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GERMAN DEVELOPMENT COOPERATION

IN THE PRIORITY AREA "BIODIVERSITY"

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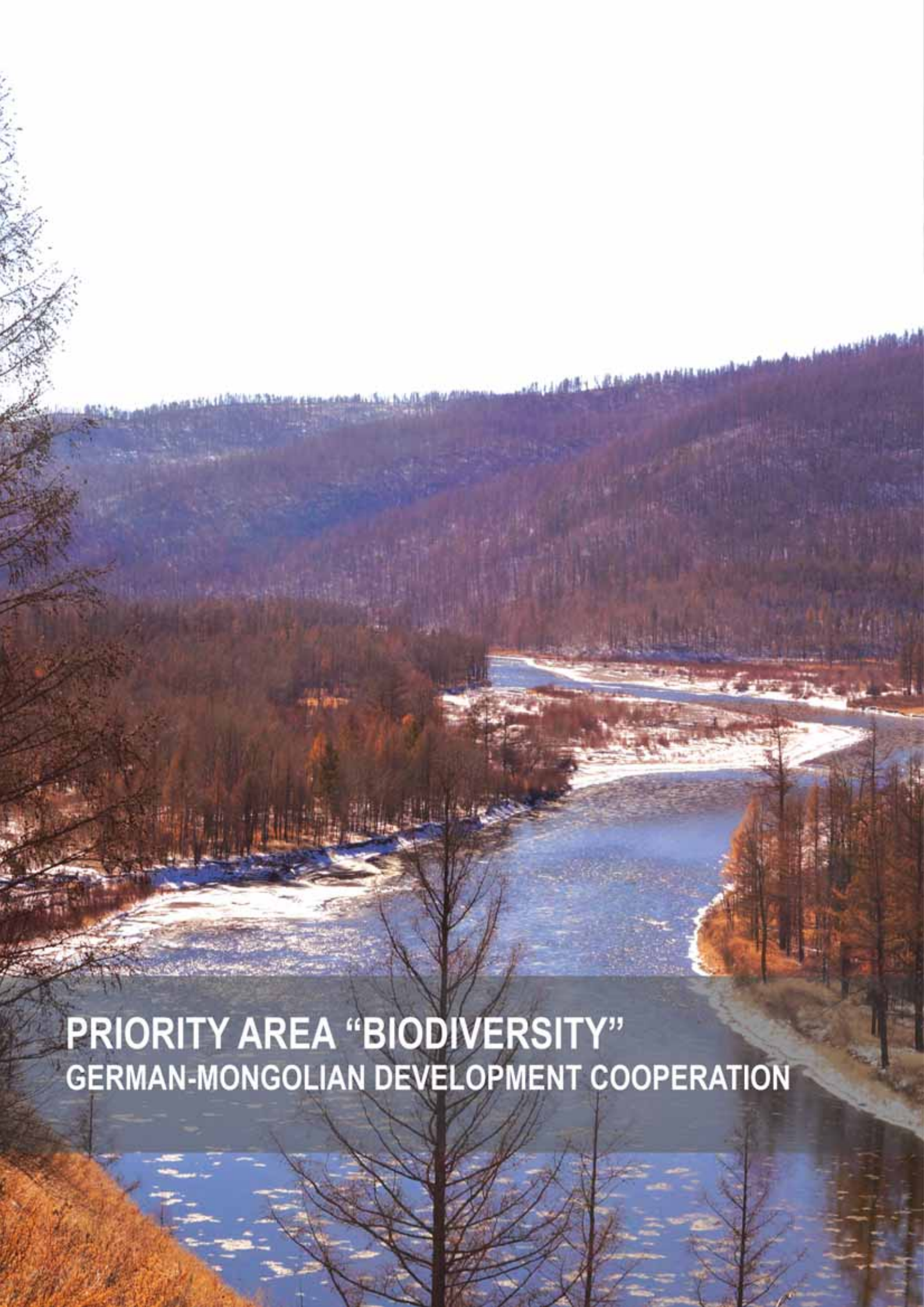
GIZ Program
„Biodiversity and Adaptation of Key Forest Ecosystems to Climate Change II"

GIZ Project
"REDD + National Forest Inventory in Mongolia"

Bldg. of National Agency for Meteorology and
Environmental Monitoring, Office room #117,
Juulchnii gudamj-5,
P.O.B. 1264, Ulaanbaatar-14251, Mongolia

T.: +976 11 312282
+976 70117180
F: +976 11326116
I: www.giz.de
https://www.youtube.com/channel/UCeiqvbynTYMX8Ev5Bb4WiNA

Ulaanbaatar, Mongolia, 2015



PRIORITY AREA "BIODIVERSITY"
GERMAN-MONGOLIAN DEVELOPMENT COOPERATION

GERMAN DEVELOPMENT COOPERATION IN THE PRIORITY AREA "BIODIVERSITY"

GERMAN-MONGOLIAN INTERGOVERNMENTAL NEGOTIATIONS, 27 MARCH 2012, BONN, GERMANY AND 05 SEPTEMBER 2014, ULAANBAATAR, MONGOLIA

Bilateral agreement on the German Government's contributions in protecting the Mongolian biodiversity and in ensuring sustainable use of chosen ecologically important ecosystems has been made and is being implemented as a result of the German-Mongolian intergovernmental negotiations held in March 2012 and confirmed in September 2014. The priority area's main objective is to conserve biodiversity while ensuring an improvement in living conditions for rural populations. Protecting important ecological areas and related species as well as governing and managing them in a sustainable manner while recognizing the impacts of climate change.

Overall goal: The conservation of biodiversity through protection and sustainable management of selected ecologically significant areas considering climate change whilst improving the living conditions of the rural population.

Lead executing agency: Ministry of Environment, Green Development and Tourism (MEGDT) of Mongolia

Implementation combining technical and financial cooperation:

- **TECHNICAL COOPERATION through GIZ,**

  "Biodiversity and Adaptation of Key Forest Ecosystems to Climate Change II" Program, 03/2015-02/2018.

  "REDD+ NATIONAL FOREST INVENTORY" Project, 06/2014-12/2016.

- **FINANCIAL COOPERATION through KFW-GROUP,**

  "Biodiversity and Climate Change Adaptation" Program, 2012-2020.

"BIODIVERSITY AND ADAPTATION OF KEY-FOREST ECOSTYSTEMS TO CLIMATE CHANGE II" Program

Implemented by the Deutsche Gesellschaft fuer Internationale Zusammenarbeit (GIZ) GmbH since 03/2015

Outcome: The stakeholders of the Mongolian forestry sector adopt proven concepts for the conservation and sustainable use of forest ecosystems and its biodiversity in consideration of climate change impacts.

Program area: Selenge, Khuvsgul, Khentii, Zavkhan, Tuv, Arkhangai and Bulgan provinces

Duration: 03/2015-02/2018

Thematic scopes & interventions:

- **LEGAL AND ADMINISTRATIVE FRAMEWORK:** Elaborate a legal and administrative framework for sustainable forest management including an implementable financing strategy.
- **PILOTING OF SUSTAINABLE FOREST MANAGEMENT:** Demonstrate technical tools and concepts for sustainable forest management as a model.
- **INTEGRATED VOCATIONAL EDUCATION:** Piloting of an integrated education system for the planning, implementation and control of sustainable forest management.

LEGAL AND ADMINISTRATIVE FRAMEWORK

Objective: Legal and administrative framework for sustainable forest management including an implementable financing strategy is elaborated.

Support to Mongolian stakeholders in elaboration of regulations for sustainable forest management, including Access and Benefit Sharing, Certification, Seed and Reproductive Material, License for forest enterprises. Stakeholders within the Mongolian forest sector will likewise be supported in determining the functions and tasks of institutions in planning, implementation and control of sustainable forest management.

Facilitate access to relevant national as well as international funding sources, specifically funding of adaptation measures in reference to an adaptation measure in the forestry sector.

Main interventions for objective achievement:

- Establishment of legal framework for Access and Benefit Sharing (ABS), Certification, Seed and Reproductive Material, and License for Forest Enterprises;
- Development of recommendations on functions and tasks of institutions in planning, implementation and control;
- Elaboration and submission of a project proposal on adaptation measures in the forestry sector

PILOTING OF SUSTAINABLE FOREST MANAGEMENT

Objective: Technical tools and concepts for sustainable forest management are demonstrated as a model.

Calculation of a timber demand analysis based on the REDD+ compatible National Forest Inventory results. This intervention area aims to apply technical tools and concepts for sustainable forest management as pilot practices, including non-timber forest products. One of the basic precondition for implementing sustainable forest management is to replace the outdated procedure for harvest regulation with a modern forest management plan (medium term silvicultural operational planning) that considers all forest functions (economic, ecologic, social functions) simultaneously to an equal degree and dimension. Also within the framework of the intervention area, the program will develop conceptual recommendations for a National Certification Standard for an independent verification of sustainable forest management (forest certification). Furthermore, findings on biodiversity for the REDD+ reporting and certification of sustainable management will be gathered and presented.

Main interventions for objective achievement:

- Elaboration of a demand analysis including accessible timber stock;
- Implementation of an instruction for forest management planning and silvicultural guidelines derived from the National Forest Inventory in the frame of pilot management plans for forest enterprises;
- Implementation of the certification criteria and test them in forest enterprises to serve as best practices.

INTEGRATED VOCATIONAL EDUCATION

Objective: An integrated education system for the planning, implementation and control of sustainable forest management is piloted.

It builds on the previous program's approach of promoting vocational education and training for forest workers and expands it further. The goal has been declared to ensure balanced gender ratio among the trainees, i.e. at least 40% women. At present, the program cooperates with three Vocational Training Schools and it is planned to gradually increase it up to five. The Vocational Training Schools will be qualified in terms of their personnel (Training of Trainers), concepts (advice on didactic concepts and content) and materials (equipment and teaching materials) in order to be able to conduct a modern forest vocational education following the principles of dual vocational education system. For the practical training, the Vocational Training Schools are currently cooperating with two forest enterprises that have provided relatively large forest areas as "school forests".

Main interventions for objective achievement:

- Ensuring of balanced gender ratio among the trainees, i.e. at least 40% women;
- Testing of training concepts and materials for forestry planning;
- Expansion of the network of Vocational Training Schools capable of high-quality forestry education;
- Qualified personnel, concepts and materials at the Vocational Training Schools.

"REDD+ NATIONAL FOREST INVENTORY IN MONGOLIA" PROJECT

Implemented by the Deutsche Gesellschaft fuer Internationale Zusammenarbeit (GIZ) GmbH since 06/2014

"REDD+ NATIONAL FOREST INVENTORY IN MONGOLIA" PROJECT

Lead executing agency: Mongolian Ministry of Environment, Green Development and Tourism

Overall goal: Forest-related divisions of Mongolia's MEGDT (Ministry of Environment, Green Development and Tourism) implement evidence based reforms of Mongolia's forest management system and forest-related climate change reporting.

Project region: Central and Northern Mongolia

Duration: 01.06.2014 - 31.12.2016

Main outputs and interventions:

- **Output A:** A complete multipurpose National Forest Inventory (NFI) is in place:
  a. Operationalizing the National Forest Inventory (NFI) Database including activity data as well as emission factors (esp. soils),
  b. Publishing of the NFI data analysis and scientific interpretation.
- **Output B:** Consolidated forest carbon data-sets are developed, in line with proposed formats for Mongolia's climate-change reporting:
  a. Quantifying of a coherent calculation of forest carbon-pools deriving from the NFI and soil-carbon sampling analyses,
  b. Operationalizing of a publicly available Monitoring and Information database, including GIS online Forest Atlas.
- **Output C:** Policy recommendations and operational guidance for praxis are derived from applied research based on the NFI:
  a. Development of policy recommendations,
  b. Development of a proposal of procedural guidance on forest planning at concessional level based on NFI data and making it available to the Mongolian Ministry of Environment, Green Development and Tourism,
  c. Elaboration of draft guidelines (such as species-site matching, silviculture, risk management – e.g. fire, pests) for approval.
- **Output D:** New procedures of forest planning and silvicultural procedures are streamlined into forestry education and extension:
  a. Development of a course on forest planning and on silvicultural guidelines component by the National University of Mongolia drawing on the results of the applied research program;
  b. Elaboration of a module for a training of forest advisors in forest units on new silvicultural procedures and forest management.