

# Measures of peatland restoration in Mecklenburg-Vorpommern

20<sup>th</sup> September 2022

**Dr. Malte Ehrich**

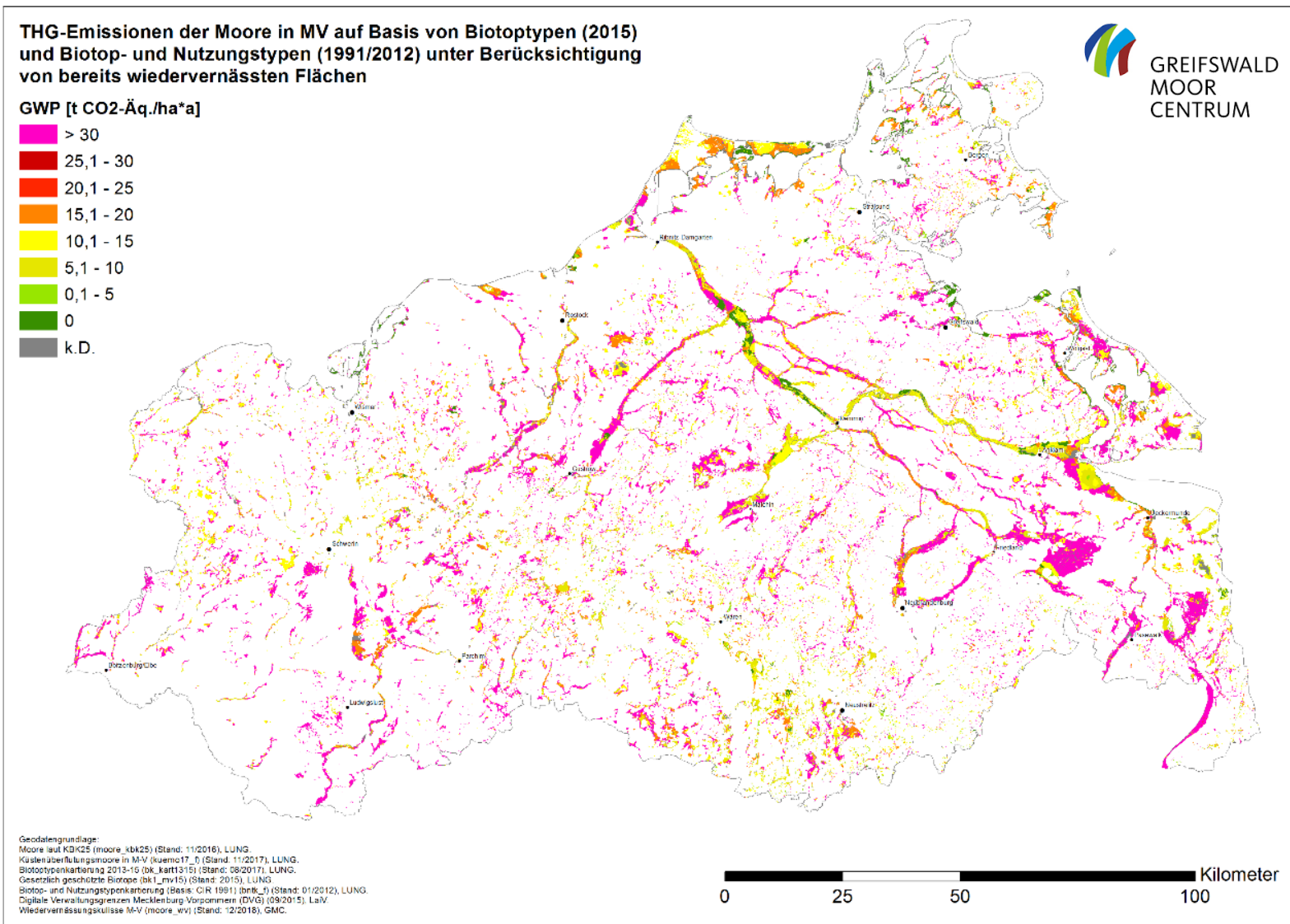
Ministry of Climate Protection, Agriculture, Rural Areas and Environment,  
Mecklenburg-Vorpommern (Germany)

# Landscapes in Mecklenburg-Vorpommern

69 inhabitants per km<sup>2</sup>  
GDP p.c. 29 TEUR

Our wealth consists of numerous biotopes and their indispensable ecosystem services - which are of no value for economic statistics unfortunately...

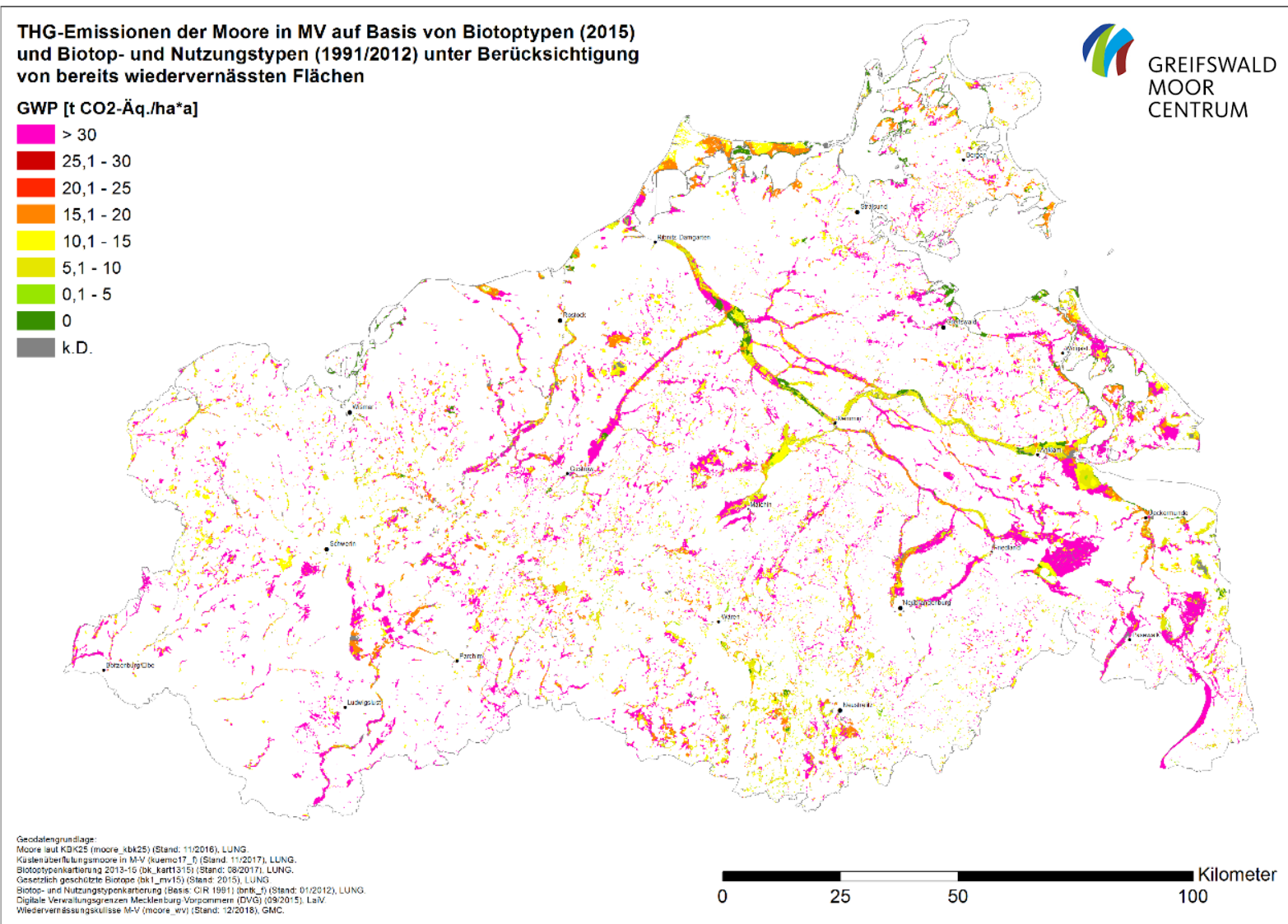
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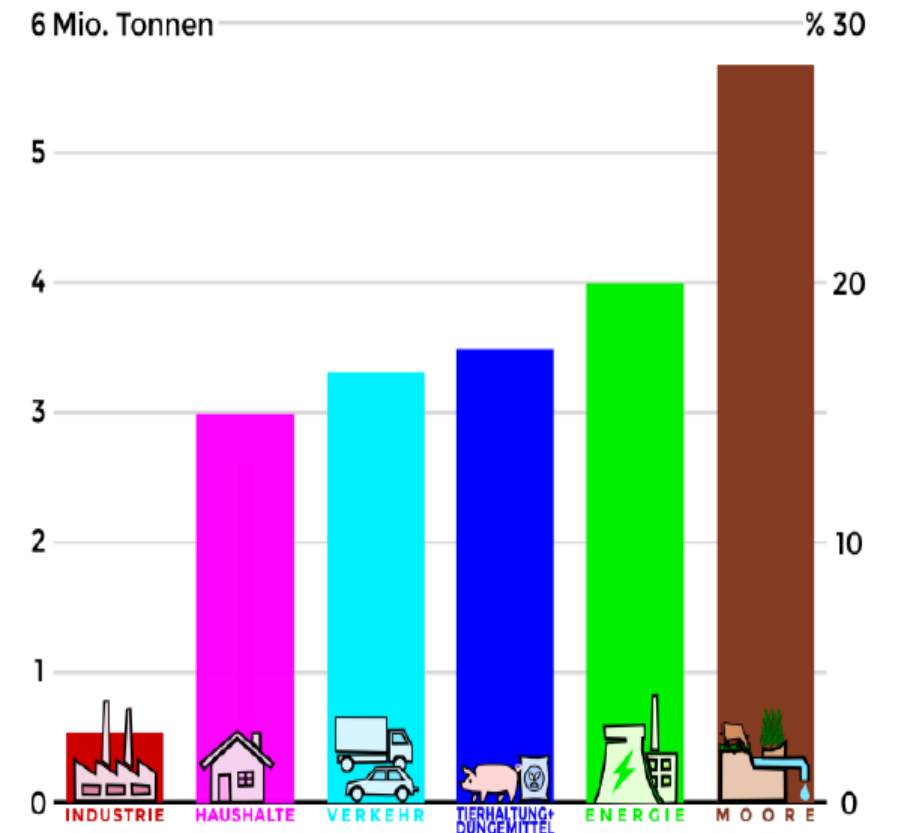
Hirschelmann et al. 2020

[https://www.greifswaldmoor.de/files/dokumente/Infopapiere\\_Briefings/20210531\\_Faktenpapier%20Moorklimaschutz.pdf](https://www.greifswaldmoor.de/files/dokumente/Infopapiere_Briefings/20210531_Faktenpapier%20Moorklimaschutz.pdf)

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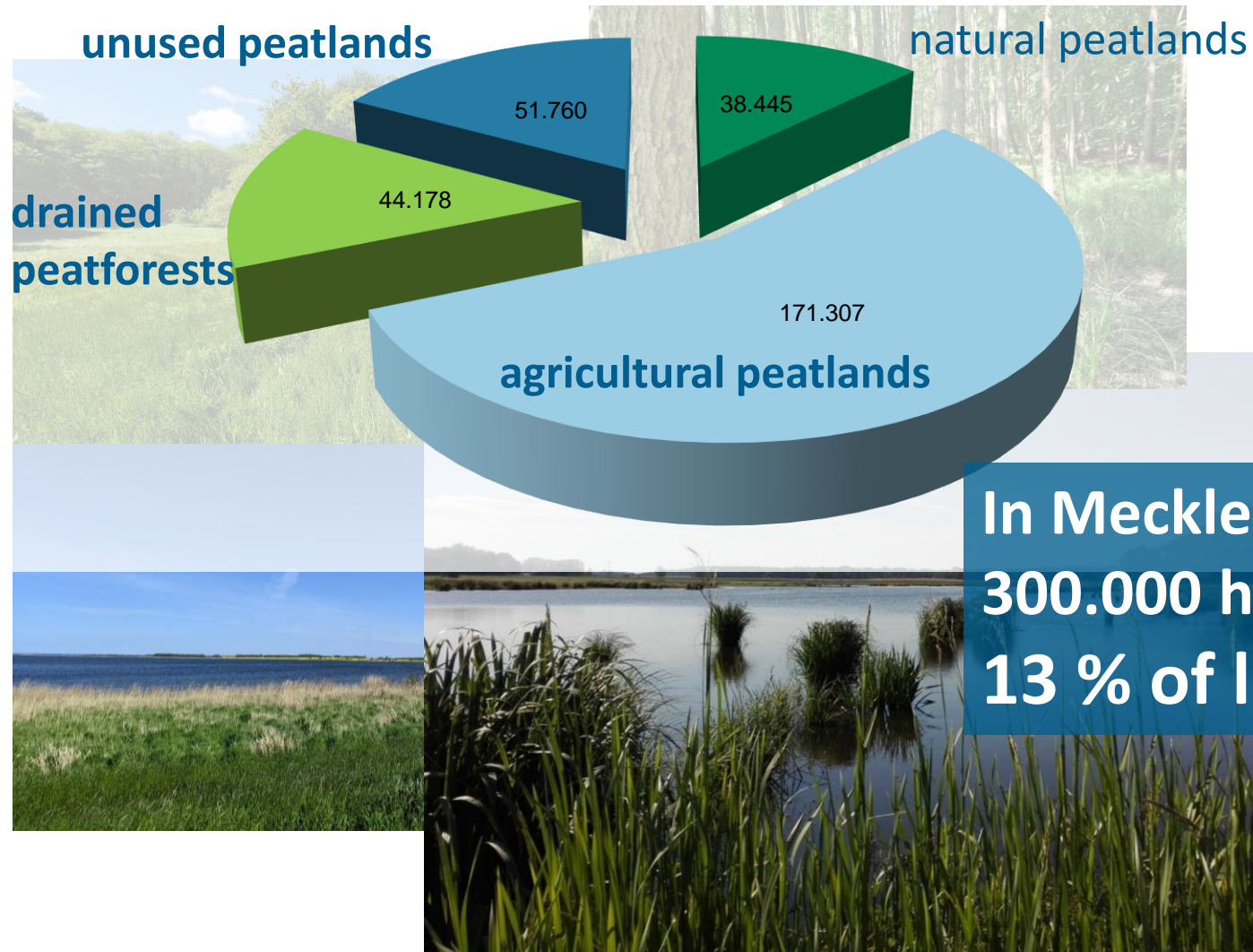
⇒ Highest GHG-Source in Mecklenburg-Vorpommern



Hirschelmann et al. 2020

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# Facts about Peatlands



⇒ Goal: restoration of 10.000ha p.a.  
⇒ No emissions of dry peatlands in 2040!

**In Mecklenburg-Vorpommern:  
300.000 ha  
13 % of land area**

# Outline

1. General framework: climate-protection law; peatland restoration concept; short-term measures
2. Taskforce Peatlands
3. Peatland restoration agency
4. Financing instruments
  - I. MoorFutures
  - II. EU-funds
  - III. „Action program nature-based climate protection“: 4 bn Euro

# 1. General framework

## 1. State-specific climate protection law (*in process*)

- One specific chapter on peatlands
  - Provides the *legal framework*, incl. goal 100%-restoration
- Defines restoration of peatlands as „*in the interests of the general public*“

## 2. Peatland-restoration concept (*in process*)

- Provides transformation pathway until 2040
- How much needs to be restored in which year?
  - Defines priority areas
- Describes methods and financing instruments

## 3. Short-term measures (*in process*)

- Peatland restoration agency
  - Peatland fund

## 2. Taskforce Peatlands (1)

### Taskforce Peatlands

- ⇒ Two sessions; start March 2022
- ⇒ General platform in MV to discuss/develop restoration of peatlands with all relevant stakeholders

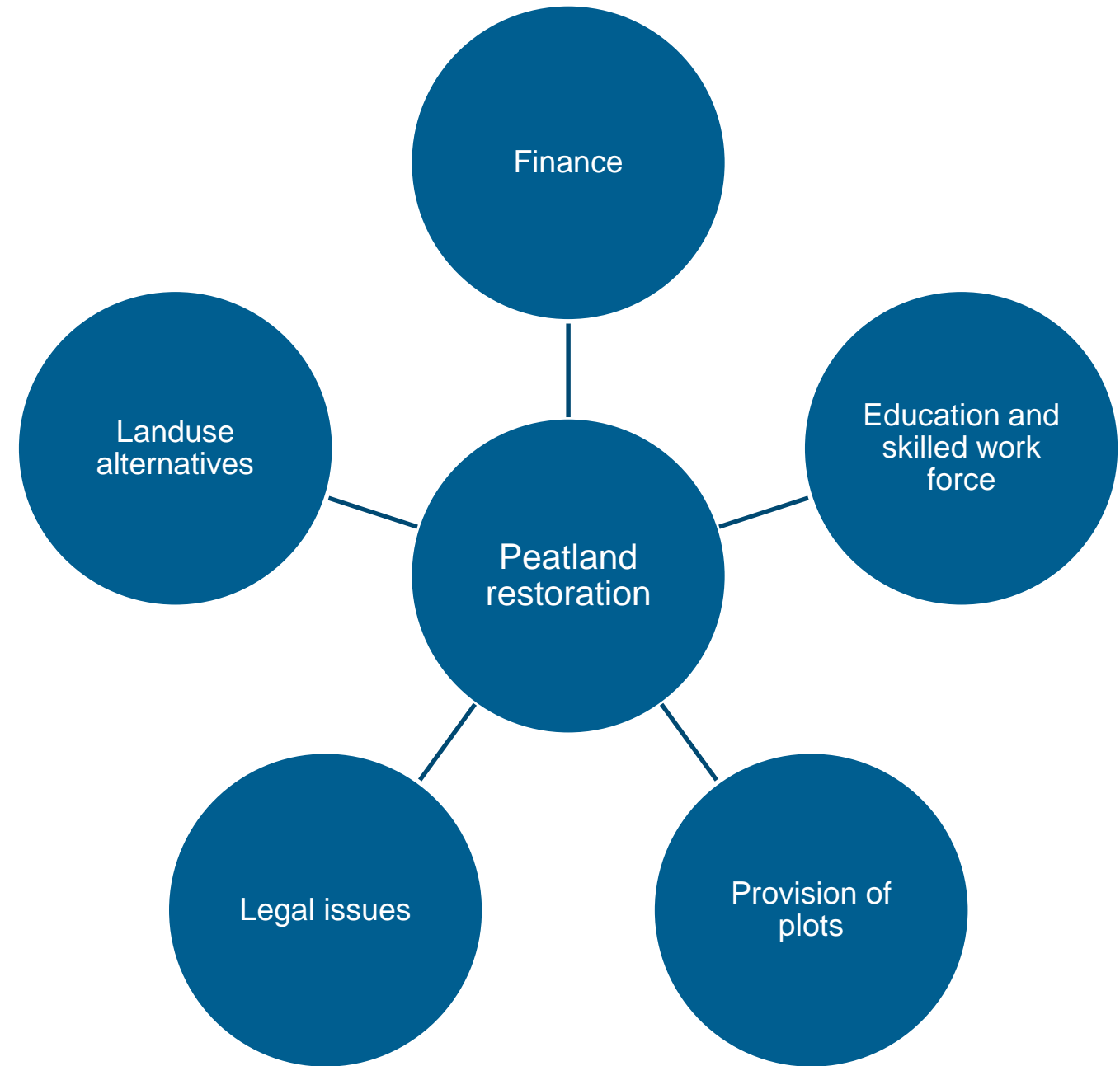




## 2. Taskforce Peatlands (2)

### Working groups

- ⇒ One coordinating group in the center; 5 theme-specific groups
- ⇒ Legal issues: What needs to be considered in the climate protection law?
- ⇒ Finance: how to develop new financing instruments?
- ⇒ Landuse alternatives: how to generate income on wet peatlands?
- ⇒ Provision of plots: measures to facilitate acquisition of land
- ⇒ Education and skilled work force: demographic change is a massive challenge in MV!



### 3. Peatland restoration agency (1)



Establishment of a **semi-governmental peatland climate protection agency** to rapidly implement peatland climate protection measures and create a network of local contact persons for owners, farmers and residents of peatland areas (e.g. with funding from the Energy and Climate Fund, EKF) (2021). Execution of tasks relating to peatland and watercourse restoration, water retention, landscape and path maintenance through newly established **\*\*\* water management, landscape and soil maintenance associations** as central service providers in rural areas. Financial strengthening of these stakeholders for public tasks through public funding (2021-2025). Exemplary linking of environmental protection, nature conservation, climate protection and coastal protection along the entire coast of MV through the restoration of peatlands (2021-2025).



<https://www.regierung-mv.de/static/Regierungsportal/Ministerpr%C3%A4sidentin%20und%20Staatskanzlei/Dateien/pdf-Dokumente/Empfehlungen%20des%20MV%20Zukunftsrates%20-%20Englisch%20-%20Druckfassung.pdf>

## 3. Peatland restoration agency (2)

⇒ Should address main challenges/obstacles of peatland restoration in MV!

### 1. Lack of knowledge/acceptance/perspectives

- I. Technical issues: How do I get my peatland wet again?
- II. Income: How do I generate income with my peatlands?
- III. Reasoning: Why shall I make my peatlands wet again?

⇒ Regional managers/advisors/supporters

### 2. Project-specific support: help with bureaucracy, technical reports, plot-management

### 3. Finance

⇒ Which finance-instrument fits best to my interests/plot?

## 4. Finance instruments: Milestones of the Eco-Securities – „Ökowertpapiere“



2007  
**Waldaktie**  
*„Woodstock“*

**Climate protection**



2011  
**MoorFutures**  
*„Peatland futures“*

**Climate protection**



2015  
**Streuobstgenussschein**  
*„Orchard coupon“*

**Biodiversity**



2022  
**HeckenScheck**  
*„Hedge fonds“*

**Climate protection**  
**Biodiversity**  
**Climate adaptation**



# Bases and Impacts of Eco-Securities

## 1. Protection of climate and environment (**ecologic**)

⇒ voluntary market complements mandatory markets

## 2. Monetisation of ecosystem-services (**economic**)

⇒ we make use of markets!

⇒ Correct market failures

⇒ public goods

## 3. Leverage of private investments (**political economy**)

⇒ state provides framework for private investments („impact investing“)

## 4. Urban vs. rural areas (**rural development**)

⇒ enable rural areas to make use of their comparative advantage

⇒ economic activities in urban areas are based on ecosystem-services of rural areas

⇒ reward of rural areas by urban capital flows

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# MoorFutures – Your Investment in Climate Protection

**Ministry**  
of Climate Protection, Agriculture,  
Rural Areas and the Environment

Competence Center  
Eco-Securities

[www.moorfutures.de](http://www.moorfutures.de)

 GREIFSWALD  
MOOR  
CENTRUM



*Ihre Investitionen in Klimaschutz.*

Standard  
Methodology  
Brand

Advisory Board

Project executing  
agency

NGO / Partners

Landowners



- **1 MoorFutures represents 1 ton CO<sub>2</sub>-eq that is mitigated**

## 4. Finance instruments: EU-funds

1. **European agricultural fund for rural development (ELER)**
2. **Agricultural-, environmental- and climate-protection measures (AUKM)**
  - ⇒ Permanent change of agricultural land into grassland
  - ⇒ Peatland-conserving water management (NEW)
  - ⇒ Paludiculture (NEW)
3. **European regional development fund (EFRE)**
  - ⇒ Lump-sum refund for each reduced CO<sub>2</sub>-emission due to peatland restoration (NEW)



**Thank you very much for your attention!**

**Ministry for Climate Protection, Agriculture, Rural Areas and Environment**

[www.regierung-mv.de/Landesregierung/lm/](http://www.regierung-mv.de/Landesregierung/lm/)

Dr. Malte Ehrich

Fon +49 385 588-16271

[m.ehrich@lm.mv-regierung.de](mailto:m.ehrich@lm.mv-regierung.de)

[www.z-eco.de](http://www.z-eco.de)

