



Ministerie van Landbouw,
Natuur en Voedselkwaliteit

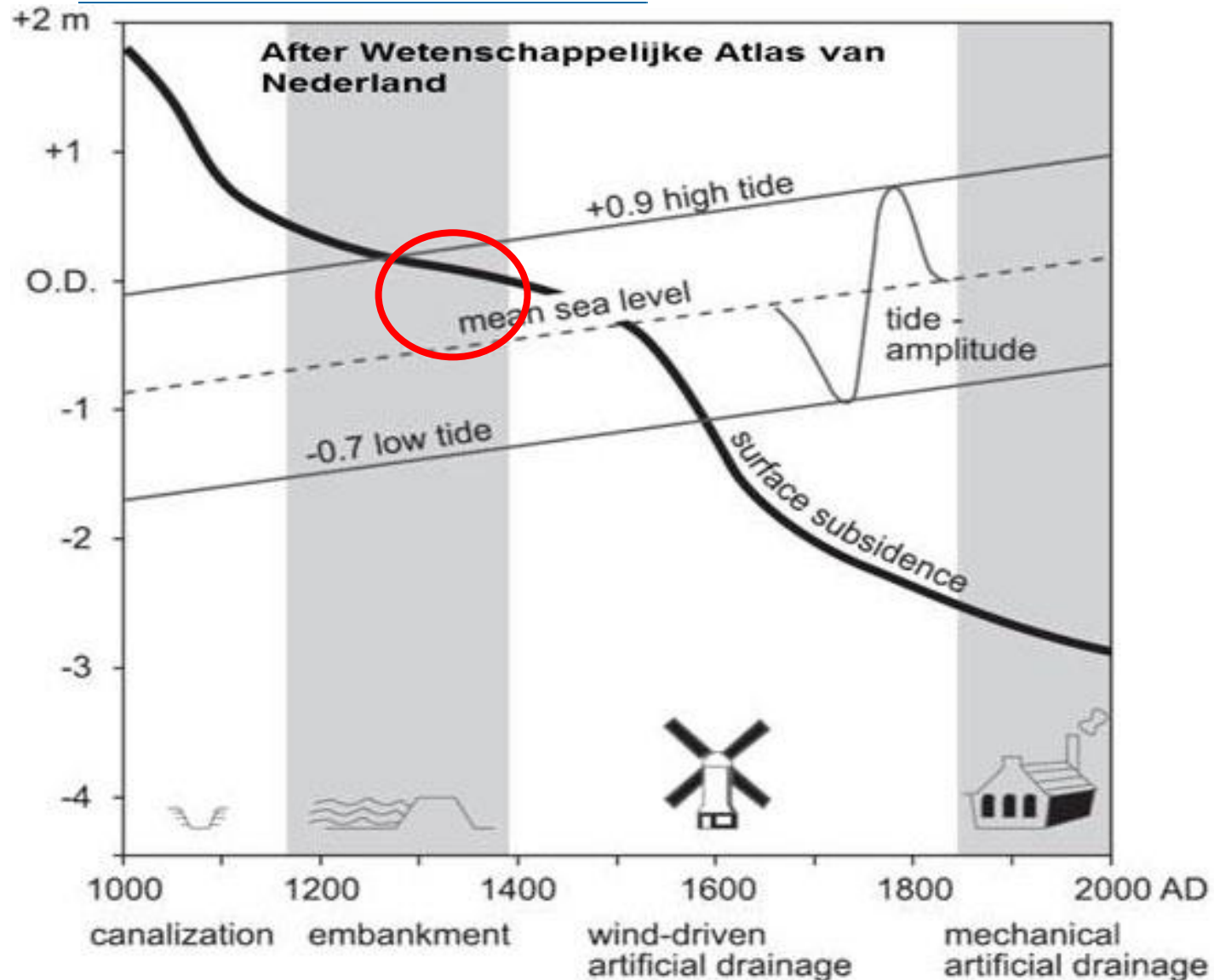
Dutch research strategy for peatlands

Chris van Naarden





Land subsidence in the Netherlands



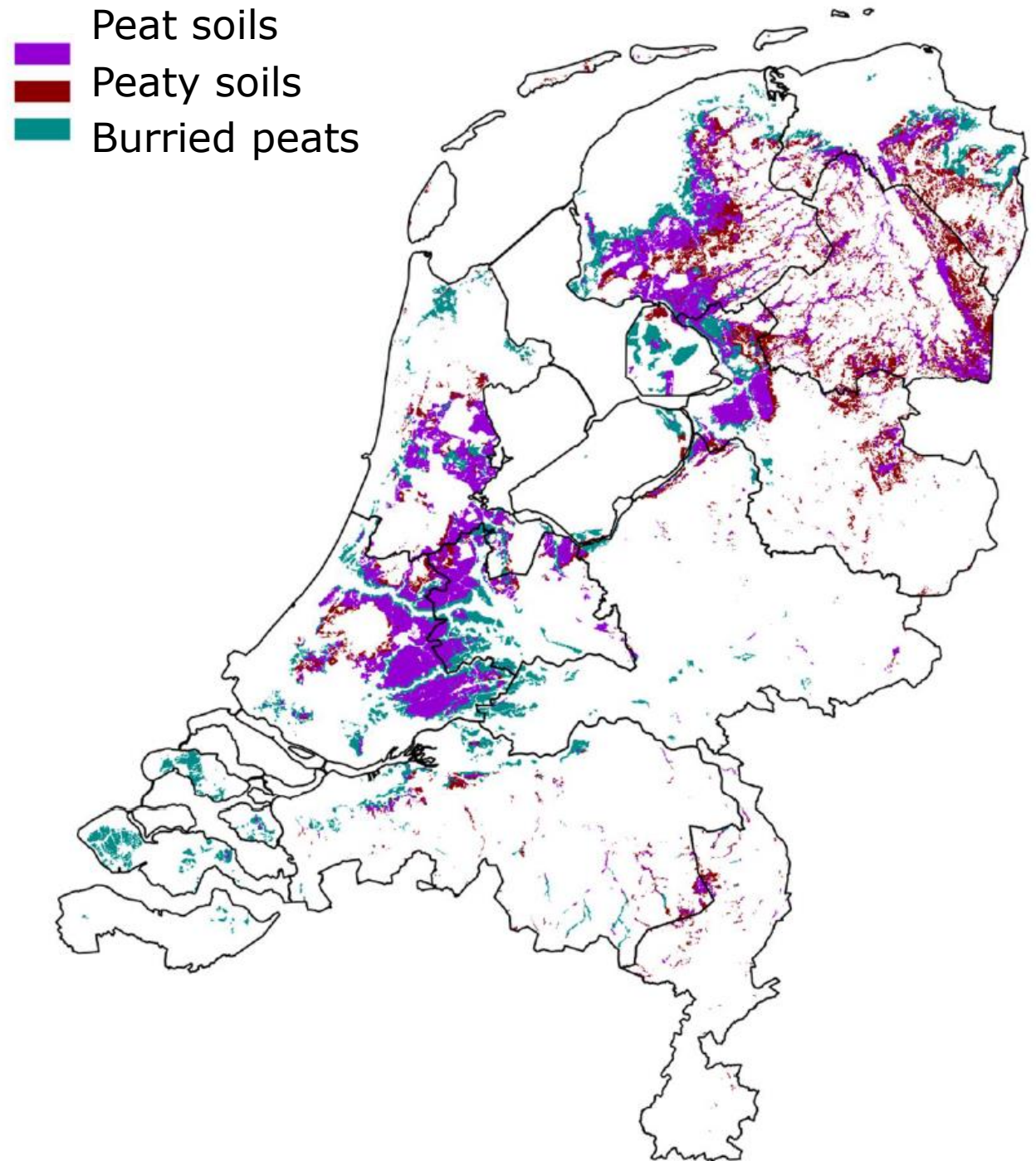
Bron: deijsselpoort.nl



Bron: onbekend

The Dutch peatlands

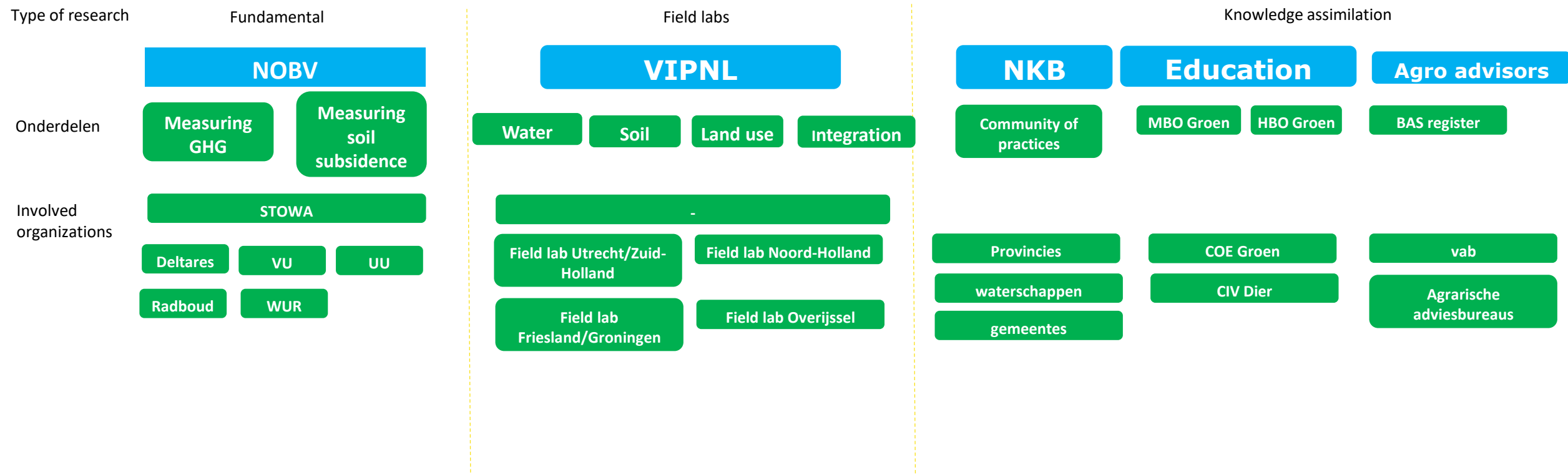
- › 9% of the Netherlands contains organic soils
- › Land use is mostly grassland and dairy farming
- › Currently ~ 5.6 Mton $\text{CO}_2 \text{ yr}^{-1}$ emission (Ruysenaars et al., 2020)
- › National climate law and climate agreement: reduction of 1 Mton $\text{CO}_{2\text{eq}} \text{ yr}^{-1}$ in 2030





Technology Readiness level

National research scheme for peatlands





VIPNL

- Veenweiden Innovatieprogramma Nederland (VIPNL), National innovation program for peatlands
- Fragmented research
- Initiative from Frank Lenssinck (director VIC), Roel van Gerwen (director IPV) en people from Friesland
- 6 studies towards knowledge gapes

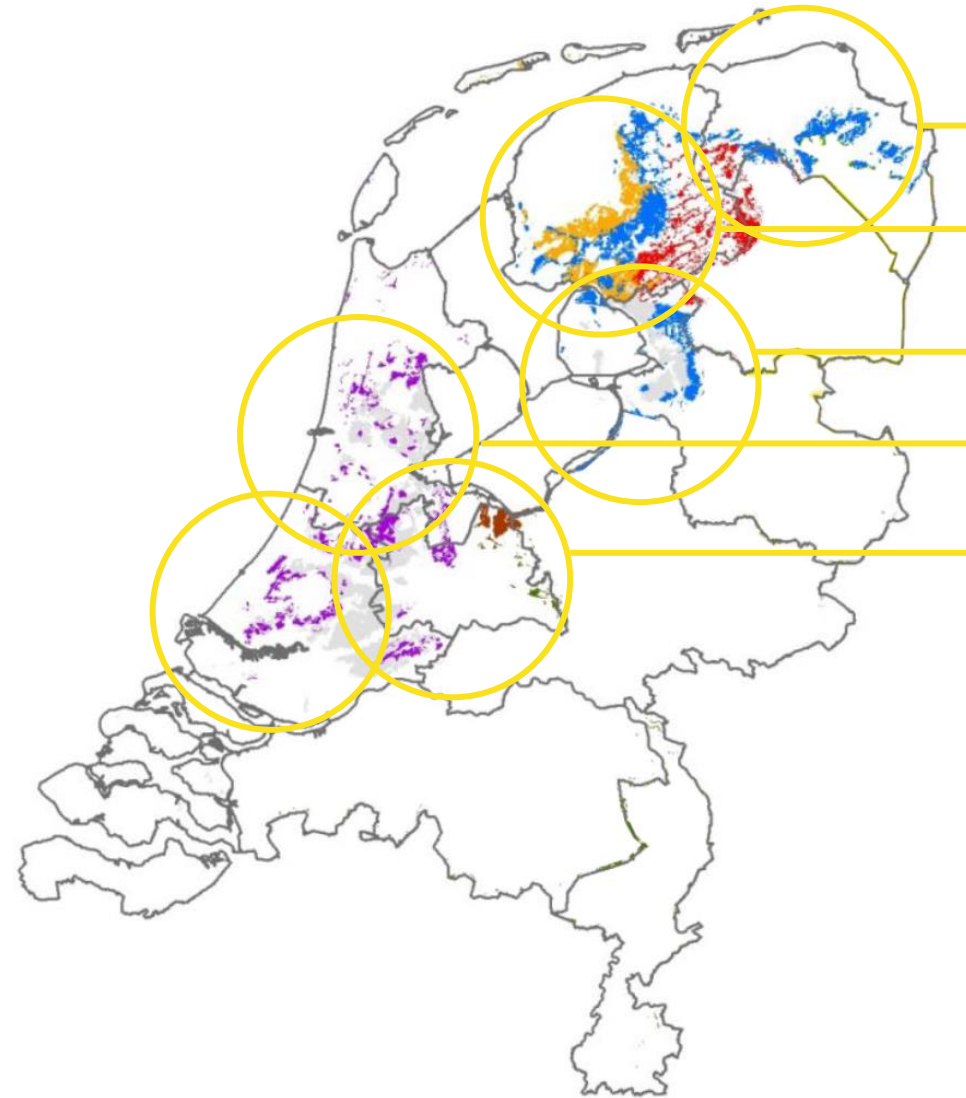
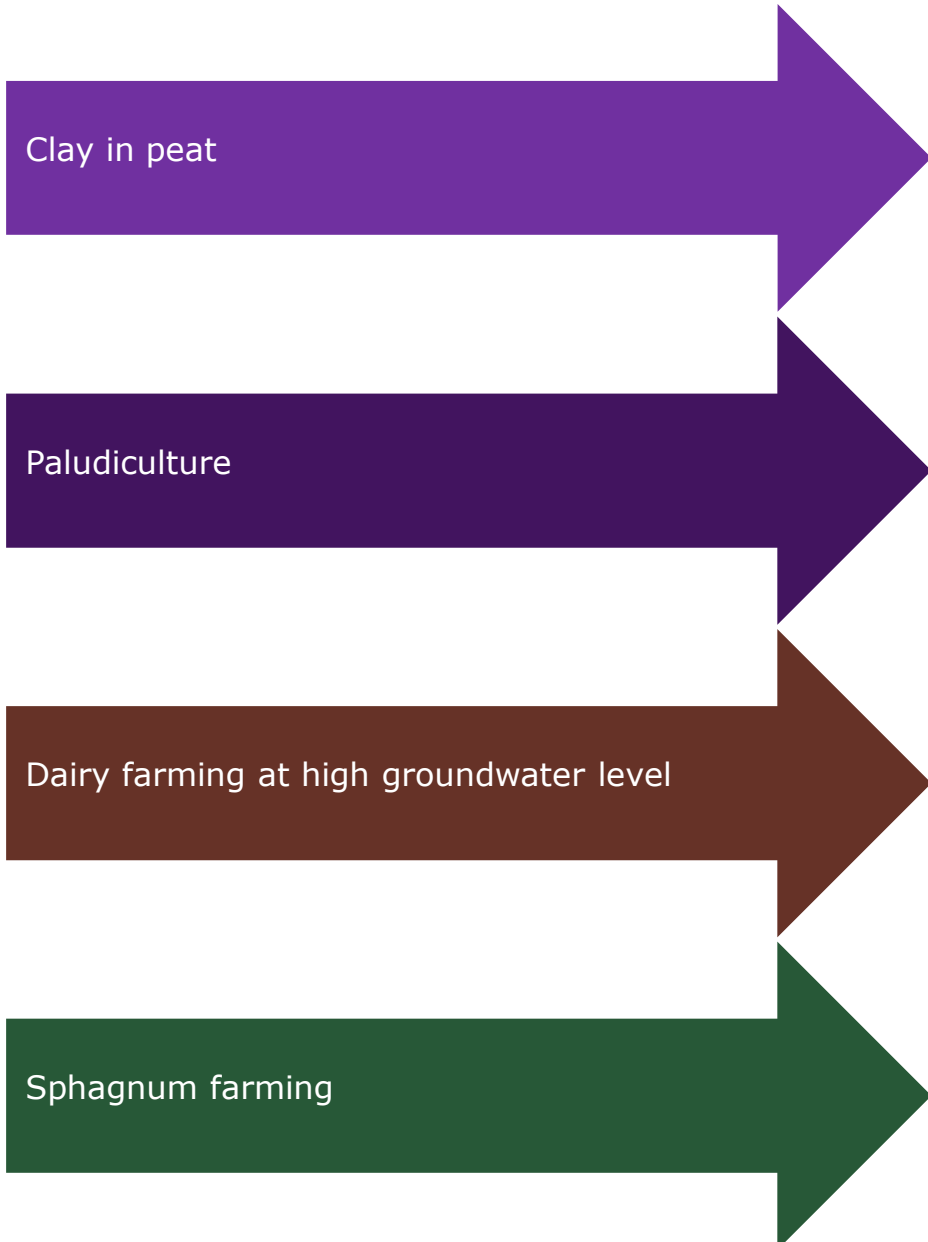


VIPNL

- Research agenda is determined on national level

Spoor 1 Water	Spoor 2 Bodem
Waterinfiltratiesystemen/OWD	Klei in Veen
Greppelinfiltratie	Verbrakking
OWD (hoog aangelegd)	Verzuring
Waterverbruik/kwaliteit/buffering	Bodemleven/voedselweb
Veenweidesloot	Bemesting
Spoor 3 landgebruik	Spoor 4 Integrale bedrijfsvoering
Natte teelten	Nieuwe biodivers veenweidebedrijf
Veenmos(teelt)	Markt en ketenvorming
Beweiding/VEF	Boeren op hoogwater
Agrarisch natuurbeheer	Farm management tools/ Kringloopwijzer
Klimaatbuffers veenweidenatuur	Data mapping (carbon credits)

4 categories started in 2022



- 1. fieldlab Groninger
- 2. fieldlab Friesland
- 3. fieldlab Overijssel
- 4. Fiedlab Noord-Holland
- 5. Fieldlab Utrecht & Zuid-Holland



VIPNL

- National consortium on category level
- National coordinator for every category
- Every field lab can decide if they are interested or not
- The contribution of the ministry is 62,5%
- Research is for 3 or 4 years