

Forests for Future

Optimisation of forest carbon sinks through adapted forest management in Slovenia

Slovenia Forest Service

March, 2022

Supported by:



based on a decision of the German Bundestag

BIO4ECO and Forests for Future

- **Related thematics:**

1. Mitigation of climate change
2. Sustainable use of biomass, cascading use of wood
3. Policy recommendations

- **Joined efforts:**

1. Preparation of policy recommendations
2. Dissemination efforts



Supported by:



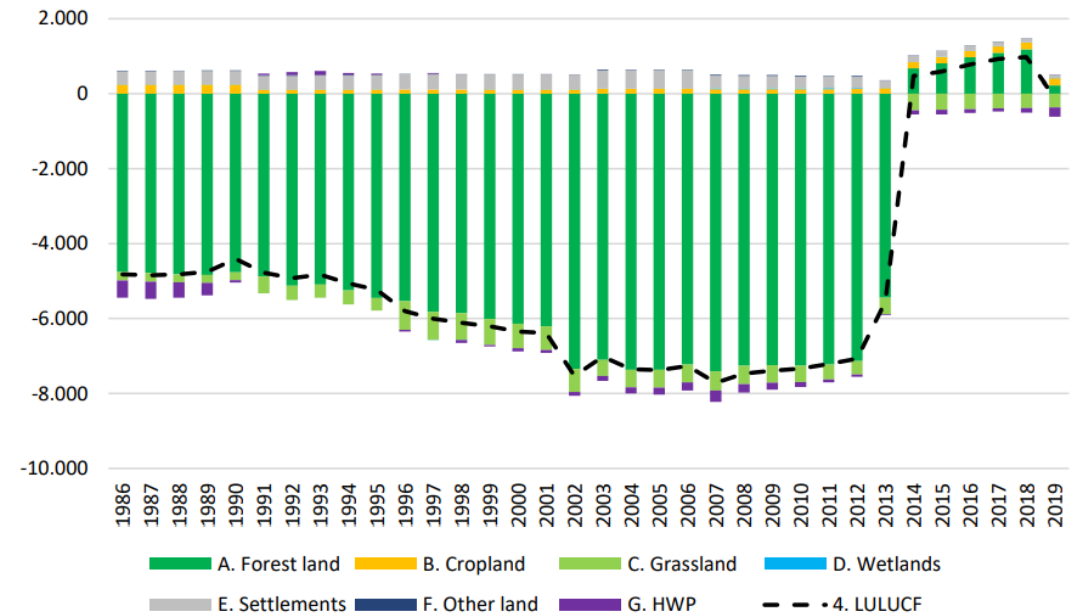
Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety

based on a decision of the German Bundestag



Carbon and forests

- **Main** source of **carbon sink** in LULUCF sector
- Significant **change** from past trends
- Effect of natural disturbance
- Required adaptation of **forest management planning** and **forestry policies**



Mali and Kušar, 2021



Supported by:



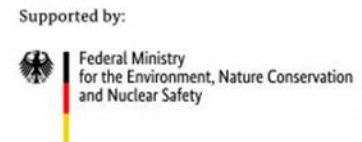
Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety

based on a decision of the German Bundestag



Project Forest for Future

- Aim: **Optimisation** of forest carbon sinks through **adaptation of forest management** in Slovenia
- Financing: **European Climate Initiative - EUKI**, financing instrument of the German Federal Ministry for Economic Affairs and Climate Protection (BMWK)
- Project consortium: **Slovenia Forest Service** (leading partner), **BF UL, Department of Forestry** (partner)
- Project duration: November 2020 – February 2023
- Funding: 448.466 EUR



based on a decision of the German Bundestag



Project goals

- Preparation of **forest management planning guidelines, policy recommendations**
- **Increased knowledge of forestry experts and policy-makers** about possibilities of forest carbon sink management
- **Implementation** of forest management planning guidelines into practice
- **Increased awareness of large forest estate owners, managers and other relevant stakeholders**



Supported by:



Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety

based on a decision of the German Bundestag



Project outputs

- **Output 1:** Forest development modeling and scenarios
- **Output 2:** Forest management planning guidelines and policy recommendations
- **Output 3:** Expert trainings
- **Output 4:** Networking with large forest estate owners and managers
- **Output 5:** Dissemination



Supported by:



Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety

based on a decision of the German Bundestag



Forest development modeling and scenarios

- **Parameterization** of forest development model
- **Simulations** of forest development under various forest management scenarios
- **Optimisation** of forest management regarding carbon sink
- Preparation of a **digital tool prototype** for forest development planners



Supported by:



Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety

based on a decision of the German Bundestag



Forest management planning guidelines and policy recommendations

- Elaboration of two **documents**:
 - I. forest management planning guidelines
 - II. forestry and climate policy recommendations
- Foundations for document creation:
 - I. existing scientific developments
 - II. result of modeling and creation of scenarios (Output 1)
 - III. feedback from expert trainings
 - IV. feedback from forest owners and managers



Supported by:



Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety

based on a decision of the German Bundestag



Expert trainings

- Organisation of **16 workshops**:
 - I. 1 workshop for forestry experts and national policy- and decision-makers
 - II. 15 workshop for Slovenia Forest Service (central and regional units)
- Participants:
 - I. 50 forest management planners
 - II. 50 heads of local field foresters
 - III. 20 experts and policy-makers
 - IV. 10 relevant institutions



Supported by:



Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety

based on a decision of the German Bundestag



Networking with large forest estate owners and managers

- Preparation of **document** presenting measures for optimisation of management with forest carbon stocks
- Organisation of 14 periodic **meetings** with large forest estate owners and managers
- Implementation of collected **feedback** into policy recommendations



Supported by:



Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety

based on a decision of the German Bundestag




Dissemination

- Blog, traditional media, workshops, meetings, printed materials
- Social media (Facebook, Instagram, Twitter, etc.)
- Participation and organisation of international networking events

[DOMOV / HOME](#) [SLOVENSKO](#) [ENGLISH](#) [MEDIJI / MEDIA](#) [O BLOGU / ABOUT](#) [ZGS.SI](#)

UKREPI ZA OPTIMIZACIJO PONOROV
OGLJIK V GOZDOVIH IN NJIHOVO
FINANCIRANJE - GRADIVO ZA
LASTNIKE GOZDOV


14/02/2022.



Podnebne spremembe pomembno vplivajo na razvoj gozdov, obenem pa imajo gozdovi


TERENSKA DELAVNICA NA OBMOČNI
ENOTI SLOVENJ GRADEC

14/12/2021.




Ekipo projekta Gozdovi za prihodnosti je 10. decembra 2021 organizirala terensko delavnico, v sklopu katere so predstavniki Zavoda za gozdove Slovenije in Oddelka za gozdarstvo in obnovljive

TWITTER

 **Zavod za gozdove Slovenije**
@zavodzagozdove

V soboto, 26. marca 2022, se bo odvil Dan sajenja medovitih rastlin.

Večina lokacij ZGS ima zagotovljenih dovolj prostovoljcev, še vedno pa ostaja nekaj prostih mest. Seznam lokacij s prosimi mesti in kontaktnih oseb najdete na naši spletni strani: zgs.si/.../26_marec_2...





Thank you for your time and attention!

