

SUSTAINABLE PLASTIC RECYCLING IN MONGOLIA

Funded by the SWITCH-Asia II programme of the European Union



Project Timeline: 05/2020 – 04/2024
Total budget: 2 million EUR

Project Partners: Caritas Czech Republic, Ecosum, Environment and Security Center of Mongolia, WG Masaryk Water Research Initiative, Mongolian Sustainable Development Bridge NGO

OVERALL OBJECTIVE

To contribute to the economic prosperity and poverty reduction and support the development of a green economy and the transition towards a low-carbon, resource-efficient and circular economy in Mongolia

Project target areas

Establish an effective waste management system for plastic waste and support the development of plastic recycling industry

Ulaanbaatar

Support the local recycling industry and assist the province to disseminate good practices

Bulgan province

Project will strive to create the first waste-free soum in Mongolia

Khishig-Undur soum

Project beneficiaries



MSMEs in the
plastic recycling
sector



Municipality,
urban-district, aimag
and soum administrations



Actors involved
in plastic waste
collection



Local NGOs and CSOs.



Waste
producers

BETTER ACCESS TO WASTE; IMPROVED PLASTIC WASTE COLLECTION, SORTING AND CLASSIFICATION SYSTEM

- 1 Identify constraints on efficient collection of plastic waste in Ulaanbaatar, Bulgan Aimag and Khishig-Undur Soum
- 2 Design plastic waste collection schemes suitable for urban and rural environment
- 3 Organize training sessions for public authorities on plastic waste separation, collection and classification
- 4 Form network of communities and CSOs to focus on raising consumers' awareness of plastic waste separation and collection
- 5 Organize activities at kindergartens, primary and high schools, universities, state and public institutions to raise awareness on waste collection and sorting
- 6 Provide guidance and create working plan to make a more enabling legal environment for plastic recycling

PLASTIC RECYCLING COMPANIES HAVE ACCESS TO ADVANCED EQUIPMENT AND TECHNOLOGIES

- 1 Propose innovations and investments after identifying the technology gaps of the plastic recycling companies
- 2 Organize seminar to introduce the technology innovations to the companies, explaining their economic feasibility
- 3 Conduct analysis of constraints regarding access to finance faced by plastic recycling companies
- 4 Based on the analysis, facilitate interactions between plastic recycling companies and finance service providers (banks, development funds, etc.)
- 5 Organize on-the-job training sessions abroad for key workers of plastic recycling companies
- 6 Identify and design new waste-based products from recycled plastic waste
- 7 Cooperate with soum and aimag authorities to facilitate the trial plastic waste recycling solutions for rural areas

PLASTIC RECYCLING COMPANIES HAVE MORE CUSTOMERS

- 1 Build marketing capacities of plastic recycling MSMEs
- 2 Develop health, safety and quality standards for products made of recycled plastic
- 3 Organize seminars, workshops and exhibitions to promote recycled products
- 4 Organize study tour abroad for recycling companies to familiarize them with promotion and marketing of recycled products

PROJECT OUTCOME IS EASILY REPLICATED IN OTHER SOUMS AND PROVINCE

- 1 Organize events to involve decision-makers in follow-up activities aimed at replication and scale-up of results achieved by the project
- 2 Establish a cluster of local and international waste management experts who will participate in further replication actions
- 3 Develop and disseminate replication packages containing findings, recommendations, solutions and best practices produced by the project

Specific objective

- To promote sustainable production and consumption (SCP) patterns by supporting SMEs and MSMEs in adopting SCP practices
- To create an enabling environment to strengthen the implementation of national SCP policies and assist stakeholders in harvesting the benefits of SCP

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