

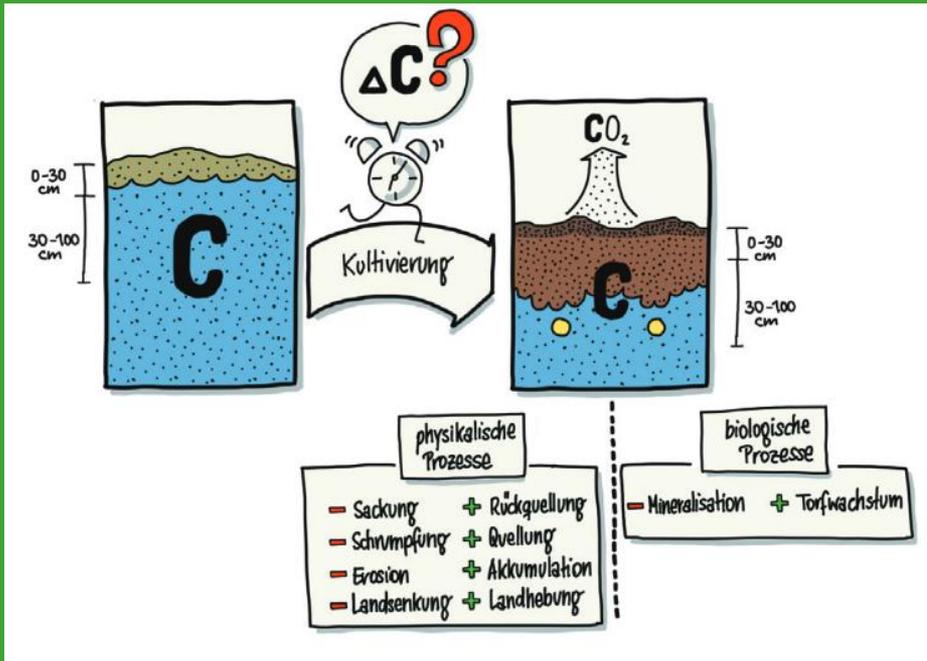


Political Framework and Activities for Peat Soil Protection in Germany

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Protecting organic soils equals climate mitigation



Simplified representation of the relationship between water levels, carbon stock (C) and terrain elevation change. This is a selection of some of the processes that contribute to the terrain elevation change (+/-) of peat soils. Not all processes lead to a change in the stored carbon stock.

Source: Thünen Institut

- With 1,300 to 2,400 million tonnes of stored carbon, peat soils represent the largest terrestrial carbon reservoir in Germany.
- Despite the small share of about 5% of the country's area, drained peat soils and other organic soils contribute to about 6.7% of Germany's greenhouse gas emissions.
- These emissions originate mainly from the decomposition of peat soils as a result of drainage measures and peat use.

Overview*

Peat soil protection

National level

Regional level

Law

Strategic
fundamentals

Implementation

Climate Action Act

Coalition Agreement,
Climate Action
Programme 2030,
Climate Action Plan
2050, Target
Agreement, National
Peatland Protection
Strategy, Peat
Reduction Strategy

Federal programme
for climate change
mitigation through
peatland protection

Peatland protection
programmes of the
federal states (e.g.
within the Joint Task of
Improving Agricultural
Structures and Coastal
Protection)

Climate Action Act

Deutschland soll früher klimaneutral werden

- Treibhausgasemissionen
 - Bis 2030: 65 % weniger CO₂ (bislang 55 %)
 - Bis 2040: 88 % weniger CO₂
 - 2045: Klimaneutralität (bislang 2050)
- Zulässige jährliche CO₂-Emissionsmengen für einzelne Sektoren wie Energiewirtschaft, Industrie, Verkehr oder Gebäudebereich werden abgesenkt.



Section 3a of the new Federal Climate Action Act defines specific targets for the annual sink capacity of the land use, land use change and forestry (LULUCF) sector.

This target is minus 25 million t CO₂ eq. by 2030.

Climate Action Programme 2030

- Adaptation of existing legal and subsidy framework conditions
- GAEC standards and ambitious design
- Creation of new funding instruments
- Intensification of research and development measures

Adopted through cabinet decision of October 9, 2019.



Source: https://www.bundesfinanzministerium.de/Content/DE/Video/2019-09-20-PK-Klimakabinett-Statement/2019-09-20-PK-Klimakabinett-Statement-bild.png?__blob=wide&v=3

Target Agreement between the Federation and the Länder on Climate Change Mitigation through Peat Soil Conservation

The federal and state agricultural and environmental ministries signed the agreement in September and October 2021 after a three-year process.

The federal and state governments agreed to reduce annual greenhouse gas emissions from peatlands by 5 million tonnes of CO₂ equivalent by 2030.

The federal and state governments are convinced that such a transformation can only succeed on a voluntary basis and in collaboration with those affected in the regions and will require considerable effort.

BUND-LÄNDER-ZIELVEREINBARUNG

zum Klimaschutz durch Moorbodenschutz

Die Bundesrepublik Deutschland

vertreten durch die Bundesministerin für Ernährung und Landwirtschaft
und die Bundesministerin für Umwelt, Naturschutz und nukleare Sicherheit

– nachstehend „Bund“ genannt –

und

das Land Baden-Württemberg
vertreten durch den Minister für Ernährung, Ländlichen Raum und Verbraucherschutz
und die Ministerin für Umwelt, Klima und Energiewirtschaft

der Freistaat Bayern
vertreten durch die Staatsministerin für Ernährung, Landwirtschaft und Forsten
und den Staatsminister für Umwelt und Verbraucherschutz

das Land Berlin
vertreten durch die Senatorin für Umwelt, Verkehr und Klimaschutz

das Land Brandenburg
vertreten durch den Minister für Landwirtschaft, Umwelt und Klimaschutz

das Land Bremen
vertreten durch die Senatorin für Klimaschutz, Umwelt, Mobilität, Stadtentwicklung und
Wohnungsbau

das Land Hamburg
vertreten durch den Senator für Umwelt, Klima, Energie und Agrarwirtschaft

das Land Hessen
vertreten durch die Ministerin für Umwelt, Klimaschutz, Landwirtschaft und
Verbraucherschutz

das Land Mecklenburg-Vorpommern
vertreten durch den Minister für Landwirtschaft und Umwelt

das Land Niedersachsen
vertreten durch die Ministerin für Ernährung, Landwirtschaft und Verbraucherschutz
und den Minister für Umwelt, Energie, Bauen und Klimaschutz

das Land Nordrhein-Westfalen
vertreten durch die Ministerin für Umwelt, Landwirtschaft, Natur- und Verbraucherschutz

das Land Rheinland-Pfalz
vertreten durch die Staatsministerin für Klimaschutz, Umwelt, Energie und Mobilität

https://www.bmel.de/SharedDocs/Downloads/DE/_Landwirtschaft/Klimaschutz/moorbodenschutz-blzv.html

National Peatland Protection Strategy

Long-term strategy of the German Government for protection and rewetting the German drained peatlands and the reduction of the greenhouse-gas emissions

1. Peatland protection – more than protecting intact peatlands
2. Peatlands as water reservoirs, habitats, carbon and nutrient sinks
3. Protect, restore, promote sustainable use
4. 10 priority areas
5. Mainfocus: Rewetting and reduction of the emissions
6. Support for voluntary rewetting measures
7. Promotion and financial fundings for farmers
8. Multiple use – Multiple benefit

Accelerated rewetting of peat soils

Funding amounting to 4 billion euros is earmarked for nature-based solutions in the years 2022 to 2026. This relates to measures such as the following:

1. Promoting a federal programme for climate change mitigation through peatland protection in order to support rewetting projects and associated measures as well as site-adapted wet use as quickly as possible.
2. Further developing the National Peatland Protection Strategy and initiating its implementation.
3. Establishing an offer from the federal government to buy areas selectively in order to advance rewetting projects.



Source:
<https://www.fnr.de/fileadmin/Projekte/2021/Foerderaufrufe/FNR058-MuD-Moorbodenschutz-160921.pdf>



Thank you very much for your attention!