# Map 5
# Promising short-term measures for freshwater

## Freshwater objectives

- to protect essential social functions

- € to promote the competitive position of the Netherlands

- to strive for a healthy and balanced water system

- to use the available water as effectively and as economically as possible

- to encourage water-related knowledge, expertise and innovation

*specifically Noord-Holland*

*specifically Flevoland*



0    50 km

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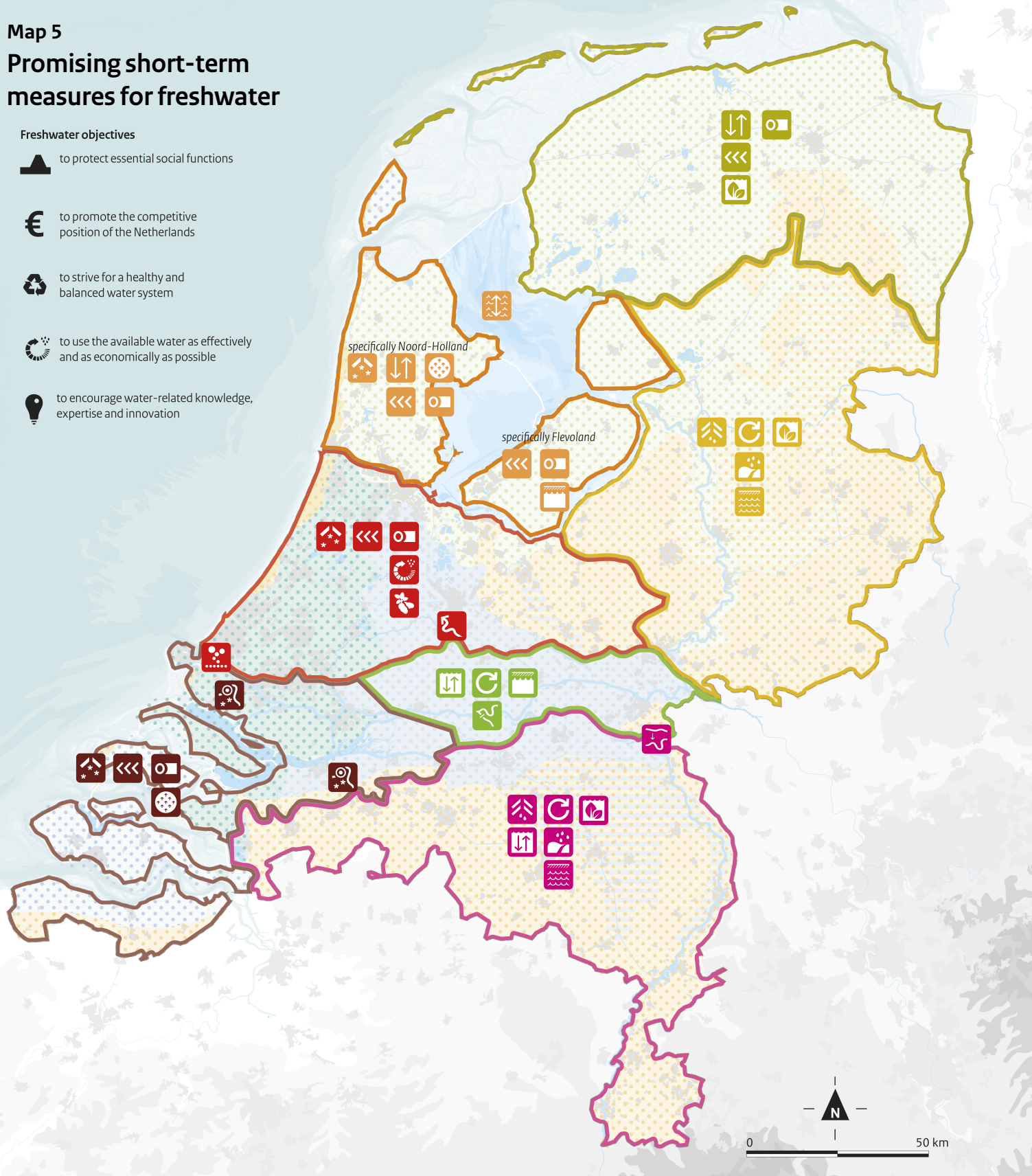
**Administrative regions with water demand ambitions**

- Region North
- Region East
- Region South
- Region Rivers
- Region Noord-Holland and Flevoland
- Region West
- Region Southwest Delta

**Main water system**

- smart locking (minimise loss of water through leakage)
- flexible weir management
- water from Waal via the Maas-Waalkanaal to Meuse
- make IJsselmeer / Markermeer water buffer flexible
- minimise salt leakage at locks
- bubble plumes
- extending the Kleinschalige Water Aanvoer (KWA+)

**Regional water system**

- flexible water level management
- optimise flushing
- create water buffers in (large) nature areas
- reorganisation of the regional water system
- increase ground water level in brook valleys
- subsoil buffers
- reservoir management in dammed Meuse
- supply via Roode Vaart and optimise the Bernisse-Brielsemeer system

**Users**

- optimise drainage (buffers)
- create water buffers in (large) nature areas
- utilise freshwater seepage
- utilise rainwater lenses
- reuse effluent (from wastewater purification plant)
- increase efficiency and robustness of high-quality cultivation

- possible excessive demand on IJsselmeer Region water buffer
- falling groundwater levels and no water supply
- falling groundwater levels and limited water supply
- intake points become salinised (e.g. Gouda and Bernisse)
- water levels in rivers and canals are too low
- no water supply possible and salinisation