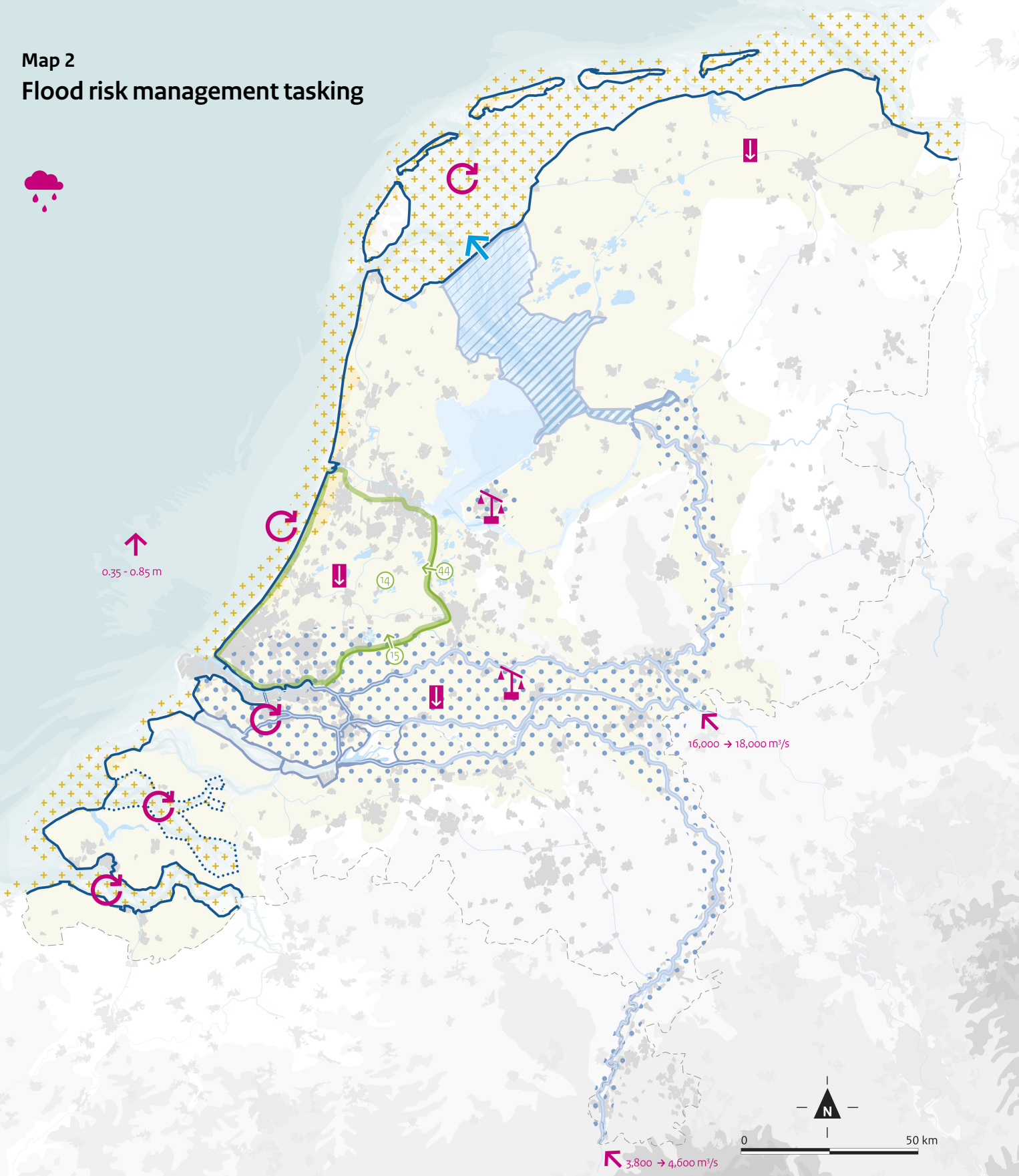


Map 2 Flood risk management tasking



Tasking

Preserve dykes, dams and dunes

- █ coastal area: protect dunes, dykes and sea defence systems*
- █ area around the major rivers: preserve primary flood defence systems for rivers and IJsselmeer lake*, accommodate peak discharge
- █ transitional area: preserve primary defence systems for rivers in the transitional area between sea and river influence*
- ⋯ protect the dykes and flood defence systems in the Oosterschelde*
- preserve other primary defence systems*

* flood defence systems (work through backlog of dykes that failed inspection, tasking from new insights and climate changes)

- + preserve sandy coastal system (prevent drowning of shoals, erosion, protect dunes)
- ↔ maintain water discharge from IJsselmeer lake to Wadden Sea
- develop a comprehensive strategy for dyke rings 14, 15 and 44
- ▨ protect IJssel and Vecht delta against surges in the case of water level increases

Switch to risk-based approach

- █ protect area liable to flooding
- ⋯ area of attention, additional tasking expected based on tolerable individual risk and social disruption

Causes

- ☁ increase in precipitation
- ↑ rising sea levels: 0.35 - 0.85 m
- ↔ erosion and sedimentation
- ↕ higher peak discharge of rivers:
Rhine: 16,000 → 18,000 m³/s
Meuse: 3,800 → 4,600 m³/s
- ↓ soil settlement (soil subsidence)
- ⚖ imbalance in protection level and consequences