



# Brief country presentation based on the project findings - Norway

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# Peatlands in Norway

- Large variation in mires due to variation north-south, coastal-inland, sea level-mountains
- Of 50 species of peat mosses in Europe, 47 are found in Norway
- Drainage of peatlands for agriculture and later forestry since mid 1700
- Little new drainage the last 20 years
- Proposed law against draining of new land for agriculture, still pending since 2010

# Data on peatlands in Norway

- What do we have
  - The Norwegian Nature Index
    - Index value 0,55
    - Index value lower in lowland mires in the south
  - Data on mires for lowland parts of the country
    - 1:5000
    - Regularly updated on municipality level
  - Data on mires for the whole country
    - 1:20 000 - 1:300 000
    - Based on satellite data above the tree line
  - Data on drained organic soil
    - The National Inventory Submission (UNFCCC)

Table 4: Area of wetland, 'myr' and organic soil in Norway, according to various sources.

Drainage status and land use type	Area per land use type (km <sup>2</sup> )		
	Our GIS analysis	NIS Norway 2014	Moen 2014
'myr' <sup>2)</sup>			~ 20,000
organic soil, drained forested		2,479	> 4,000
organic soil, drained agriculture <sup>2)</sup>	212 <sup>3)</sup>		~ 2,000
organic soil, drained cropland <sup>4)</sup>		664	
organic soil, drained grassland		45	
organic soil, peat extraction		3	
<b>Σ subtotal organic soil, drained</b>		<b>3,192</b>	
organic soil, undrained forested <sup>3)</sup>		37,779	
<b>Σ total organic soil</b>		<b>40,971</b>	
'myr' <sup>2)</sup> , drained			> 6000
'myr' <sup>2)</sup> , undrained	18,760		~ 20,000

# Restoration in Norway

- Restoration of low priority until recent years
- Aichi-target 15 created incentives for higher prioritization of restoration
- Wetlands as the ecosystem of highest priority - half of the degraded wetlands to be restored before 2020
- Prepared a four year restoration plan for wetlands 2014-2018
- A cost-benefit plan for restoration will be prepared

# Wetland restoration plan (2014-2018)

- 10 restoration sites prioritized
- Criteria
  - Ramsar site
  - Red-list species/Selected habitat types
  - Potential for improved ecological status
  - County governours priorities
- The climate criteria has not been used
- No specific plan for nominating new Ramsar sites
  - Expand existing Ramsar sites
  - Include more subsites
  - Secure ecological character

## How can the Nordic countries achieve the CBD Aichi target on restoration of 15% of degraded ecosystems within 2020?

- Project funded by the Nordic Council of Ministers
- Norway, Sweden, Finland, Iceland and Estonia
- Map the status of ecosystems
- Use the four-level model of degradation developed by the EU to draw up a restoration plan
- The model is to be used as a basis for setting targets and proposing specific restoration projects