



The Netherlands

Inhabitants: 17 Million
Surface: 41,500 km²
411 inhabitants/km²
Agriculture: 70 %
Water: 18 %

Peru

Inhabitants: 32 Million
Surface: 1,285,000 km²
25 inhabitants/km²
Agriculture: 18 % in the Andes Valleys
Water: 0.4 %

The Netherlands, a delta country

Soil policy in the Netherlands

The dynamics of joint policy making

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October 24, ICCL Lima Perú, 2019



Take Home Messages

- Long term political commitment and financing
- Public authorities take the lead to start up the process
- Not only legislation leads to Rome
- Invest in prevention: clean areas stay clean
- Knowledge development and capacity building
- Value creation: identify mutual interests
- Up scaling to area approach: land management is the key
- Guts: challenge mixed plumes by liability transfer



Dynamics: changes over 30 years

- Crisis management → policy development
- Multifunctional → risk based
- Authority → private sector
- Central → decentral
- Voluntary → obligation
- All sites → urgent sites
- Environment → spatial planning
- Excavation → in situ techniques

Challenges:

Diffuse contamination, Emerging contaminants, groundwater management, illegal dumpsites of waste from drugs production



Not only legislation leads to Rome

- Branch Programmes

- Gasworks
- Railroads
- Filling stations
- Dry cleaners
- National property (military sites...)

- Covenants

- Industrial areas
- Public authorities

- Area approach

- Contaminated groundwater
- Heat –cold storage
- Transfer of liability

- Green Deals

- Temporary nature
- Farmers for water

Goals:

- Action
- Shared responsibility
- Joint financing
- Prevention
- Innovation
- Land stewardship (soil services for communities)



More Information?

Paper: Soil policy in the Netherlands; the dynamics of joint policy making. Molenaar en de Cleen, 2016

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Rijkswaterstaat
Ministry of Infrastructure
and Water Management

If you take care of the
soil,
the soil'll take care of
you!