a tax that aims toward reducing production, services, imports and consumption of products with negative environmental impacts;

“ECOSYSTEM SERVICES” refers to ways of humankind benefits from the ecosystem, in forms of provisioning, such as food, raw materials and natural resources, regulating, such as the control of climate and impacts of rapid environmental changes, supporting human life, and cultural, such as spiritual benefits;

“PAYMENT FOR ECOSYSTEM SERVICES” means a payment scheme regulating transactions between consumers of the ecosystem services and providers who maintain the sustainability of the ecosystem services.



STRATEGIC OBJECTIVE #1

PROMOTE A SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERN WITH EFFICIENT USE OF NATURAL RESOURCES, LOW GREENHOUSE GAS EMISSIONS, AND REDUCED WASTE.



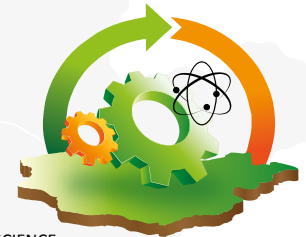
STRATEGIC OBJECTIVE #4

ENGRAIN A GREEN LIFESTYLE BY REDUCING POVERTY AND PROMOTING GREEN JOBS.



STRATEGIC OBJECTIVE #2

SUSTAIN ECOSYSTEM'S CARRYING CAPACITY BY ENHANCING ENVIRONMENTAL PROTECTION AND RESTORATION ACTIVITIES, AND REDUCING ENVIRONMENTAL POLLUTION AND DEGRADATION.



STRATEGIC OBJECTIVE #5:

ENCOURAGE EDUCATION, SCIENCE, AND TECHNOLOGY TO SERVE AS THE CATALYST FOR GREEN DEVELOPMENT, AND DEVELOP CULTURAL VALUES AND LIVELIHOODS THAT ARE IN HARMONY WITH NATURE.



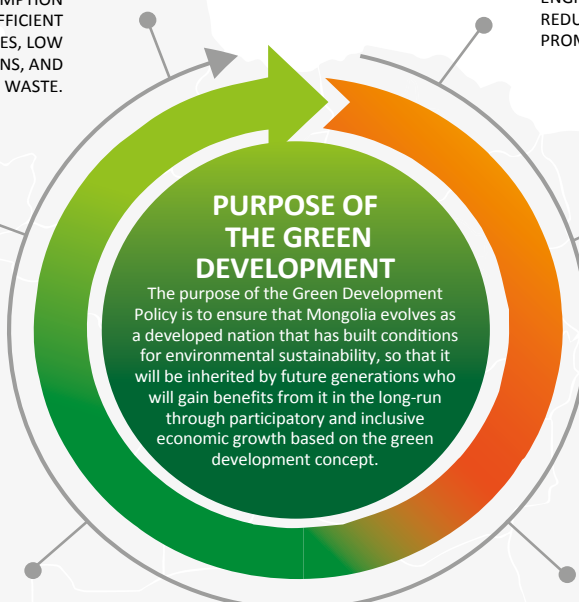
STRATEGIC OBJECTIVE #3

INCREASE INVESTMENT IN NATURAL CAPITAL, HUMAN DEVELOPMENT AND CLEAN TECHNOLOGY BY INTRODUCING FINANCING, TAX, LENDING AND OTHER INCENTIVES FOR SUPPORTING A GREEN ECONOMY.

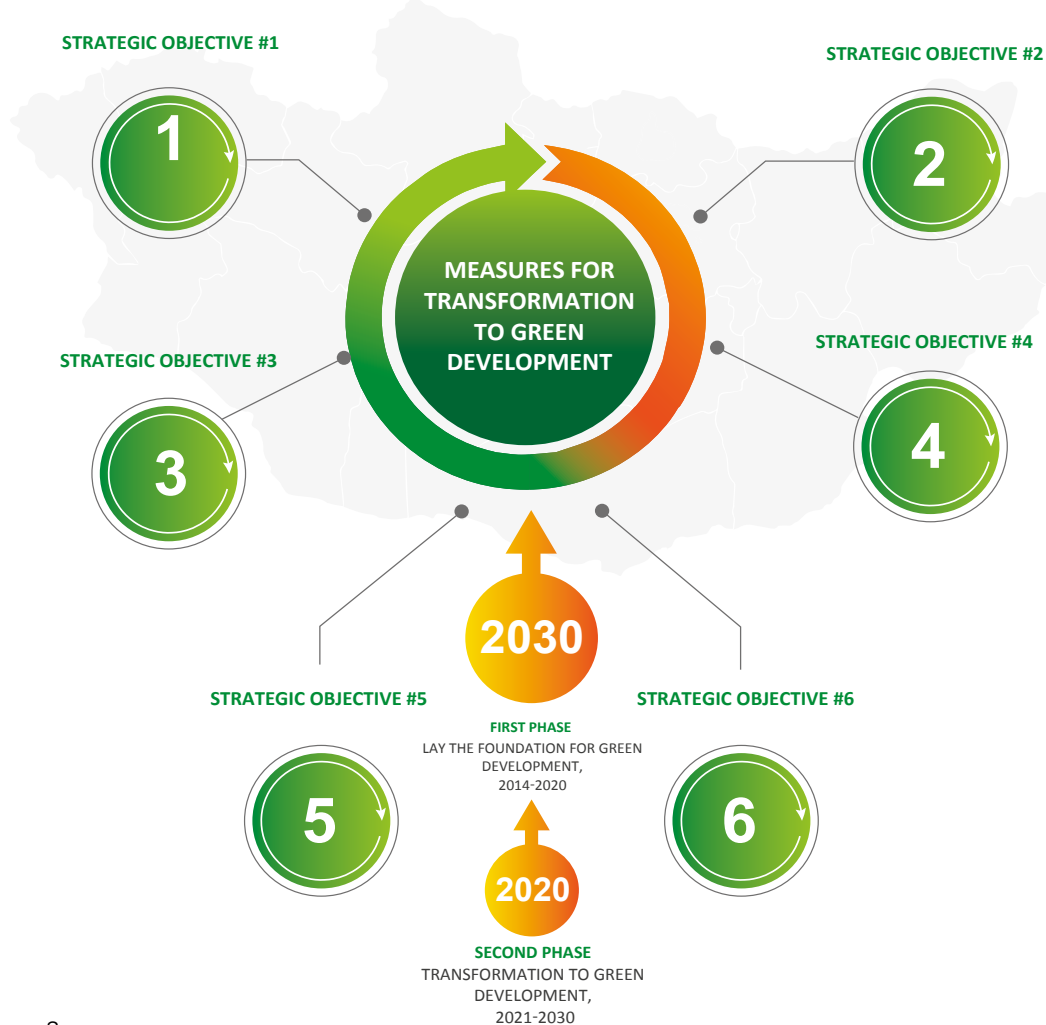


STRATEGIC OBJECTIVE #6

DEVELOP AND IMPLEMENT A POPULATION SETTLEMENT PLAN IN ACCORDANCE WITH CLIMATE CHANGE, WHILE CONSIDERING THE AVAILABILITY OF NATURAL RESOURCES AND THE RESILIENCE OF REGIONS.



MEASURES DESIGNED FOR THE IMPLEMENTATION OF THE STRATEGIC OBJECTIVES



STRATEGIC OBJECTIVE #1 WILL BE ACHIEVED THROUGH THE IMPLEMENTATION OF THE FOLLOWING MEASURES:

- Reduce greenhouse gas emissions in the energy sector, through increased energy efficiency by 20 percent in 2030, and by ensuring that the share of renewable energy used in total energy production is at 20 percent by 2020, and at 30 percent by 2030. This will be achieved by renewing energy production and other industrial technologies, by reducing excessive consumption and losses, and by the optimization of pricing policies.
- Reduce building heat losses by 20 percent by 2020, and by 40 percent by 2030, through the introduction of green solutions such as energy efficient and advanced technologies and standards, green building rating systems and energy audits, and the implementation of incentive and leverage mechanisms.
- Develop and enforce environmental standards and norms consistent with international standards, and improve the outcomes of environmental assessments while promoting competitiveness and enhancing productivity.
- Increase the processing of raw materials such as leather, wool and cashmere to 60 percent by 2020, and to 80 percent by 2030, through the promotion of sustainable agriculture development, and the development of industrial processing cluster that is export-oriented and based on green technology.
- Meet the domestic demand for wheat, potatoes and vegetables through reduced land degradation due to crop production, by improving soil fertility, introducing agro techniques for soil maintenance, efficient and advanced technologies for irrigation and by establishing forest zones.
- Improve agricultural products supply chains and networks, and support the introduction of environmentally friendly storage and packaging technologies for agricultural products.
- Develop eco-tourism products and services that meet environmental and sanitation requirements.
- Promote the production applies resource efficient and low waste technologies in the mineral resources sector.
- Prevent the negative impacts on human health and the environment which may rise from mining activities by engraining transparent and responsible mining practices, enhancing environmental protection, restoration activities and the effectiveness of offset mechanisms;
- Prevent environmental pollutions through the introduction and enforcement of international standards and frequent monitoring and evaluation practices for conventional and un-conventional oil deposit explorations and extractions.
- Create the Sovereign Wealth Fund from mining sector revenues, and utilize it for ensuring a long-term sustainable development.
- Develop an environmentally sound infrastructure and transportation network with no adverse impacts on nature, human health and biodiversity.

STRATEGIC OBJECTIVE #2 WILL BE ACHIEVED THROUGH THE IMPLEMENTATION OF THE FOLLOWING MEASURES:

- Conserve pristine nature and maintain ecosystem sustainability by protecting at least 60 percent of fresh water reserves and stream formation areas, expanding protected areas to 25 percent by 2020 and 30 percent by 2030, and creating sustainable financing mechanisms for protection.
- Establish the archetype of green development areas through the development of eco-tourism and traditional livestock husbandry, while limiting mining and industrial activities in national parks, natural and cultural heritage sites.
- Strengthen the national capacity to adapt to climate change and reduce the negative impacts of climate change.
- Create the biodiversity utilization reserves to reduce the loss of biodiversity by protecting a gene pool and preserving habitats.
- Create conditions for sharing benefits arising from the use of genetic resources through the establishment of an adequate legal environment for registration, evaluation and utilization of genetic resources and associated traditional knowledge.
- Set the limitation on the import and trade of genetically modified organisms by assessing the risks associated with genetically modified organisms on human health and the environment, and by building capacities in preventing the negative impacts.
- Enhance the carbon sequestration in forests by intensifying reforestation efforts and expanding forest cover areas to 9 percent of the country's territory by 2030.
- Create sustainable financing systems by engraining the community-based natural resources management for the protection and proper utilization of forests, non-timber forest resources, animals, flora and fauna.
- Provide at least 90 percent of the population with access to safe drinking water, and provide 60 percent of the population with access to improved sanitation facilities by increasing water supply and sewerage system capacity and productivity.
- Promote the introduction of technologies for treating wastewater at permissible standards and reusing the recycled water while limiting the use of ground freshwater for industrial purposes.
- Promote experimentation and research activities for ground water resources expansion and restoration, and promote projects for surface water accumulation and utilization, and initiatives for using rain water harvesting.
- Reduce the impact of desertification, land degradation and drought, by creating conditions to minimize and reduce the human impact on the environment in periods of rapid economic growth and climate change.
- Promote activities aimed at using the degraded, polluted and eroded land resulted from industrial activities by rehabilitating at least 70 percent of the affected area, for different economic purposes.
- Improve mechanisms for increased returns on investment and the regulatory mechanism for the proper utilization of natural resources.

STRATEGIC OBJECTIVE #3 WILL BE ACHIEVED THROUGH THE IMPLEMENTATION OF THE FOLLOWING MEASURES:

- Increase investments in improving the efficiency and productivity of natural resource utilization and in reducing greenhouse gas emissions per unit of production by allocating less than two percent of GDP annually for green development.
- Create economic incentives to increase productivity of natural resource use, and support practices for engraining environmentally friendly consumption and production.
- Increase investments for nature conservation and rehabilitation by 20 percent by disseminating the benefits of, valuing and supporting ecosystem services such as its capacity of forest water containment, carbon absorption, floodplain water collection and treatment.
- Establish a green taxation system to reduce the production, services, importing goods and consumption which are harmful to the environment.
- Promote the trade of low carbon and energy efficient technologies by reflecting the green development principles in international trade agreements and contracts.
- Allocate at least 20 percent of the public procurements for purchasing of environmentally sound, effective, and resource efficient goods, works and services.
- Enhance the corporate social responsibility of economic entities and organizations by establishing an environmentally sound and sustainable financing system for banking and financial institutions.
- Estimate the share of environmental contributions in socio-economic development by incorporating green development indicators into the National Accounting Systems.

STRATEGIC OBJECTIVE #4 WILL BE ACHIEVED THROUGH IMPLEMENTATION OF THE FOLLOWING MEASURES:

- Create employment opportunities with secured incomes for at least 80% of the available workforce, by increasing permanent jobs through public-private partnerships.
- Enhance labor productivity through the creation of a competitive and professional workforce, and by obtaining internationally qualified educations in the home country.
- Strengthen an emerging middle class by promoting investment towards expanding the social protection/welfare foundation and promoting multiple income sources of livelihood.
- Involve citizens in vocational training programs, provide job/career placement services, and increase the labor value at the adequate level for females who take care of their children, enabling them to support their lives sufficiently.
- Create opportunities for all to have an equal access to social services necessary for healthy living and ensure food safety by increasing the availability of food and improving access to food.
- Strengthen individual's ability/capacity to overcome the adverse impacts of climate change by implementing programs and projects to improve the livelihood of individuals those are directly dependent on the nature, natural causes and resources.
- Create and promote an incentive mechanism, like payment for ecosystem services for herders who take the initiative to contribute towards preventing pasture degradation by preserving water sources and springs, and by breeding livestock in accordance with its pasture capacity.

STRATEGIC OBJECTIVE #5 WILL BE ACHIEVED THROUGH THE IMPLEMENTATION OF THE FOLLOWING MEASURES:

- Engrain a resource efficient and effective consumption culture, environmentally friendly lifestyle, traditional customs of nature/environmental conservation, and the patriotism through the education for sustainable development.
- Establish best practices for efficient production and consumption of products/goods by promoting the introduction of environmental management standards "MNS ISO14000" for economic entities.
- Access and evaluate environmental, cultural and historical heritage risks and impacts of mining and major development projects in prior to its implementation, and implement preventive and protective measures.
- Encourage the development of clean technology and innovation to support green development by increasing the share of GDP expenditure for science and technology research and experimentation by two percent by 2020, and by three percent by 2030, and use it as the catalysts for green development.
- Increase manufacturing of green products with specified quality and exclusivity by expanding cooperation between scientific organizations and industries to apply, convey and transfer throughout industries innovations, biotechnology and nano-technology.

STRATEGIC OBJECTIVE #6 WILL BE ACHIEVED THROUGH THE IMPLEMENTATION OF THE FOLLOWING MEASURES:

- Offer comfortable living and working environments for the locals by developing self-sufficient "green" and "smart" cities and villages that are compatible with the carrying capacity of the environment and climate change trends, in order to prevent the over-population in urban cities
- Reduce air, water, and soil pollutions by establishing a legal framework for imposing liability for, and upgrading and implementing plans for urban land use, construction zoning and infrastructure provisioning.
- Increase the share of green space in the urban area by 15% by 2020, and by 30% by 2030 through the re-development of Ulaanbaatar and other urban settlement areas.
- Reduce solid waste in landfills by 20% by 2020, and by 40% by 2030, by recycling, reusing wastes and producing value added products, and establishing proper waste-reduction management practices through the promotion of efficient technology, provision of practical knowledge on maintaining healthy environment and lifestyles.
- Ensure the comfortable commuting environment for citizens by developing an environmentally sound, adequate, and safe public transportation modes and services.
- Enhance space available for pedestrians and cyclists through improved planning and organization of pedestrians' carriageways, green areas, bicycle lanes and parking.



CRITERIA FOR GREEN DEVELOPMENT



CRITERIA FOR GREEN DEVELOPMENT



RESOLUTION BY THE GOVERNMENT OF MONGOLIA

January 11, 2016

Resolution No. 35

Ulaanbaatar

On adoption of Action Plan for the Green Development Policy

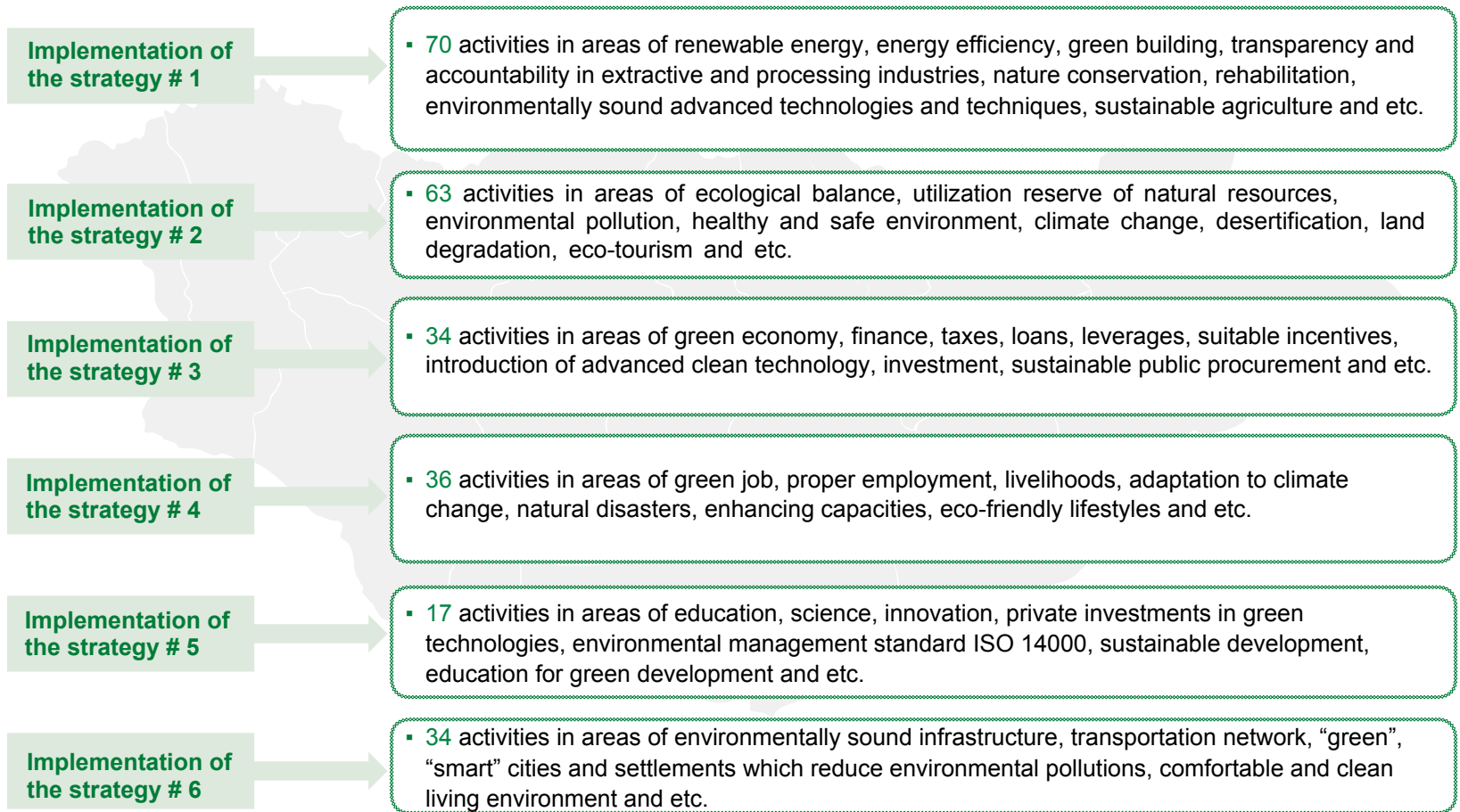
Based on article 1 of the chapter 30 of the Law on Government, and the State Great Khural's (Parliament of Mongolia) resolution number 43 of 2014, the Government of Mongolia resolves followings:

1. The Action plan for the Green Development Policy shall be adopted as in annex, hereinafter.
2. The Government members and governors of the capital city and aimags shall be mandated to take measures to implement planned activities of the Action Plan for the development of actual economic and social sectors by allocating necessary funds in the local and state budgets and to create budget opportunities by receiving funding from international organizations, donor countries, and private investors through their involvements.
3. The Minister of Environment, Green Development, and Tourism (Battsereg.N) shall be appointed to control and oversee the implementation of this resolution.

The Prime Minister of Mongolia
SAIKHANBILEG.CH

The Minister of Environment,
Green Development and Tourism
BATTSEREG.N

Action plan for the Green Development Policy



**STRATEGIC
OBJECTIVE #1:**

Promote a sustainable
consumption and production
pattern with efficient use of natural
resources, reduced greenhouse
gas emissions and waste
generation.



No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
1.1.	Reduce greenhouse gas emissions in the energy sector, through increased energy efficiency by 20 percent in 2030, and by ensuring that the share of renewable energy used in total energy production is at 20 percent by 2020, and at 30 percent by 2030. This will be achieved by renewing energy production and other industrial technologies, by reducing excessive consumption and losses, and by the optimization of pricing policies.	1	Establish the legal environment for energy efficiency and implement systematic measures to reduce energy losses, increase energy efficiency, and ensure the compliance with energy efficiency standards.	2016-2030	ME	ministers, ASM	SB	The legal environment for energy efficiency is in place, and the implementation scheme for energy efficiency is developed.
		2	Build capacities to conduct national greenhouse gas inventories, and create a nation-wide greenhouse gas inventory system.	2016-2020	MEGDT	ministers, NRSO	IO	Publication of a biennial report on results of the greenhouse gas inventory.
		3	Adapt and implement the favourable legal and economic incentives/leverages to promote renewable energy production and consumption.	2016-2023	ME	MEGDT		Favorable legal environment and sustainable financing mechanisms for renewable energy are in place.
		4	Implement projects of solar power plants with 10-50 MW capacity, in phases.	2016-2030	ME	MNCCI	PS, IO	Increased production of renewable energy.
		5	Implement projects of wind power plants with 50-250 MW capacity, in phases.	2016-2030	ME	MNCCI	PS	Increased production of renewable energy.
		6	Construct multi-purpose water reservoir complexes by building dams at larger rivers and lakes (550 MW on the Eg and Selenge river basins, 150 MW on Khovd river basin, and 100 MW on Orkhon river basin).	2016-2030	ME	MEGDT, MOF, MI	IO, SB	Energy production procedure is enabled for re-regulation through increased use of surface water.
		7	Study, pilot and incentivize optimal solutions of renewable energy technology in thermal and residential hot water supply systems.	2016-2030	ME	MEGDT MECS	IO, SB	Increased percentage of renewable energy in the thermal power generation.
		8	Decrease GHG emissions per capita and improve the efficiency of coal fired power plants, through the implementation of advanced and clean technology requirements for the new coal fired thermal and power plants. (Baganuur, Thermal Power Plant 5, Mogoin Gol power plant, and TT Power plant, etc.)	2016-2030	ME		PS, SB	Increased efficiency, reduced emission of greenhouse gases and toxic air pollutants and dust particles through the introduction of advanced technologies.
		9	Reduce environmental pollutions and emissions, and meet the international standard requirements by systematically upgrading current coal-fired thermal power plants, heating, and industrial furnaces.	2016-2030	ME	MEGDT	SB, PS, IO	Reduced emissions of greenhouse gas and hazardous gases and dust particles, and increased efficiency through the upgrade of current power plants.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
		10	Implement projects and programs using the international financing mechanisms, in order to reduce greenhouse gas emissions and improve energy efficiency through the reduction of power and heat transmission losses.	2016-2025	ME	MEGDT	IO, PS	Increased energy efficiency through the introduction of advanced technologies in the energy transmission and distribution systems.
		11	Conduct research and pilot the potential energy storage technologies.	2016-2018	ME	MM	SB	A pilot project to introduce potential energy storage technologies to store energy is implemented.
		12	Pilot and create new alternative fuel and energy sources (processed coal, biomass, coal seam methane, synthetic fuel, and fuel elements).	2016-2025	ME	MM, MEGDT	PS	New fuel and energy sources are created.
1.2.	Reduce building heat losses by 20 percent by 2020, and by 40 percent by 2030, through the introduction of green solutions such as energy efficient and advanced technologies and standards, green building rating systems and energy audits, and the implementation of incentive and leverage mechanisms.	1	Develop and advertise/promote the national green building rating system and its methodology.	2016-2018	MCUD	MEGDT	IO	The foundation of the green building replication is completed through the nation-wide green building rating system.
		2	Organize activities to update local norms and standards for calculation of construction and energy efficiencies and heat losses, introduce international and European Union norms and standards.	2016-2030	MCUD	MEGDT, ME, AG	FCN, SB, IO	National norms and standards are updated and adopted in line with international standards.
		3	Build human resource capacities of the construction sector in areas of planning, design, and construction of green buildings.	2016-2020	MCUD	MEGDT	IO	Human resource capacities are built in the construction sector.
		4	Create and implement the incentive scheme to promote green buildings and energy efficiency measures.	2017-2020	MCUD, ME	MEGDT	SB	The incentive scheme is in place.
		5	Implement systematic energy audit and measures to reduce energy and heat losses.	2016-2025	ME	MCUD		Increased efficiency and reduced energy and heat losses through improved compliance of standards and norms.
		6	Develop the green architecture and construction design for schools and kindergartens, and implement the model project.	2016-2020	MEGDT	MECS, MCUD	IO	Designs of green school and kindergarten facilities are developed, advertised and replicated.
		7	Develop and implement green architecture for construction of the state funded public buildings in compliance with green building standards and requirements.	2017-2030	MCUD	MECS, MHS, AG	SB, PP	An increased number of state funded green buildings.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
		8	Implement projects and programs to reduce heat losses of existing concrete panel buildings.	2017-2030	GCC	MCUD, MEGDT	GCF, PS	Reduced heat losses and greenhouse gas emissions through the insulation of at least 50 percent of existing panel buildings in Ulaanbaatar city.
		9	Study solutions of energy efficient, zero-waste and green buildings, such as Passive Zero Building, and implement pilot projects.	2017-2030	MCUD	MEGDT	IO, SB	Green building pilot projects are implemented.
1.3.	Develop and enforce environmental standards and norms consistent with international standards, and improve the outcomes of environmental assessments while promoting competitiveness and enhancing productivity.	1	Develop and implement incentive/leverage mechanisms to enhance productivity and promote competitiveness through policies on production, service quality, and flexible pricing.	2017-2030	MI	AG MNCCI	SB	Economic incentives/leverages for increased productivity is developed.
		2	Update and enforce standards and permissible limits for environmental quality and waste disposal in consistent with laws, regulations, and international standards.	2016-2030	MEGDT	ASM		Standards are adopted and enforced. The standard requirement for environmental quality and permissible limits of waste to environment is consistent with the international practices
		3	Formulate and enforce standards, in consistent with international standards /practices/, aimed for the reduction of environmental pollutions and solid wastes, the efficient and effective utilizations of natural resources, and biodiversity conservation.	2016-2020	MEGDT	ASM	IO, SB	The formulated standard meets international standards and requirements.
		4	Establish and implement the legal environment to support and promote development works and researches for new innovations and introduction of advanced technologies.	2016-2030	MI			The legal environment to promote and support technological researches and development works is in place.
		5	Establish systems and build capacities to conduct technology assessments and researches in industrial sectors.	2016-2020	MI	MEGDT, MCUD, MECS, MRT, MFA, ME	IO, SB	Reduced adverse effects of industrial activities on human health and the environment through the capacity development of an industrial, technological research system.
		6	Improve efficiency and productivity of the industrial sector by promoting competitiveness and through development of environmentally friendly clusters.	2016-2030	MI	MEGDT, MCUD, MECS, MRT, MFA, AG	PS, SB	Reduced negative impacts of industrial activities on environment and increased number of full time jobs.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
		7	Improve/strengthen results of environmental impact assessments, management plans, and monitoring-evaluation programs, and upload the associated/related information to online data-system.	2017-2020	MEGDT	EE	SB, PS	Improved implementation and enforcement of environmental protection laws and users have open and efficient access to information.
		8	Upgrade the strategic assessment system and improve its impact.	2016-2030	MEGDT	ministers	SB, IO	A relevant sector's policies and planning documents are evaluated by the strategic assessment system.
1.4.	Increase the processing of raw materials such as leather, wool and cashmere to 60 percent by 2020, and to 80 percent by 2030, through the promotion of sustainable agriculture development, and the development of industrial processing cluster that is export-oriented and based on green technology.	1	Develop and implement national programs and strategies to ensure sustainable development of agriculture production in line with the green economy perspectives.	2016-2030	MFA	MEGDT, MOL, governors of all levels, PS	SB,PP,PS	The sustainable development program of crop production and livestock husbandry is developed, adopted, and implemented.
		2	Intensify development and research of agrobusiness science and technology through increased investments.	2016-2030	MFA	MECS, MOF, BOM, PS	PS, SB	At least 5 percent of the sectoral GDP is spent for investments on science and technology.
		3	Create economic incentives to preserve jobs, eventually, increase employment in the agricultural production sector, thereby build the capacity and raise public awareness on sustainable agriculture and green development principles.	2016-2030	MFA	MEGDT, MOL, governors of all levels, PS	SB, PS	The number of workers in the agricultural sector is maintained not least than 25 percent of the country's total workforce, and 45,000 jobs are consistent with green job criteria.
		4	Improve processing level and quality of raw materials, such as, leather, wool, and cashmere, develop productions based on innovative green technologies, and increase exports.	2016-2020	MI	MFA, MEGDT, AG	PS, SB,PP	Increased exports and production of value added products and reduced amount of waste released into the environment. Processing of leather, wool, and cashmere is increased up to 60 percent by 2020 and 80 percent by 2030.
		5	Integrate environmentally progressive infrastructure solutions into the development of industrial processing clusters in accordance with the industrialization plans and integrated policies.	2016-2025	MI	MCUD, MFA, MEGDT, AG	PP, PS	Establishment of regional industrial processing clusters with environmentally progressive infrastructure. The share of processing industries in the GDP reaches 15 percent.
		6	Increase utilization of forest waste/debris and biomass, and establish processing factories of compressed boards and fuels.	2016-2020	MI	MEGDT, MCUD, MFA, AG	PS	Use of timber materials without waste.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
1.5.	Meet the domestic demand for wheat, potatoes and vegetables through reduced land degradation due to crop production, by improving soil fertility, introducing agro techniques for soil maintenance, efficient and advanced technologies for irrigation and by establishing forest zones.	1	Establish the legal environment to set regional boundaries for the dual practice of crop production and intensified animal husbandry, and upgrade the relevant insurance system.	2016-2025	MFA, LAGC	MEGDT		The legal environment is established.
		2	Develop a digital database for cropland usage and promote the systematic introduction of the advanced technologies, such as downsizing and no-till in the crop production.	2016-2020	MFA	MEGDT, MCUD, governors of all levels	PS, SB	Downsizing and no-till technologies are applied to more than 80 percent of the cropland in 2024. A digital database is developed.
		3	Protect soil fertility by fencing cropland, establishing forest zones, planting annual and perennial fodder plants, and increasing crop rotation forms and frequencies.	2016-2030	MFA	MEGDT, governors of all levels, PS	PS, SB	A forest zone equivalent to at least 1 percent of the total cropland is established. The crop rotation frequency is increased up to 3 to 4 times.
		4	Intensify the rehabilitation of eroded and uncultivated croplands.	2017-2030	MFA	MCUD, governors of all levels	SB, PS	Abandoned croplands of 450 thousand hectares are rehabilitated and cultivated. The cropland irrigation area reaches 100 thousand hectares.
		5	Increase the crop yield per unit area by updating and renewing seeds and plants varieties.	2016-2030	MFA	PS	SB, PS	Utilization of adaptive and resilient seeds in more than 80 percent of cultivation.
		6	Develop/Ensure safe and appropriate practices for utilizations of agricultural chemicals and pesticides.	2016-2030	MFA	MEGDT, PS	SB, PS	Establishment of safe and appropriate use of agricultural chemicals and improved health of crops and livestock. The wheat production is increased up to 20 cwt/ha.
1.6.	Improve agricultural products supply chains and networks, and support the introduction of environmentally friendly storage and packaging technologies for agricultural products.	1	Establish the regional guaranteed/safe warehouses, processing facilities and factories for agriculture raw materials and products, and introduce environmentally friendly technologies in stages of raw material processing, packaging, storage, and transportation.	2016-2030	MI	MFA, MCUD, governors of all levels	PS	Intersoum logistics networks are formed for agricultural product processing plants and factories, and 110 guaranteed storage facilities that have quality assessment laboratories to receive, process (initial stage), and store raw materials are established.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
		2	Upgrade and improve technologies for food products storage and packaging, monitor health and quality aspects of food packaging, increase public awareness on a proper use of plastic packaging and expand the usage of solar refrigerators and vacuum packaging.	2016-2030	MFA	MI, GASI	SB, PS, IO	Conditions of healthy food consumption are created in rural areas in as a result of extended food storage life and appropriate use of food containers.
		3	Create opportunities for local entities to participate in online stock exchange from the countryside by introducing the international market of agricultural raw materials trade and the 'clearing' payment system.	2016-2030	MFA	MI, MOF, Agricultural stock market, governors of all levels	SB, PS, IO	Online stock trading system is introduced nationwide by installing an internationally accepted stock trading system.
1.7.	Develop eco-tourism products and services that meet environmental and sanitation requirements.	1	Define numbers, capacities, and service types of tourism service providers in Special Protected Areas (SPAs) based on the carrying capacity and resources assessment of the protected area and adhere/implement accordingly.	2016-2020	MEGDT	AG	IO	Ensured sustainability of ecosystem through tourism service activities that are compatible with the environmental capacity.
		2	Elaborate requirements and criteria for the (environmentally friendly) eco-tourism, and develop and introduce model eco-tourism products and services in the SPAs.	2016-2020	MEGDT	AG	IO, PS	Increased incomes of local people and private industry through the development of actual eco-tourism and establishment of eco-tourism requirements and criteria.
		3	Upgrade and enforce the standards for tourism services and infrastructure facilities consistent with green principles.	2016-2020	MEGDT	ASM	SB	Reduced negative and adverse impacts of the tourism sector.
		4	Introduce a hospitality culture in the guest hosting services, through the development of professional and skilled human resources for tourism service providers, to fulfill the market demands and needs.	2016-2025	MECS	MEGDT, AG, PS	PS, SB, IO	Increased the number of tourists and sectoral income. At least 1000 people are trained.
		5	Establish an incentive scheme/system for environmentally friendly hospitality service providers.	2016-2025	MEGDT	AG, MNCCI	IO, SB	An incentive scheme is in place. At least 50 percent of tour camps and hotels are labeled as "green hotels."

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
1.8.	Promote the production applies resource efficient and low waste technologies in the mineral resources sector.	1	Increase production of end products, and upgrade processing level/stage of mining products.	2017-2030	MI	MM	PS	At least three times increased production of end products, such as copper, iron, coal, and flourspar.
		2	Establish and implement legal and administrative environments to limit the issuance of special mining permits to hard rock gold, placer gold, and flourspar deposits with utilization reserves of insignificant economic benefits and high negative/ adverse environmental impacts; and limit introduction (and use) of equipment and technologies with a high resource-waste generation in the mining production.	2017-2020	MM	MEGDT	SB	Limited/ no issuance of special mining licenses to rock gold, placer gold, and flourspar deposits with insignificant utilization reserves.
		3	Utilize reformed deposits, recycle resource waste, and promote mining facilities with leading technologies that are resource efficient, environmentally sound, and safe to human health.	2016-2025	MI	MM	PS	Energy efficient and environmentally sound industries are established in Erdenet and Zaamar.
		4	Implement pilot projects to rehabilitate groundwater based on the mega mining projects under the framework of a corporate social responsibility.	2016-2030	MEGDT	MM, MI	PS	Groundwater rehabilitation and reserve enhancement technologies are piloted and results are achieved.
		5	Implement water efficiency policies in mineral extraction, processing, and production.	2016-2030	MM	MOI, MEGDT	PS, SB	Increased reuse volume of used greywater and industrial water.
1.9.	Prevent the negative impacts on human health and the environment which may rise from mining activities by engraining transparent and responsible mining practices, enhancing environmental protection, restoration activities and the effectiveness of offset mechanisms;	1	Upgrade the legal environment for closure and rehabilitation of mines, and the mineral sector's transparency and accountability.	2016-2020	MM	MOF, MEGDT	SB, IO	Upgraded regulatory environment and improved monitoring and accountability system of mining activities.
		2	Introduce best practices by piloting model projects of biodiversity offset in order to reduce negative impacts of mining.	2017-2030	MEGDT	MM	IO, PS	Implementation of biodiversity offset mechanisms in at least 5 projects.
		3	Limit mineral mining and exploration through identification of environmentally and culturally significant sites and detailed assessment of regional ecosystems at the national level.	2016-2030	MEGDT	MM, MECS	IO	Environmentally and culturally significant heritage sites are identified countrywide, and protection measures are undertaken.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
		4	Introduce best standard methodologies and international practices related to prevention, reduction, and elimination of potential negative impacts arising from the exploration and mining of radioactive minerals.	2016-2025	NEC	MM, MEGDT	IO, SB, PS	International standards of environmental protection are introduced into radioactive mineral exploration and mining.
		5	Implement measures to prevent and reduce damages by conducting assessments of adverse impacts and environmental damages could be caused from mineral productions in critical regions and river basins.	2016-2030	MEGDT	MOF, AG	IO, SB, PS	Assessments are carried out in at least 15 regions. Implementation of preventive measures to reduce environmental damage is in process.
1.10.	Prevent environmental pollutions through the introduction and enforcement of international standards and frequent monitoring and evaluation practices for conventional and un-conventional oil deposit explorations and extractions.	1	Introduce standards consistent with international environmental requirements for oil deposit exploration and extraction.	2016-2020	MM	PA, ASM	SB	Standards consistent with international environmental requirements are introduced into oil deposit exploration and extraction.
		2	Ensure international practices and principles of environmental management activities in unconventional oil explorations and utilizations, such as slate, coal seam methane, etc.	2016-2020	MM	PA, ASM	SB, IO, PS	International standards and methods are introduced, and monitoring-evaluation are regularly conducted.
1.11.	Create the Sovereign Wealth Fund from mining sector revenues, and utilize it for ensuring a long-term sustainable development.	1	Establish a legal environment to create a Sovereign Wealth Fund and utilize it for activities directed to conserving nature, enhancing social wellness, and increasing economic growth.	2017-2022	MOF	MM	SB	Laws and relevant regulations are established, and the fund is created.
		2	Establish a legal environment for the complex rehabilitation by generating/creating financial sources to rehabilitate eroded and abandoned lands caused by mining activities.	2017-2030	MM	MEGDT	SB, PS, IO	The laws adopted, and abandoned lands are rehabilitated.
1.12.	Develop an environmentally sound infrastructure and transportation network with no adverse impacts on nature, human health and biodiversity.	1	Formulate and enforce a standard for building wildlife migration corridors and tunnels, along railways and roads.	2017-2020	MEGDT	MRT, ASM	IO	The standard is formulated.
		2	Study and introduce solutions, which are efficient and have less negative environmental impacts, for transportation of mineral products.	2016-2020	MRT	MM	IO, PS	Environmentally sound transportation solutions are introduced.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
		3	Use more renewable energy for lightings along streets, roads, and railways.	2016-2030	AG	ME, MRT	PP, PS	Increased renewable energy utilization and the establishment of the comfortable and convenient environment.
		4	Reduce toxic emissions from automobiles by introducing the smart traffic management system and expanding roads.	2016-2025	AG	MRT	SB	Ensured traffic/road safety and reduced toxic gas emissions.
		5	Reduce toxic emissions from the transportation sector by systematically electrifying the railroad networks.	2018-2030	MRT		SB	Reduced emissions from railroad transportation into the atmosphere.
		6	Formulate and enforce standards for construction of railway tunnels (in case to dig deeper than 24 meters) by undertaking studies on technologies and equipment.	2016-2020	MRT	MR	PS	Conditions to avoid soil erosions and deep trenches are ensured.
		7	Establish a legal environment for standard requirements to reduce greenhouse gas emissions and reduce fuel consumption by improving airspace traffic management.	2016-2018	MRT	CAA	SB	Reduced airspace traffic-related greenhouse gas emission through the establishment of a legal environment and relevant standard requirements.

**STRATEGIC
OBJECTIVE #2:**

Sustain ecosystem's carrying capacity by enhancing environmental protection and restoration activities, and reducing environmental pollution and degradation



No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
2.1.	Conserve pristine nature and maintain ecosystem sustainability by protecting at least 60 percent of fresh water reserves and stream formation areas, expanding protected areas to 25 percent by 2020 and 30 percent by 2030, and creating sustainable financing mechanisms for protection.	1	Create the sustainable funding mechanism of Special Protected Areas (SPAs) for enhancing conservation, and upgrade the legal environment to increase public engagement.	2016-2018	MEGDT	MCUD	SB, IO	An amendment to the Law on Special Protected Areas is adopted and enforced.
		2	Introduce best practices by upgrading co-management in conservation and piloting the model community-based conservation projects through public-private and civil society partnerships.	2016-2025	MEGDT	MOF	SB, PP, IO	Initial pilot projects are implemented, and management experiences of Khustai Nuruu National Parks and Ikh Nart National Parks are introduced.
		3	Update the information database through making constant monitoring and research studies on transboundary SPAs and biosphere reserves.	2016-2020	MEGDT	MFA, MCUD	IO	Improved transboundary SPA management.
		4	Develop the world heritage, human and biosphere reserves as education and advertisement based public sites to provide education for sustainable development, disseminate knowledge on the efficient green use of resources, proper utilization and conservation of natural resources, and reintroduce the traditional culture and knowledge of nature conservation.	2016-2025	MEGDT	MECS	IO	Public awareness and training centers are established, and pilot projects are implemented.
		5	Expand SPAs by rehabilitating and taking areas, as stated in the Law on Prohibiting Mineral Exploration and Extraction Near Water Sources, Protected Areas and Forests, under the special protection.	2016-2025	MEGDT	MM	PS, SB	At least 60 percent of upper river stream areas are under the special protection.
		6	Take areas/zones under the special protection by prioritizing areas that require conservation based on compensation assessments and studies of Mongolia's ecosystems and habitats.	2016-2030	MEGDT	MCUD	SB, IO	Protected areas reach to 24 percent, in 2020, and 30 percent, in 2030, of the total land by taking areas that require conservation under the special protection.
2.2.	Establish the archetype of green development areas through the development of eco-tourism and traditional livestock husbandry,	1	Create a legal environment for the establishment of national nature reservation parks.	2016-2018	MEGDT	AG		A legal environment for the nature reservation parks is in place.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
	while limiting mining and industrial activities in national parks, natural and cultural heritage sites.	2	Sustainably maintain ecosystem services by developing Khan Khentii SPA, Gorkhi-Terelj National Park, and their buffer zones as national nature reservation parks and natural-cultural heritage sites.	2016-2020	MEGDT	MECS, AG	IO, SB	National nature reservation parks and natural-cultural heritage sites are developed as a model green development area.
		3	Establish a model green development region by restricting mining operations and developing nature reserves and cultural heritage sites based on Khangai Nuruu mountain range and Khuvsgul lake surrounding SPAs.	2016-2020	MEGDT	AG	IO, SB	National nature reservation parks are established as a model green development area.
		4	Establish a system to protect the traditional agriculture heritage and implement relevant projects and programmes.	2016-2030	MFA	MECS	SB, PP, IO	Cultural heritage protection activities are started by registration of Mongolian heritages to "Globally important agricultural heritage systems" of UNFAO.
2.3.	Strengthen the national capacity to adapt to climate change and reduce the negative impacts of climate change.	1	Build management capacities in developing proposals and implementing projects in order to receive funding and support from international organizations, including the Green Climate Fund, the Adaptation Fund, and the Carbon Fund.	2016-2020	MEGDT	MOF	IO, NRSO	Capacities of direct financing access to international funds are built, and the National implementing entity is established.
		2	Implement large projects and programs with potentials to provide co-benefits, promote green development, and reduce greenhouse gas, while increasing effectiveness and efficiency of natural resources and, by utilizing international financing mechanisms.	2017-2030	MEGDT	MOF, MNCCI	IO	At least two large projects are in implementation.
		3	Report the status and systematically implement the Mongolia's contributions and targets to reduce climate change impacts, systematically.	2017-2030	MEGDT	ministers, PS	SB, IO	Greenhouse gas emissions are reduced by 14 percent in 2030 (compared to business as usual scenarios /BAUs).
		4	Develop the national climate change adaptation strategy by formulating climate change adaptation scenarios for major economic and social sectors.	2017-2020	MEGDT	MOF, MFA, MHS, NCF, ME, MI, other ministers	IO	Climate change adaptation strategies are formulated and implemented by, sector by sector including, agriculture, health, energy, and construction.
		5	Implement pilot projects to improve the adaptation capacity of regions that are most vulnerable to climate change.	2016-2020	MEGDT	AG	IO	Climate change adaptation projects are carried out in 2-3 regions.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
2.4.	Create the biodiversity utilization reserves to reduce the loss of biodiversity by protecting a gene pool and preserving habitats.	1	Develop and ensure the implementation of an action plan for the national biodiversity program.	2016-2030	MEGDT	AG	SB, IO	Biodiversity conservation is improved by approved implementation plan for the national biodiversity program.
		2	Create the taxonomy database of Mongolia's fauna, flora, and micro-organisms.	2016-2019	MEGDT	MECS	SB, IO	The database is created through the publication of 9 taxonomies reports.
		3	Establish the plantation for beneficial plants and implement pilot projects for breeding the rare, extremely rare, and endangered wild plants of the high mountain, desert, and desert-steppe zones, and for using resources sustainably.	2017-2025	MEGDT	AG, PS	PS, IO, SB	Sustainable use of resources is engrained through the implementation of pilot conservation projects to protect plants and soils of the desert, desert steppe, and high mountain zones, and to breed certain wild plants, in the framework of the government and private sector partnership.
		4	Protect a gene pool by creating the national gene bank for biodiversity.	2016-2025	MEGDT	MFA, MECS	SB	A national gene bank is created.
		5	Establish the mechanism for controlling and assessing risks imposed by invasive alien species.	2017-2020	MEGDT	GASI, GDCT	SB, IO	A mechanism to prevent risks of invasive alien species are in place.
2.5.	Create conditions for sharing benefits arising from the use of genetic resources through the establishment of an adequate legal environment for registration, evaluation and utilization of genetic resources and associated traditional knowledge.	1	Establish a legal environment for genetic resources and associated traditional knowledge, and sharing benefits arising from their utilization.	2016-2020	MEGDT	MFA, MFA, IPO	SB, IO	A legal environment for genetic resources and agricultural genetic resources is developed. Mongolia has joined the International Plant Protection Convention of Food and Agriculture, and relevant reports are submitted to the international organizations.
		2	Implement programs and projects to strengthen the national capacity within the framework of the international agreement/treaty on genetic resources.	2016-2020	MEGDT	IPO	IO	The national capacity is built by engraining the rationale about genetic resources, their use, and benefits.
		3	Develop a digital database for a gene bank through the registration of genetic resources of Mongolia's endemic species.	2017-2020	MEGDT	MECS, MFA	IO, SB	Mongolia's endemic species and genetic materials are recorded and confirmed by DNAs and geographical indications.
		4	Support the implementation of pilot projects and activities for making goods/products with the potential to succeed in the economic circulation.	2017-2030	MEGDT	MECS, MFA, MI	IO, SB, PS	New profitable export products are innovated using genetic resources and related traditional knowledge.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
2.6.	Set the limitation on the import and trade of genetically modified organisms by assessing the risks associated with genetically modified organisms on human health and the environment, and by building capacities in preventing the negative impacts.	1	Establish an e-monitoring system to control GMOs and associated activities such as production, utilization, state border-crossing, and transportation of products derived from GMOs.	2017-2020	MEGDT	MOF, MFA, MHS, GDCT	SB, IO	An integrated e-database of GMO, products derived from GMOs and food additives (harmonized commodity description and coding systems) is developed.
		2	Register oil plants and transgenic plants in croplands to the gene information database by conducting inspection inventories, and carry out environmental impacts and risk assessments.	2017-2020	MFA	MEGDT	SB, PP, IO	A monitoring inventory is completed, and results are added to the Gene Information Database. Relevant studies are conducted.
		3	Conduct risk assessments and take croplands plantations that producing GMOs under control.	2017-2020	MFA	MEGDT	SB, PP, IO	Risk assessments are carried out in Selenge and Khalkh river basins.
		4	Build capacities of human resources and research laboratories to ensure biosafety.	2017-2020	MEGDT	MECS, MHS	SB, IO	The research capacity is strengthened.
2.7.	Enhance the carbon sequestration in forests by intensifying reforestation efforts and expanding forest cover areas to 9 percent of the country's territory by 2030.	1	Determine the carbon sink using internationally accepted common methodologies by conducting a forest inventory and take actions to expand carbon trades.	2016-2025	MEGDT		SB, IO	Carbon trade opportunities are created by determining basic characteristics of greenhouse gas accumulation and building capacity to calculate carbon sink emission of forests.
		2	Intensify afforestation and reforestation activities, promote initiatives of local communities and private entities and reduce impacts of the main factors that contributing to forest degradation.	2016-2030	MEGDT	AG	SB, IO, PS	The forest covered area is increased by 1.9 million hectares by stopping the forest reserve degradation.
		3	Promote the natural regeneration of forest, establish a permanent site for the elite coniferous trees and seeds, and create a permanent stock of seeds, seedlings, and saplings	2016-2030	MEGDT		SB, IO, PS	Establishment of reserves for elite coniferous trees, seeds, seedlings, and saplings, which are adapted to climate change of Mongolia.
		4	Promote operations of highly productive tree nurseries for commercial purposes, and introductions of technologies and equipment to produce environmentally friendly materials and timber substitutes, through green loans, tariff, and tax policies.	2016-2030	MEGDT	MOF, AG	SB	Reduced timber demand by decreasing utilization of wood and timber materials and creating timber substitutes.
		5	Promote productions of affordable and durable timber substitutes and limit the use of timber for household purposes, such as for construction, roads, and fences.	2016-2030	MEGDT	governors of all levels	PS, IO	Fifty percent of the total fences in all soums and towns are built without using timber materials.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
2.8.	Create sustainable financing systems by engraining the community-based natural resources management for the protection and proper utilization of forests, non-timber forest resources, animals, flora and fauna.	1	Develop the community and co-management based sustainable forest management by providing rights to own forest resources on a contractual basis and profit from forest protection to citizens, forest user groups, and entities.	2016-2030	MEGDT	governors of all levels	IO, PS	Activities of forest user groups are stabilized, and the livelihood of communities' dependent on the forest are improved.
		2	Upgrade the legal environment to support activities of user groups in the natural resources co-management.	2016-2018	MEGDT			A legal environment for sustainable financing to support user groups in the natural resources co-management is created.
2.9.	Provide at least 90 percent of the population with access to safe drinking water, and provide 60 percent of the population with access to improved sanitation facilities by increasing water supply and sewerage system capacity and productivity.	1	Develop a proper water utilization management and estimate water reserves, by conducting various hydrogeological researches (mapping, exploration, and procedures), to ensure the constant and sufficient supply of drinking and industrial water demands.	2016-2030	MEGDT	MCUD, MFA, MI, MM, governors of all levels	SB, PS, IO	Conditions to determine the number of strategic water resources, conduct regular monitoring of water resource movement, and sufficiently and sustainably supply public drinking water and industrial demand for water are established.
		2	Update standards, construction designs, and technological solutions for water supply and sewerage facilities in accordance with green development requirements.	2016-2020	MCUD	ASM	FCN	Standards, designs, and technologies of water supply and sewerage systems that comply with the green development requirements.
		3	Plan and implement complex smart solutions, including water efficiency and utilization of recycled water, for water supply and sewerage facilities in planning and re-planning of urban development.	2016-2020	MCUD	MOF, AG	PP, PS	The water supply and sewerage systems are upgraded.
		4	Update/renew the central sewerage facility of Ulaanbaatar city with advanced and innovative technologies.	2016-2020	MCUD	GCC	SB	Water pollution of the Tuul river is reduced till the required standard level by cleansing waste water.
		5	Build water supply and sanitation facilities at camps, resorts, spas, tourist camps, and public-service sites in accordance with the standard requirements, systematically.	2016-2025	MCUD	PS MEGDT	PS	All economic entities that run activities in SPAs built water supply and sanitation facilities.
		6	Build water supply and sewerage systems in soums and towns through the public-private partnership and cooperation.	2016-2030	MCUD	AG	IO, PP	Establishment of centralized water supply and sanitation facilities in at least 100 soums and towns.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
		7	Adhere regulations of the water sanitation regions and treatment zones of the municipal water sources zone and connect household and entities located within the area to the central sewerage system.	2016-2030	AG	MCUD, MEGDT	PP, PS	Reduced risks of water source contaminations in the Ulaanbaatar city and other urban settlements.
2.10.	Promote the introduction of technologies for threatening wastewater at permissible standards and reusing the recycled water while limiting the use of ground freshwater for industrial purposes.	1	Promote and upgrade economic and legal leverages/incentives for use of techniques and technologies for recycling/re-use of used water and greywater.	2016-2025	MEGDT	MCUD, AG, CRK	SB	A legal environment to conserve water resources is created, and efficient water re-use is increased.
2		Increase water recycling and re-use of industrial water through the polluter pays principle and permission mechanisms.	2016-2030	MEGDT	MFA, MM, AG, MNCCI	PS	At least 30 percent of water used for industrial purpose is re-used.	
3		Promote reuse of municipal residential wastewater that treated up to the permissible standard level, for industrial purposes.	2017-2025	MCUD	MEGDT, MI, ME, AG	PS, IO	Increased re-use of treated wastewater and sludge from the water treatment plant.	
2.11.	Promote experimentation and research activities for ground water resources expansion and restoration, and promote projects for surface water accumulation and utilization, and initiatives for using rain water harvesting.	1	Support construction of reservoirs and storages to collect water from rain, snow, and ice.	2016-2030	MEGDT	AG	SB, PP, PS	Improved water supplies through the establishment of alternative water sources.
2		Conduct researches and experiments to increase water resources by collecting water, to expand and rehabilitate reserves by purposefully charging groundwater.	2016-2018	MEGDT	MECS	SB	Water reservation pilot projects are carried out.	
3		Introduce technologies for rain and snow water reservoirs and water absorption of soils to the sectors including, water supply, agriculture, farming and other potential areas.	2017-2030	MEGDT	MFA, AG	SB, PP	Increased percentage of groundwater reserves recoveries/rehabilitation.	
4		Promote the utilization of collected water for irrigation of green spaces, residential and commercial purposes, by creating the possibility to modify rooftops of buildings to collect rain and snow water.	2016-2030	MCUD	MEGDT, AG, CRK	SB, PSX	Increased the number of households and entities that collect and utilize rain and snow water.	

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
2.12.	Reduce the impact of desertification, land degradation and drought, by creating conditions to minimize and reduce the human impact on the environment in periods of rapid economic growth and climate change.	1	Implement measures to protect and rehabilitate Gobi oases.	2017-2025	AG	MEGDT	SB, PP, PS	At least two oases are taken under protection by Gobi aimags.
		2	Upgrade the legal environment for pasture management.	2016-2020	MFA	MEGDT, MCUD	SB	The relevant legal environment is in place.
		3	Establish the special needs pasture for otor, and rotate by relieving livestock grazing, rehabilitate, improve and cultivate the overgrazed pasture.	2016-2030	MFA	governors of all levels	SB, PP, PS	Up to 10 percent of the total pasture of each soum is rotated, by relieving livestock grazing, rehabilitated, and reserved as an otor zone. Pastures of at least 2000 hectares are cultivated per year.
		4	Establish the mechanism to run animal husbandry in accordance with the carrying capacity through the creation of tax and economic incentives, and determine the number and type of livestock by each livestock type for regions based on pasture carrying and recovering capacities.	2016-2020	MFA	governors of all levels, MEGDT	SB, PP, PS, IO	Proper livestock management is established in accordance with the carrying capacity of pasture in all soums. Opportunities to use tax and economic incentives are created.
		5	Upgrade the monitoring-evaluation network of landscape quality.	2016-2020	MEGDT	AG, MCUD	SB, IO	Integrated information and monitoring-evaluation network of landscape degradation and desertification is created.
		6	Support and develop the intensified husbandry in nearby urban settlements by determining land areas and promoting through tax and loan policies.	2016-2030	MFA, MCUD	MOF, AG	PP, PS	A legal environment to promote the intensified husbandry is created, and the revolving loan fund is increased.
		7	Implement measures to rehabilitate pasture and establish forest zones for mitigating desertification along roads, railroads, natural border zones, and areas that are highly affected by desertification.	2016-2030	MEGDT, MRT	MCUD, UBR, MR	IO, SB, PS	Forest zones are established in an area of at least 1000 ha in deserted and degraded sites.
2.13.	Promote activities aimed at using the degraded, polluted and eroded land resulted from industrial activities by rehabilitating at least 70 percent of the affected area, for different economic purposes.	1	Develop an integrated database to register environmental damages, compensations, and areas for rehabilitation with cost estimations.	2016-2018	MEGDT	MECS	SB	An integrated registration database of environmental damages and rehabilitation is established and open to the public.
		2	Organize rehabilitation activities by prioritizing degraded and eroded lands.	2016-2030	MM MEGDT	MCUD, MFA, AG	PS, PP, SB	At least 70 percent of the all degraded and eroded land is rehabilitated.
		3	Adapt and enforce the environmental conservation/ protection and rehabilitation standards of the EU and other countries in which technology requirement and specifications for mineral types, exploration and processing are set.	2016-2018	MEGDT	ASM	IO	A standard is adopted and enforced.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
		4	Create rehabilitation opportunities, and enforce compensations by developing a detailed model assessment and methodology to estimate the damage caused to the environment due to illegal mining activities and a lack of proper mining closure and rehabilitation.	2016-2017	MEGDT	MM	IO	A methodology is elaborated and piloted by conducting environmental damage assessments in at least two sites.
2.14	Improve mechanisms for increased returns on investment and the regulatory mechanism for the proper utilization of natural resources.	1	Engrain the practice of spending a portion of revenues from natural resource and environmental compensation, to rehabilitate the resources and reduce environmental pollution and degradation.	2016-2020	governors of all levels	MEGDT	PP	A scheme that reinvests certain percentages of natural resource usage fees determined in the law, and reimbursement payments for environmental damages, in restoring and protecting the environment, conducting research, and reducing pollution and degradation, is established.
		2	Build capacities of the police organizations and the national juridical examination/forensic center to combat crimes against the environment.	2017-2019	MOJ	MEGDT	SB	Conditions to reduce the environmental crime rate and damages are established by strengthening the police capacity to combat environmental crime.
		3	Increase the private sector investments by entitling ownership and possession rights of forests and plants that are privately planted and animals that are raised on privately owned lands, to the corresponding citizens, private entities, and organizations.	2016-2025	MEGDT	AG, MCUD	SB, PS	Investments are increased by 10 percent in this area.

**STRATEGIC
OBJECTIVE #3:**

Increase investment in natural capital, human development, and clean technology by introducing financing, tax, lending and other incentives for supporting a green economy



No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
3.1.	Increase investments in improving the efficiency and productivity of natural resource utilization and in reducing greenhouse gas emissions per unit of production by allocating less than two percent of GDP annually for green development.	1	Get the Nature Conservation Fund accredited as the national implementing entity of international funds (the Green Climate Fund, the Adaptation Fund and etc.) by expanding its operations and activities.	2016-2018	MEGDT	MOF	NRSO, IO	Accredited National Implementation Units of international funds for conservation and green development are established.
		2	Estimate the carbon pasture sinks using internationally accepted common methodologies, and explore approaches to engage in carbon trades.	2017-2025	MEGDT	banks	NRSO, IO	Carbon trading is enabled by determining basic characteristics of greenhouse gas absorption of pasture through capacity building to calculate greenhouse gas absorption.
		3	Increase funding for experimental technology researches by developing annual investment plans and promoting investments directed to create clean technologies and innovations.	2017-2025	MOF, MECS	ministers, SO, PS	SB, PS	A plan for clean technology and innovation is annually developed. Activities implemented by contracts and concessions of Public-Private Partnerships are increased.
		4	Establish the practice of efficient resource use through complete installation of meters on water consumption.	2016-2022	MEGDT	AG, PS	PP, PS	Efficient and efficient water use.
		5	Estimate the consumption rate of energy, water, and other natural resources used per unit of production output.	2016-2030	NRSO	MI, MNCCI	IO, SB	Natural resource usage and pollution indicators of national manufacturers have reached the same level as developed countries.
3.2	Create economic incentives to increase productivity of natural resource use, and support practices for engraining environmentally friendly consumption and production.	1	Create and implement economic incentives/leverages to promote environmentally friendly and clean productions, and the efficient utilization/consumption.	2016-2030	MEGDT	MOF, MNCCI	IO, SB	Promotional mechanisms such as eco signs, labels, and certificates are created.
		2	Develop and implement a program to engrain sustainable production and consumption, and a training sub-program on the green economy.	2016-2025	MI, MEGDT	MFA, MCUD, ME, MRT, MM, MECS, AFCCP, AG, MNCCI	IO, SB	A SPC program and a green economy training sub-program are formulated. Efficient production and consumption, which is the core of sustainable development, are engrained.
		3	Organize the exhibition for the environmentally sound technologies and equipment on an annual basis, and advertise it in international and domestic markets.	2016-2030	MEGDT	MNCCI	SB	Opportunities to introduce scientific innovations and new technologies into production are increased.
		4	Formulate and implement a regulation of repayment from energy savings through technologic and innovative usage of ESCO investments with the objective to increase the energy efficiency of public institutions in central and rural areas.	2016-2030	ME	MOF	SB, PS	While ESCO companies are promoted, energy use efficiency of public institutions is increased.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
		5	Identify solutions by conducting policy researches on the promotion of the green loan and financing framework development through the state monetary policy.	2016-2020	BOM	MOF	IO	Results of the study on economic incentives for green development promotion are released.
		6	Expand the import tax exemption range for environmentally sound and highly efficient equipment and technologies.	2017-2030	MOF	MEGDT	SB	The range of import tax exemption of environmentally sound equipment is expanded.
		7	Develop the System of Environmental-Economic Accounting, systematically.	2016-2027	NRSO	MEGDT, MOF, GDCT	SB, IO	The relation between economy and environment, natural resource use assessment, environmental damage, and a number of economic activities implemented for environmental purposes are enabled for determination.
3.3	Increase investments for nature conservation and rehabilitation by 20 percent by disseminating the benefits of, valuing and supporting ecosystem services such as its capacity of forest water containment, carbon absorption, floodplain water collection and treatment.	1	Conduct economic assessments by elaborating a methodology, based on international best practices, to define values of natural resources, such as water, soil, forest, and ecosystem services and advertise and introduce its benefits to the public.	2016-2025	MEGDT	MOF	IO	Economic benefits of natural resources are determined. Public awareness of ecosystem services has raised.
		2	Upgrade the legal environment by conducting studies to calculate payments for ecosystem service fees.	2017-2025	MEGDT	MNCCI ministers	IO	Studies are conducted, and relevant regulations are refined.
		3	Delegate certain functions and tasks of the government nature conservation institutions to NGOs and private sectors under the specific terms of conditions and phases.	2016-2025	MEGDT	MNCCI		Public participation in environmental and conservation activities are increased, and public-private partnership is expanded.
3.4	Establish a green taxation system to reduce the production, services, importing goods and consumption which are harmful to the environment.	1	Conduct studies to convert income taxation system into the tax system that accounts/considers the negative environmental impacts, including greenhouse gas emissions, energy efficiency, non-renewable energy consumption, wastes, and pollutions, without any changes to the entity tax rates.	2016-2020	MOF	MEGDT, MNCCI	IO	Completion of research on transforming the current system to a green taxation system.
		2	Establish a legal environment of ecosystem service payments and green taxes by creating a tax policy scheme to support the green economy.	2016-2020	MEGDT	MOF		The legal environment and tax mechanism are emerged, and the green economy policy is supported by tax incentives. Green tax indicators and criteria are established.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
		3	Conduct studies on gradual reduction of environmentally harmful subsidies and environmental impacts of subsidies, and ways to redirect subsidies into green development and poverty alleviation activities.	2016-2017	MOF	ministers	IO	Rationales to reduce environmentally harmful subsidies are defined.
3.5	Promote the trade of low carbon and energy efficient technologies by reflecting the green development principles in international trade agreements and contracts.	1	Support the trade agreements to increase investment flows, transfer of environmentally friendly goods and technologies and exchange information.	2016-2020	MOF	MFA MEGDT	SB, IO	Environmental criteria are included in multilateral and bilateral agreements.
		2	Implement measures to build and strengthen capacities of manufacturers and exporters-businesses, regardless of their entity types, within the framework of the foreign trade and cooperation by considering the fact that one of the trade requirements of developed countries is a certification to attest whether the supplied products are safe and produced in environmentally friendly ways.	2016-2020	MI	MFA MEGDT, MOF	SB, IO, PS	The national capacity to assess and attest products from an environmental perspective is built.
3.6	Allocate at least 20 percent of the public procurements for purchasing of environmentally sound, effective, and resource efficient goods, works and services.	1	Conduct research on implementation of the government sustainable/green procurement (legal environments, leading products, jobs, and services).	2016	MOF	MEGDT	IO	A policy research on rationales to upgrade the legal environment is conducted.
		2	Upgrade a legal environment to promote green investments in the government procurement.	2016-2018	MOF	PA	SB	Established legal environment is implemented. Common principles of green procurement are approved. Percentages for "Green Procurement" are determined during the budget approval process of general budget governors.
		3	Create a product database (e.g. construction materials) based on studies of green goods and products supplied to the market, and use the information for government investment activities.	2016-2018	MEGDT	PA, MNCCI	IO	The market supply and demand are expanded. The percentage of green goods and products in governmental purchases is increased.
		4	Transfer procurement of state/public institutions to the green procurement, systematically.	2017-2030	GBG of all levels	PA MOF	SB	Twenty percent of the government operating costs is for green procurement.
		5	Formulate and implement a green procurement regulation and criteria in accordance with the internationally accepted "Green Office" methodology for procurement of office equipment and supplies.	2016-2030	MOF	GBG of all levels, MNCCI	SB	Relevant studies are conducted, and criteria are formulated. More efficiency is created, while, waste is reduced.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
		6	Establish a legal environment for making purchases of green products from national manufacturers/producers by the state budget, as a priority.	2016-2030	MOF	MOJ	SB	The national market for green products is created through an establishment of the legal environment.
3.7	Enhance the corporate social responsibility of economic entities and organizations by establishing an environmentally sound and sustainable financing system for banking and financial institutions.	1	Develop and introduce principles of Mongolian Sustainable Financing (MSF) to the banking and financial systems.	2016-2017	BOMX	MEGDT BOM, banks	IO	The sustainable finance scheme is integrated to the banking and financial systems. Social responsibilities of economic entities and organizations are improved through the sustainable financing system.
		2	Establish a green credit fund, which enables the public private partnerships, to support environmentally sound and socially beneficial activities.	2016-2025	BOMX, banks, MEGDT	FRC BOM AG PS, IO, MNCCI	IO, PS	A green credit fund is formed, and a promotional system for environmentally, and socially friendly investments is established. A special (soft) loan mechanism for green businesses is established.
		3	The banking and financial sectors' regulatory agencies to start implementing their own policies and procedures for sustainable financing.	2016-2018	BOM, FRC	IO Professional associations		The sustainable financing system is successfully introduced into activities of regulatory agencies of the banking and financial sectors.
		4	Create a favorable legal environment, as well as, monitoring, evaluation, and incentive mechanisms to support the sustainable financial system of banking and financial institutions.	2016-2020	BOM FRC	Professional associations IO		The regulatory agencies have developed mechanisms to monitor, assess, and promote the implementation of the sustainable financing in banking and financial institutions. A research/study on market demands is conducted.
		5	Organize activities to support and direct professional business associations in making environmentally sound and socially beneficial initiatives and promoting collaborations through accession to principles of sustainable financing.	2017-2025	MI, MM, ME, MFA, MCUD, MRT	MSM, MEGDT, MNCCI, AG	IO	Main economic sectors adopted their own environmentally sound and socially beneficial principles and started successful integrations. Their principles are in accordance/harmonized with the MSF principles.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
		6	Create and support mechanisms to monitor and evaluate the implementation of environmentally sound and socially beneficial principles, build capacities, and cooperate.	2017-2030	MI, MM, ME, MFA, MCUD, MRT	Professional associations, MEGDT, AG	IO, PS	Mechanisms to monitor, evaluate, build capacity, and support the implementation of environmentally sound and socially beneficial principles of the business sector are established and implemented, successfully.
3.8	Estimate the share of environmental contributions in socio-economic development by incorporating green development indicators into the National Accounting Systems.	1	Formulate indicators to evaluate the implementation of the green development policy.	2016	NRSO	MEGDT	IO	Green development indicators are developed and used for evaluation.
2		Widen the scope of official statistical records of natural resources and their utilizations, and reflect indicators of the natural resource scarcity and pollution in the national development indicators.	2016-2020	NRSO	MEGDT	IO	Natural resources, natural resource scarcity, and pollution indicators are incorporated in the national accounting systems.	
3		Develop indicators to measure impacts on the environment and human health, and pollutions, wastes, and economic benefits resulted from industrial activities.	2016-2025	NRSO	MI, ME, MCUD, MRT, MFA, MEGDT, MHS	IO	The issue of calculating economic benefits of industrial activities is resolved.	

**STRATEGIC
OBJECTIVE #4:**

Engrain a green lifestyle by
reducing poverty and promoting
green jobs



No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
4.1	Create employment opportunities with secured incomes for at least 80% of the available workforce, by increasing permanent jobs through public-private partnerships.	1	Ensure the adaptation and implementation of policies to promote the proper/appropriate employment.	2016-2017	MOL	ministers	SB	Opportunities for people to have secured incomes are created through the enactment of an employment promotion policy.
		2	Create a statistical database by formulating criteria and indicators for appropriate/proper and green jobs.	2016-2020	NRSO	MOL, GASR	IO	A green job assessment methodology is approved, and e-database and statistical information of green jobs are developed.
		3	Support employers, who have created and sustainably maintained green jobs, through tax and loan policies.	2017-2025	MOL	MOF	SB	In comparison to 2016, the number of green jobs is increased by 10 percent in 2020 and by 30 percent in 2030. The legal environment for promoting employers who created and sustainably maintained green jobs is developed.
		4	Direct activities of the special government funds to support green productions and employment.	2016-2025	MOL	MEGDT, MI, MFA	SB, IO	Principles of the green employment and green production are incorporated into the requirements and conditions of the special government funds to grant loans and financial aids to economic entities and citizens and engrained.
		5	Implement employment services for target groups (unemployed, disabled, retirees, and women), by incorporating with the green job supports and initiatives.	2017-2030	MOL	MPDSP, MEGDT	SB	Green jobs are created as results of government projects and programs that promote employment for target groups. The target group employment is increased.
		6	Develop and implement support programs to socialize and provide vocational education for citizens with difficulties in finding jobs (5 target groups) in order to increase their employability.	2016-2025	MOL	MPDSP, MECS, AG	SB, IO	At least 1000 people from the target groups are involved in the program and got employed per year.
		7	Increase of employment opportunities and productivities of women (females) by enhancing the access to pre-school educational services.	2016-2020	MOL	MPDSP, MECS, AG	SB	Women's involvement in the economic and social development is increased, and income levels of individuals and families are increased.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
4.2	Enhance labor productivity through the creation of a competitive and professional workforce, and by obtaining internationally qualified educations in the home country.	1	Conduct medium and long-term studies on labor demand and supply studies of workforces.	2016-2017	MOL		SB, IO	Studies on the workforce are regularly conducted and utilized in policy planning.
		2	Establish a mechanism to develop workforce planning per each economic sector, and prepare human resources based on the demand.	2016-2025	MOL	MECS	EPF	A personnel preparing scheme that is based on demand and supply in the labor market is established.
		3	Prepare competitive and professional workforce by developing Vocational Education and Training Centers (VETCs) on the basis of large production and service facilities.	2016-2025	MOL	MECS	SB, IO	Skilled personnel who meet the workforce demand are created as a result of economic expansion and industrial development, are prepared.
		4	Prepare skilled and competitive professionals by improving the quality of student's practical industrial training.	2016-2020	MECS		SB, PS	Employment is increased while skills and competencies of college and university graduates are improved through quality improvement of material databases for industrial practices.
4.3	Strengthen an emerging middle class by promoting investment towards expanding the social protection/welfare foundation and promoting multiple income sources of livelihood.	1	Upgrade the salary and wage system to be based on productivity and skills.	2016-2020	MOL	PS		A productivity based salary system which correspondent with workers' skills and professional levels is developed. The workers' wage rate has reached to provide the average livelihood.
		2	Support private savings by improving the financial education of citizens.	2016-2018	banks	BOM	PS	Citizen's financial literacy is improved and amount of national savings increased.
		3	Support family and private businesses by financial and connect to market policies.	2016-2030	MOL	MOF, MNCCI	IO, EPF	Jobs are created or maintained by promoting an average of 8000 people per year to operate private, cooperative, and community businesses.
		4	Improve green production skills of herders and rural poor households and support through preferential loans and equipment.	2016-2020	MFA	MOL, MEGDT	LPF, IO	Preferential loans are provided to at least 100 herder households per year, and their skills to engage in green production are enhanced.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
		5	Upgrade a legal environment to create opportunities for elderly citizens to receive the lifelong education and a fair employment suited competency, and actively socialize in life.	2016-2018	MOL	MPDSP, MOL, MECS		Relevant regulations with the law on social protection of elderly citizens and law on employment promotion are improved. Opportunities for elderly citizens to work and actively participate in the society are created.
		6	Upgrade regulations to grant the sufficient welfare for livelihoods of people with disabilities, mothers with young children, and elderly citizens and provide food products to vulnerable groups.	2016-2020	MPDSP		SB	Laws on pensions, benefits and welfares are improved. Livelihoods of disabled citizens, women with young children, and elderly citizens are improved.
4.4	Involve citizens in vocational training programs, provide job/career placement services, and increase the labor value at the adequate level for females who take care of their children, enabling them to support their lives sufficiently.	1	Develop and diversify vocational education in accordance with regional characteristics and labor market demand, and bring it to the international level.	2016-2025	MOL	MECS	SB, IO	The system that prepares qualified workforce is improved by developing VETMCs in variations, considering local production facilities and the labor market's demand.
2		Develop and implement the program to prepare youth for the labor market.	2016-2025	MOL		EPF, IO	On average of at least 5000 young people are involved in the program to prepare youth for the labor market by providing graduates of universities, colleges, and VETMCs with advice and information, and support their contribution to local development.	
3		Ensure the sustainability of financing and monitoring for the quality of childcare services, and increase the labor value of parents who takes care of their young children.	2016-2020	MOL	MPDSP, AG	SB, IO	While children's rights to live and learn in healthy and safe environments are ensured, and their household contributions are developed.	
4		Establish the flexible mechanism of social insurance commission which is dependent on the salary rate, in order to protect incomes for low and average incomes citizens.	2016-2017	MPDSP	MOL, SIGO	SB	Incomes of citizens with low and average incomes are secured through the establishment of flexible regulations on social insurance commissions under the framework of social insurance upgrade.	

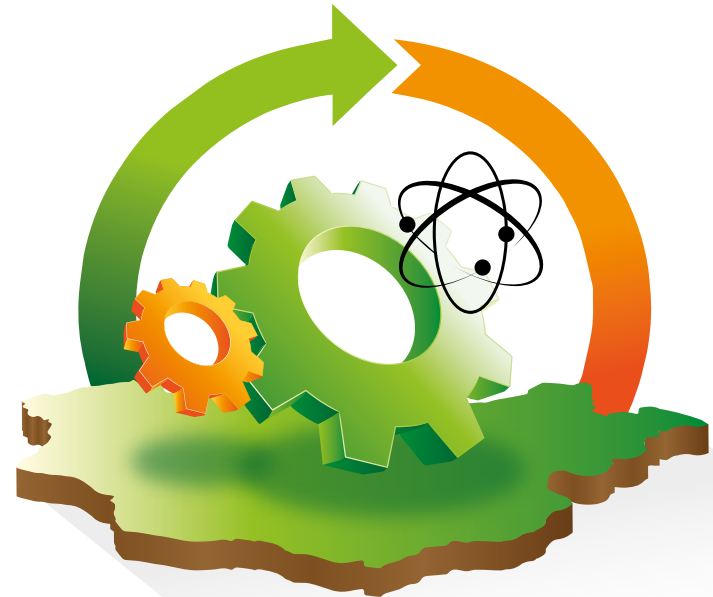
No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
4.5.	Create opportunities for all to have an equal access to social services necessary for healthy living and ensure food safety by increasing the availability of food and improving access to food.	1	Intensify activities to support the introduction of the green development principles into the development of food chain, the equal and sufficient supply of healthy, safe, and nutritious food for the population, and the food production for the import substitution.	2016-2030	MFA	MEGDT, MI, PS	SB, PS	Secure food demand and supply are ensured by local food production, and the percentage of import food products is decreased by at least 5 percent each year.
		2	Formulate and enforce standards for raw food materials, product packaging, storage and transportation, and introduce the "Adequate production practices", "Adequate health and hygiene practices", "Adequate agricultural practices", and "Hazard Analysis and Critical Control Point System" in the food and agricultural production.	2016-2020	MFA	MASM, MRT	SB	A system to ensure food safety and reduce risks is established.
		3	Develop the eco-logistic system to engrain the mechanism of the registration, quality management, monitoring, and verification at all stages of the food chain.	2016-2020	MFA	MI, governors of all levels	SB, PP, PS	Activities to provide the population with safe and quality food are implemented. Eco-logistic systems of food products are established in all aimags and the capital city.
		4	Increase food products to substitute imports and create geographical brands through the establishment of a legal environment for organic foods.	2016-2030	MFA	MEGDT, PS	SB, PP, PS	Laws and regulations of organic food and criteria are approved, and product varieties with geographical indications are increased. The percentage of imported food is decreased by at least 5 percent each year.
		5	Strengthen the control of genetically modified (GM) foods and biologically active food supplements, and support the production of enriched foods.	2016-2030	MFA	MHS, GASI, MEGDT, MOF, AG	SB	Production of enriched food is increased, and the control of food and raw materials is improved.
		6	Create the favorable environment and condition which is accessible by every citizen, to participate in common sports and physical activities.	2016-2020	MECS	MHS, AG	SB	Conditions for citizens to exercise are created.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
4.6.	Strengthen individual's ability/capacity to overcome the adverse impacts of climate change by implementing programs and projects to improve the livelihood of individuals those are directly dependent on the nature, natural causes and resources.	1	Renew and apply the national disaster risk reduction strategy to ensure the implementation in line with the principles and priorities of Sendai Framework for Disaster Risk Reduction.	2016-2030	NEMA	ministers	SB, PP	Capacities to adapt to climate change, provide the readiness by reducing disaster risks, and overcome disasters are strengthened.
		2	Implement projects and programs to improve livelihoods and build capacities for adapting to climate change impacts and overcoming disaster risks in rural areas.	2016-2025	MEGDT	MFA	IO	Incomes of citizens are increased, and livelihoods are improved.
		3	Develop SMEs in buffer zones of SPAs by building capacities of herders' to provide tourism services and manage husbandry.	2016-2022	MEGDT	MI	IO, SB	A subprogram for buffer zones is approved. A project to promote herders to increase their incomes through tourist services, production and sales is implemented.
		4	Create the mechanism to provide full insurance coverage for the livestock husbandry and agriculture farms, in order to create solutions to overcome extreme weather conditions and natural disasters with fewer damages.	2016-2017	MFA		SB	Capacities to cope with extreme conditions and natural disasters with fewer damages and without risking livelihoods of citizens are ensured.
		5	Provide citizens, who lost their livestock because of natural disasters, with preferential loans, aids for restocking, and the employment through necessary vocational and skills trainings enabling them work in the other economic sectors.	2016-2018	MFA	MOL	EPF	The content of herder employment program is updated, and the income sustainability of at least 100 herder families per year is ensured through expansion of the program's scope. Herders' skills required to work in other economic sectors are improved through employment training.
		6	Support SMEs, which manufacture ecologically pure and the national 'brand products' in environmentally harmless ways by utilizing forest wood and non-timber forest products within the possible stock range, through measures of capacity development, preferential loans, and financial rental services.	2017-2020	MI	MEGDT, MOL	IO, SMEPF	The capacity of SMEs that manufacture "brand product" by using forest and natural resources is strengthened. Regulations to promote them with preferential loans and financial rental services are created, and financing is increased.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
		7	Encourage and involve local citizens firstly to participate in forest cleaning, desertification prevention, and rehabilitation activities, and support co-management of natural resources.	2016-2020	MOL	MEGDT	EPF, NRSO, SB	At least 15 thousand people per year get involved in conservation, pollution reduction, rehabilitation, and eco environment establishment programs.
4.7.	Create and promote an incentive mechanism, like payment for ecosystem services for herders who take the initiative to contribute towards preventing pasture degradation by preserving water sources and springs, and by breeding livestock in accordance with its pasture capacity.	1	Promote and reward herders' initiatives, to prevent pasture degradation and improve water reserves in remote pasture lands by building ponds and reservoirs for collecting rain and snow water, through the payment for ecosystem services.	2017-2030	MFA	MEGDT, governors of all levels	SB, PP,	A payment system for ecosystem services is engrained, and incomes from the payment are granted to herders who maintain their livestock number and herd composition in accordance with the land features and rotate pastures by using otor. A promotional system for herders from remote aimags and soums that are isolated more than 600 kms from Ulaanbaatar city is developed.
		2	Pilot and introduce the methodologies to define pasture values, and to conduct inventories of greenhouse gas emissions for the land use and livestock husbandry sectors.	2016-2020	MEGDT	MFA, IO	IO	A system to determine natural economic values and benefits is developed, and numerical information of environmental impacts from livestock husbandry is released.

**STRATEGIC
OBJECTIVE #5:**

Encourage education,
science, and technology to
serve as the catalyst for green
development, and develop
cultural values and livelihoods
that are in harmony with nature



No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
5.1	Engrain a resource efficient and effective consumption culture, environmentally friendly lifestyle, traditional customs of nature/environmental conservation, and the patriotism through the education for sustainable development.	1	Formulate and implement the program of education for sustainable development by assessing the current level of public knowledge on sustainable development.	2016-2030	MEGDT	MECS	IO	By implementing the education program, sustainable and green development concepts are publicized, and a resource efficient and effective consumption culture is promoted.
		2	Engrain the culture of resource efficient and effective consumption in consistent with the modern lifestyle and hand down the traditional knowledge and practices of nature conservation, by incorporating the sustainable and green development concepts into all levels of educational programs.	2016-2030	MECS	MEGDT	IO	Sustainable and green development concepts are integrated in all level education programs, textbooks, and activities. Environmentally friendly and economic behaviors are engrained in children's behaviors from early ages.
		3	Implement the assistance/support program for startup companies, which connect training-production, to foster in the business incubator by incorporating the sustainable development and green economy concepts into the college and university programs/curriculums.	2016-2020	MECS	MEGDT	SB, IO	Researchers and students are trained as innovation agents, through the incorporation of sustainable development concepts in college and university programs.
		4	Engrain the traditional conservation knowledge and environmentally friendly lifestyles in youths, by supporting the eco-school activities.	2016-2022	MEGDT	MECS	IO	Traditional conservation customs, modern conservation methods, environmentally sound lifestyles and attitudes are engrained through eco-schools.
		5	Formulate and implement a strategic plan to advertise sustainable and green development concepts through news and media instruments.	2016-2020	MEGDT		IO	Sustainable and green development knowledge is comprehensively and sufficiently publicized.
		6	Develop the e-learning/training system and elaborate the handout which is directed to the target groups to provide knowledge on the green development and the green economy.	2016-2020	MEGDT		IO	Training modules and handouts are formulated.
		7	Organize and conduct trainings and seminars on the green development and the green economy for central and local administrations, private entities and organizations, and the public.	2016-2020	MEGDT	MNCCI	IO	Knowledge on green development and economy is spread.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
5.2	Establish best practices for efficient production and consumption of products/goods by promoting the introduction of environmental management standards "MNS ISO14000" for economic entities.	1	Support the administration of relevant researches directed to introduce the collection standards of the environmental management, and the determination of implementation approaches.	2016-2020	MEGDT	MI, other ministers, ASM	IO	Green strategic plans of business sectors are formulated and implemented, by conducting researches and supporting the introduction of environmental management standards.
		2	Organize the national capacity building activities and practical trainings, to introduce, advertise, assess, monitor and verify ISO 14001, the environmental management standard.	2016-2030	MEGDT	ASM, MNCCI	IO, PS	Training programs and public awareness modules are developed, and specialists are prepared.
		3	Create the advertising and support mechanism for the economic entities and organization to adapt the environmental management standards, MNS ISO 14001 and 14051.	2017-2025	MEGDT	ASM	SB	Economic entities and organizations that have introduced MNS ISO 14001 to their activities by adopting company's social responsibilities have increased.
5.3	Access and evaluate environmental, cultural and historical heritage risks and impacts of mining and major development projects in prior to its implementation, and implement preventive and protective measures.	1	Upgrade a legal environment to undertake the complex assessment of environment, history and cultural heritage in prior to the implementation of large mining and regional development projects.	2016-2018	MECS, MEGDT		SB	Relevant regulations and coordination are determined based on preliminary studies.
5.4	Encourage the development of clean technology and innovation to support green development by increasing the share of GDP expenditure for science and technology research and experimentation by two percent by	1	Build capacities in developing proposals for funding from international organizations and funds, and increase financial sources for research and development towards green development innovations and clean technologies.	2016-2030	MECS	MOF, other ministers	IO, SB, PS	Financial sources for green development oriented researches and experiments, and numbers of science and technology projects have increased.
		2	Use new techniques and technologies effectively in own country's circumstances and prepare human resources systematically to utilize the leading technologies.	2016-2025	MECS	RO, PS	SB, PS	Skillful and capable personnel with ability to quickly adjust to new technologies to Mongolia's conditions are prepared.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
	2020, and by three percent by 2030, and use it as the catalysts for green development.	3	Award and fund projects in the areas of green development and green technology among young scientists and researchers.	2016-2020	MEGDT	MOF, MECS	IO	Grants are given to young scientists and contracts are signed.
5.5	Increase manufacturing of green products with specified quality and exclusivity by expanding cooperation between scientific organizations and industries to apply, convey and transfer throughout industries innovations, biotechnology and nano-technology.	1	Develop a partnership with public, private and research institutes, and promote productions in introducing advanced techniques and technologies based on the triple partnerships through tax, loan and procurement policies.	2016-2025	MI	MECS, ministers, MNCCI, RO	SB, PS	Research and technology based national green production that leads to their quality and characteristics has increased.
		2	Establish a start-up green product manufacturer at (next to) the research institutes, and support its effective production.	2016-2025	MECS	MI	SB, PS	Startup companies are established and have started substantial operation.
		3	Formulate and implement sub-programs for a development of innovation policy and sectoral innovations, in accordance with policies and programs of sectors.	2016-2025	MECS	ministers	SB	Innovation policies are confirmed, programs are formulated, and implementation is ensured.

**STRATEGIC
OBJECTIVE #6:**

Develop and implement a population
settlement plan in accordance with
climate change, while considering the
availability of natural resources and the
resilience of regions



No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
6.1	Offer comfortable living and working environments for the locals by developing self-sufficient "green" and "smart" cities and villages that are compatible with the carrying capacity of the environment and climate change trends, in order to prevent the overpopulation in urban cities.	1	Organize formulation, approval and implementation of a general development project for Mongolian population settlement, systematically.	2017-2030	MCUD	MOF, ministers, AG	SB	Population settlement and development policies are formulated, and in process of implementation.
		2	Organize development and resolution of issuing the official city status to aimag centers and settlement areas (towns) with a population of 15000 or more, in accordance with the Law on the Legal Status of Cities and Towns.	2016-2018	MCUD	CSGM, AG, ministers		Conditions to reduce overpopulation, decrease human migration and movement, for people to sustainably settle down, live and work in their local areas, and urge social and economic development of cities are created.
		3	Create an evaluation (assessment) system by determining the criteria of "Green" and "Smart" cities and towns.	2016-2018	MCUD	MEGDT AG	IO	Criteria, assessment, and incentive systems are developed.
		4	Amend and implement the general city and urban development plan, by reflecting/ integrating principles of "Green" and "Smart" development.	2016-2030	MCUD	AG	PP, IO, PS	A development plan consistent with "Green" and "Smart" city principles is developed and implemented.
		5	Formulate and implement a general plan to develop the Kharkhorin as an environmentally sound city.	2017-2030	MCUD	AG	SB	A model "Green" city is built.
		6	Formulate and implement a general development plan for a model "smart" city at the site of the international airport to be constructed in the Khushigt Valley.	2016-2030	MCUD	MRT AG	SB	A model "Smart" city is built.
		7	Formulate and implement development plans for suburban cities and towns in accordance with the amendment plan of Ulaanbaatar city until 2020 and development trends of 2030, by incorporating the "Green" city principles.	2016-2030	GCC	MCUD, other ministers	SB, PP	Model suburban cities and towns with comfortable living and working environments and conditions.
		8	Develop cities and towns based on mining productions as a model "Green" city by conducting mine closure rehabilitation activities in surrounding areas.	2016-2020	MCUD	MM, MEGDT, AG, PS	PS, SB	Model green cities based on certain activities such as post-mining tourism are built.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
6.2	Reduce air, water, and soil pollutions by establishing a legal framework for imposing liability for, and upgrading and implementing plans for urban land use, construction zoning and infrastructure provisioning.	1	Upgrade laws and regulations on urban development and land administrations and the legal environment for land use zoning.	2016-2018	MCUD	MEGDT	SB	The legal environment for accountability of city planning, land use, construction zoning and planning is established and implemented.
		2	Formulate and implement a master plan for the water supply and the sewage system of Ulaanbaatar city.	2016-2025	GCC	MCUD, MEGDT	PP, PS	Environmental pollution is reduced by increasing the sufficiency of the city's water supply and upgraded sewage system.
		3	Make the monitoring-evaluation more effective by conducting inventories of sources and wastes of air, soil and water pollutions, and by creating the information database.	2016-2020	MEGDT	AG	SB, PP	Rationales to implement the Polluter Pays Policy are established, and environmental pollutions are reduced.
		4	Introduce best practices by implementing a model project to upgrade sanitation facilities of Ger districts in Ulaanbaatar city.	2016-2019	MEGDT	AG	IO, PS	Residential sanitation and hygiene facilities that adapted to suit Mongolia's conditions are discovered and experimented. The first phase, covers 8000 households.
		5	Establish green spaces by organizing rehabilitation and cleaning activities in contaminated soils and river sediments, systematically.	2016-2020	AG	MEGDT	SB, IO	Main polluting sources for soil and water contamination are eliminated.
6.3	Increase the share of green space in the urban area by 15% by 2020, and by 30% by 2030 through the re-development of Ulaanbaatar and other urban settlement areas.	1	Establish a legal environment for the green spaces in cities and towns.	2016 -2017	MCUD	MEGDT		A legal environment for planning, developing, utilizing, protecting, and rehabilitating green space in cities and towns is established.
		2	Introduce the best practices by developing and implementing a master plan for the green spaces of Ulaanbaatar city.	2016-2020	GCC	MCUD, AG	PP	Gardening is implemented according to the approved plans and schedules. In Ulaanbaatar, 2100 ha of land is used for establishment of large parks, and 150 ha of area developed as garden area.
		3	Supply the domestic demand of annual and perennial plants by establishing gardens and tree nurseries.	2016-2030	AG		PP, PS	The number of green jobs is increased, and domestic demand on seedlings of trees, bushes, and flowers is supplied, fully.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
6.4	Reduce solid waste in landfills by 20% by 2020, and by 40% by 2030, by recycling, reusing wastes and producing value added products, and establishing proper waste-reduction management practices through the promotion of efficient technology, provision of practical knowledge on maintaining healthy environment and lifestyles.	1	Local governments and actual sectors formulate and implement waste management master plans.	2016-2030	All ministers	AG	SB, PS	Healthy and clean environments are ensured through implementation of proper waste management of aimags, and the capital city which has developed their own proper waste management consistent to the relevant laws and regulations,
		2	Intensify promotional activities and trainings to enhance and engrain public awareness and consciousness of waste reduction and recycling.	2016-2030	MEGDT	AG	IO, PP	Meanwhile people's awareness and consciousness enhance, the amount of open waste is decreased, and the healthy and clean environment is established.
		3	Engrain the right mindsets by integrating comprehensive concepts of waste in preschool and formal education curriculums.	2016-2030	MECS	MEGDT, AG	SB	Public attitude towards waste is changed through the engrainment of good behaviors in children from early ages.
		4	Establish solid waste disposal sites in accordance with sanitation and hygiene requirements.	2016-2020	AG		PP	Each city and town have established solid waste disposal sites that meet sanitation and hygiene requirements.
		5	Formulate and implement a master plan to improve the management of hazardous wastes.	2017-2025	MEGDT	AG	SB, PS	Hazardous waste risks are reduced through implementation of the improved management.
		6	Reduce the solid waste by bringing wastes into the economic circulation through the establishment of the eco-complex for recycling and power generation and by landfilling (at the Naran and the Tsagaan davaa waste disposal sites).	2016-2030	GCC	MEGDT	PS, SB	The amount of waste in landfills is reduced through the establishment of factories that use waste as an energy source. Two factories are built by 2020, and three factories built by 2030.
		7	Implement a project to dispose of the out-of-service vehicles and use the dismantled (extracted) parts as raw materials.	2016-2020	MRT	GCC	SB, IO	A recycling factory of out-of-use vehicle parts is established.
6.5	Ensure the comfortable commuting environment for citizens by developing an environmentally sound, adequate, and safe public transportation modes and services.	1	Introduce "Bus Rapid Transit" (BRT) to the capital city's public transportation.	2017-2019	MRT	MCUD, GCC	SB, IO	Prompt passenger service is enabled by building a special road with a length of 64.5 km.
		2	Implement the "Ulaanbaatar subway" project.	2017-2025	MRT	MCUD, GCC	SB, IO	10,700 passengers are able to take subway services every 8-9 minutes in the direction of Amgalan-Tolgoit-Amgalan
		3	Upgrade of public transportation vehicles, and implement an effective and efficient planning of stops and routes.	2016-2020	GCC	MRT	PP, PS	Environmentally friendly public transportation solutions are tested and implemented.

No	Approaches to achieve the objectives	Activity number	Implementation Activities	Implementation period	Main implementing agency	Co-implementing agency	Funding Source	Outcomes and indicators
		4	Pilot and implement the introduction of environmentally harmless vehicles into public transportation services.	2016-2025	MRT	GCC	SB	Experiments of environmentally harmless vehicles are carried out by public transportation services, and implementation plans are drafted.
		5	Pilot an introduction of fuel gases use of public transportation services and conduct studies on necessary equipment.	2016-2020	MRT	MM, ME	SB, IO	Experiments and researches are conducted.
		6	Formulate and implement technological and economic assessments for the testing center that checks technical and traffic safety performances for domestically assembled monbus and doubus, and vehicles with additionally installed fuel gas equipment.	2016-2020	MRT	GCC	SB, PP	A technical testing center is established, and passenger safety is ensured.
		7	Develop a standard design plan for drive-through service plazas, by considering the green solutions and comfortability of travelers, on intercity roads, and organize planning and establishment with local citizens.	2016-2020	MRT	MEGDT governors of all levels	PP, PS	Drive through service plazas that provide passengers with comfort and convenience are built, and jobs are created for local citizens.
6.6	Enhance space available for pedestrians and cyclists through improved planning and organization of pedestrians' carriageways, green areas, bicycle lanes and parking.	1	Upgrade norms and rules of rural and urban development and construction, in accordance with requirements of the green city planning.	2016-2020	MCUD	MEGDT, GCC	FCN	Norms and rules for rural and urban planning and construction are upgraded.
		2	Establish a legal regulatory environment for planning, construction, usage, and control of parking lots.	2016-2017	MCUD	MRT		The urban planning has become adequate by establishing the legal environment for parking lots.
		3	Develop and implement the design plan by defining the location planning of sidewalks, bicycle roads, green space, and parking lots, in accordance with the general and partial planning of cities and towns.	2016-2030	AG	MCUD, MRT	PP	Citizens are provided with opportunities to take walks and ride bicycles.
		4	Create comfortable environments for citizens to enjoy recreationally and sports activities by implementing rehabilitation projects in riversides of the Tuul and Selbe.	2016-2020	GCC	MEGDT	IO, PP	A bicycle road with a length of 21 km and other facilities are built between Bayanzurkh bridge to Songolon bridge.

ABBREVIATION



MoI	- Ministry of Industry	SIGO	- Social Insurance General Office
MEGDT	- Ministry of Environment, Green Development and Tourism	GPA	- Government procurement office
MCUP	- Ministry of Construction and Urban Planning	IPO	- Intellectual property office
MoD	- Ministry of Defense	MASM	- Mongolian Agency for Standardization and Metrology
MECS	- Ministry of Education, culture and science	NCSM	- National center for Standardization and Metrology
MoFA	- Ministry of Foreign Affairs	NSO	- National Statistical office
MRT	- Ministry of road and transportation	BP	- Budget portfolio
MoF	- Ministry of Finance	ACG	- Aimag and city governors
MoM	- Ministry of Mining	AG	- Aimag governors
MoL	- Ministry of Labor	CM	- City Mayor
MoJ	- Ministry of Justice	CNNF	- Construction norm and normative fund
MPDSW	- Ministry of Population development and Social welfare	SMEPF	- Small and Medium enterprise promotion fund
MoFA	- Ministry of Food and agriculture	MBA	- Mongolian Banking Association
MoE	- Ministry of Energy	MNCCI	- Mongolian national chamber of commerce and industry
MoHS	- Ministry of health and sport	IO	- International organizations
GCO	- Government Cabinet Office	PS	- Private sector
GAPI	- General Authority for professional inspection	LPF	- Livestock protecting fund
EMO	- Emergency management office	EPF	- Employment promotion fund
MC	- Mongolian Customs	SB	- State budget
GASR	- General Authority for state registration	LP	- Local Partnership
BoM	- Bank of Mongolia		

NOTE



