



*Slim waterbeheer kent geen grenzen*

# Smart water-management practices

Recent successful initiatives of partnering chains

**Arnold Lobbrecht**

# Control of the Haringvliet sluices to restore nature values and support international fish migration

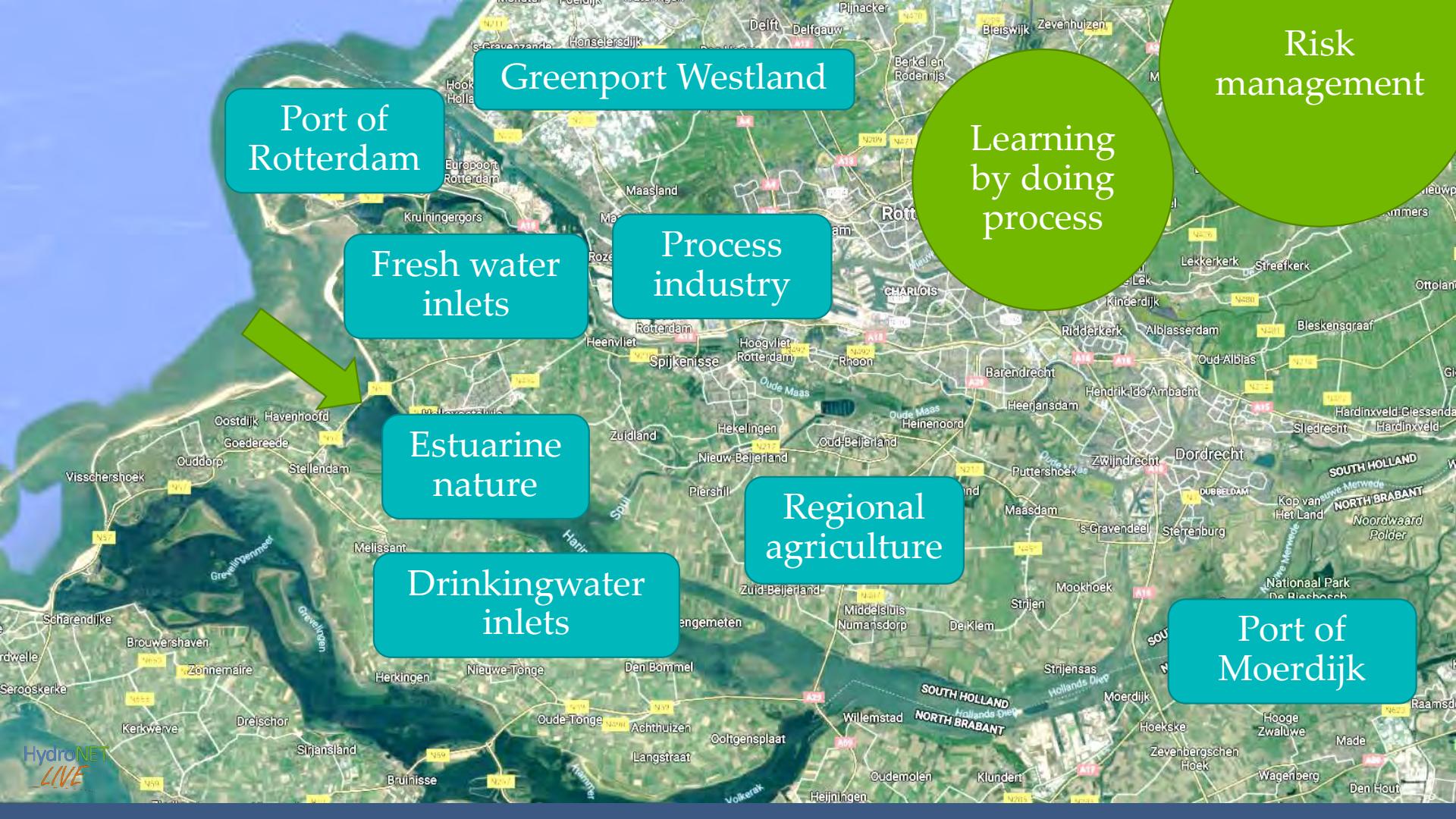


Stakeholders & partners:

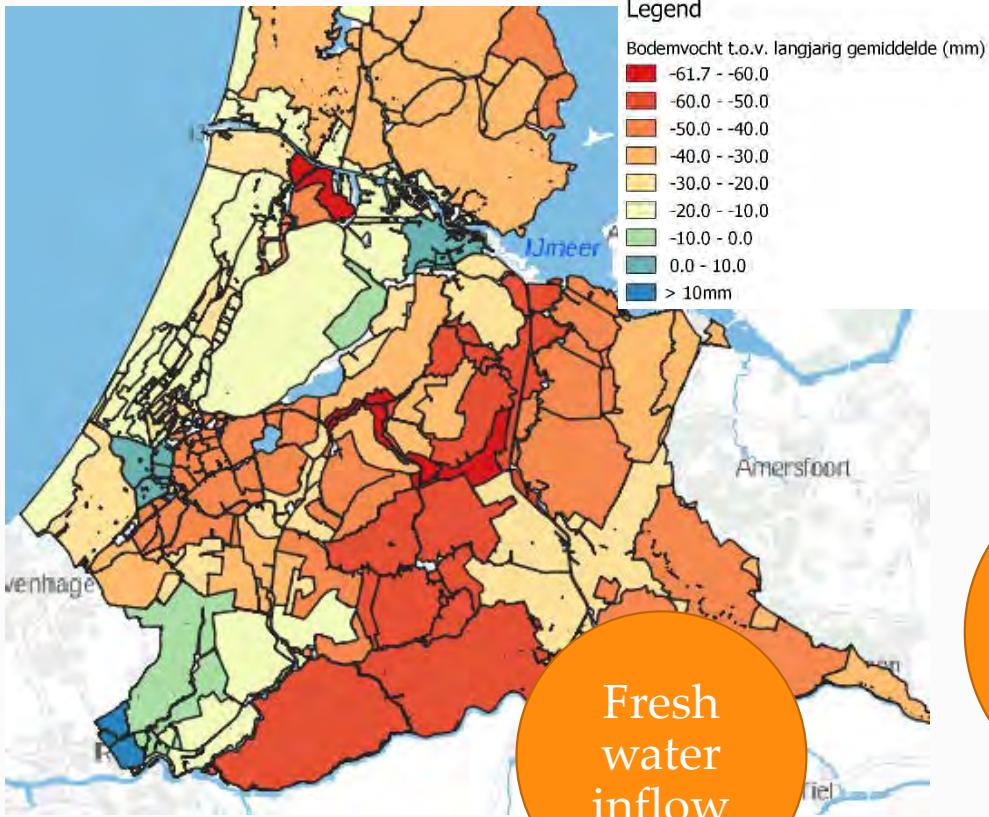
Rijkswaterstaat  
Water boards  
Evides  
LTO agriculture  
Fisheries  
Nature organisations

Deltares  
Infram  
HydroLogic

Risk management



# Drought crisis 2018 - western Netherlands



Fresh  
water  
inflow

To  
maintain  
Chloride  
< 200 mg/l

Stakeholders &  
partners:  
Wassenaar

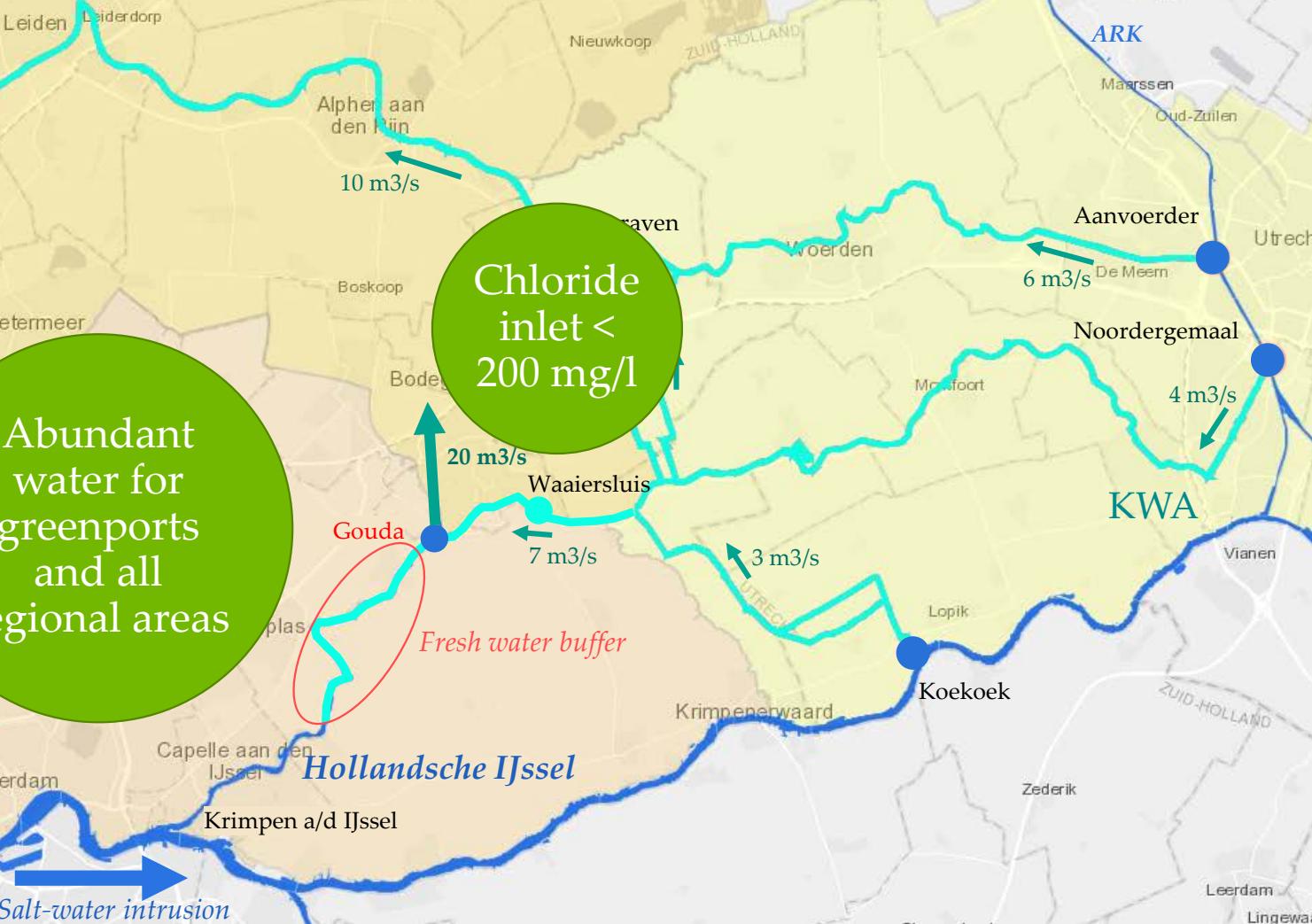
Rijkswaterstaat  
Water boards

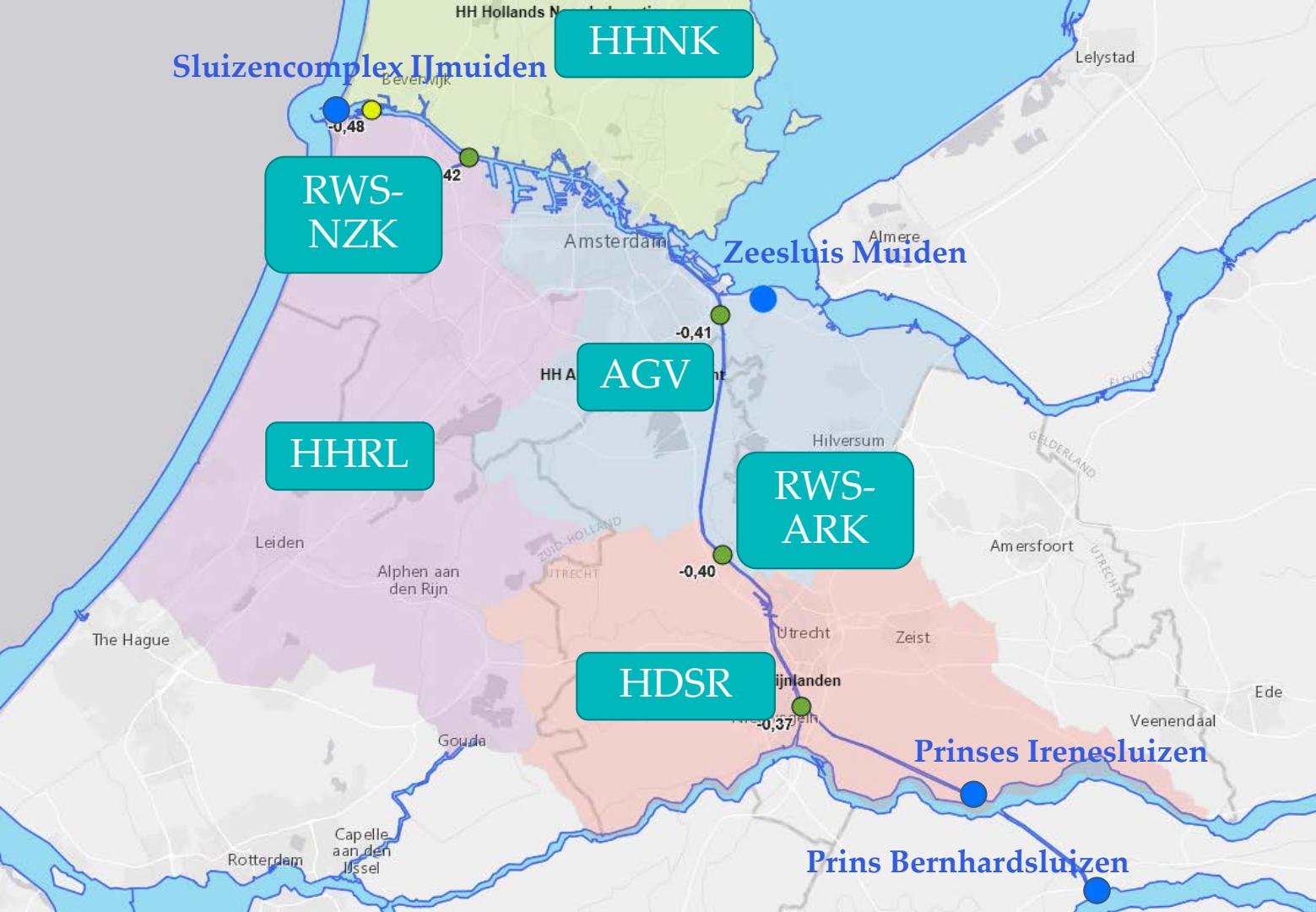
Den Haag  
The Hague

Dolkgemaal

HydroLogic  
Abundant  
water for  
greenports  
and all  
regional areas

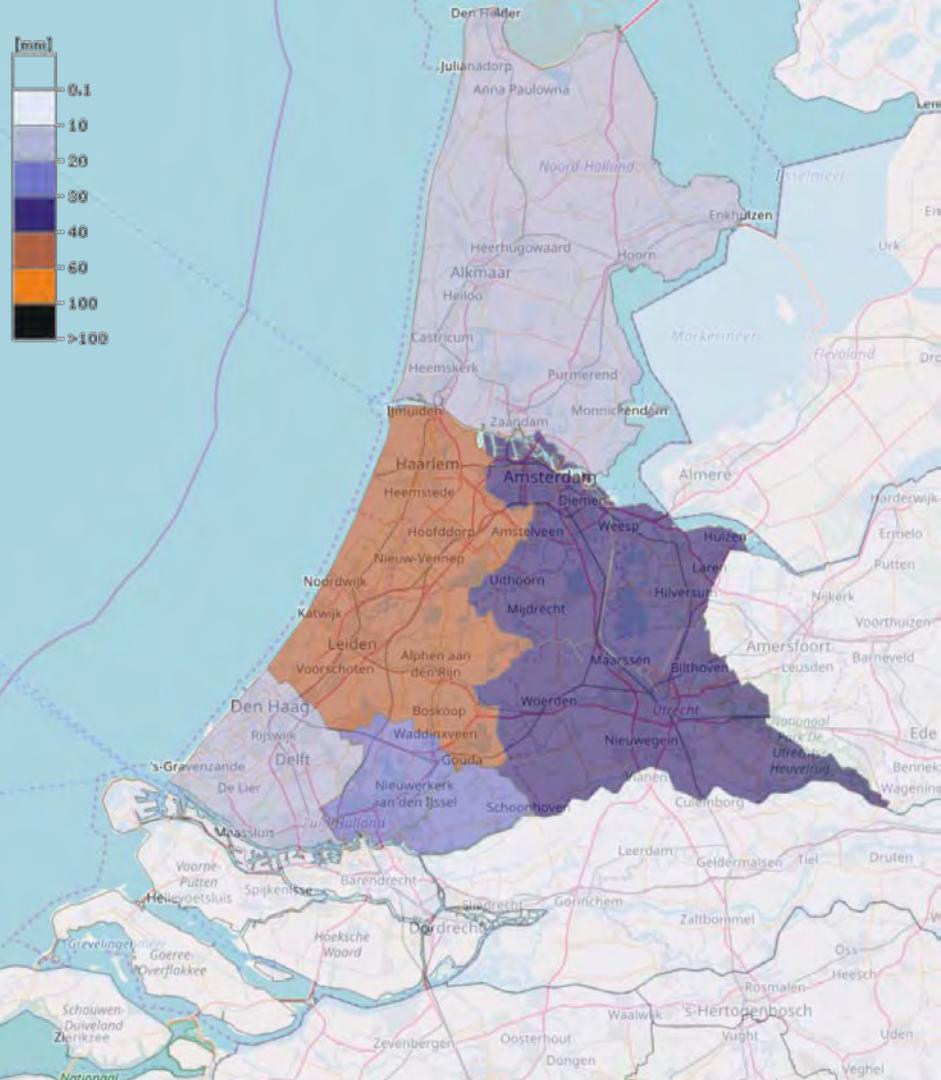
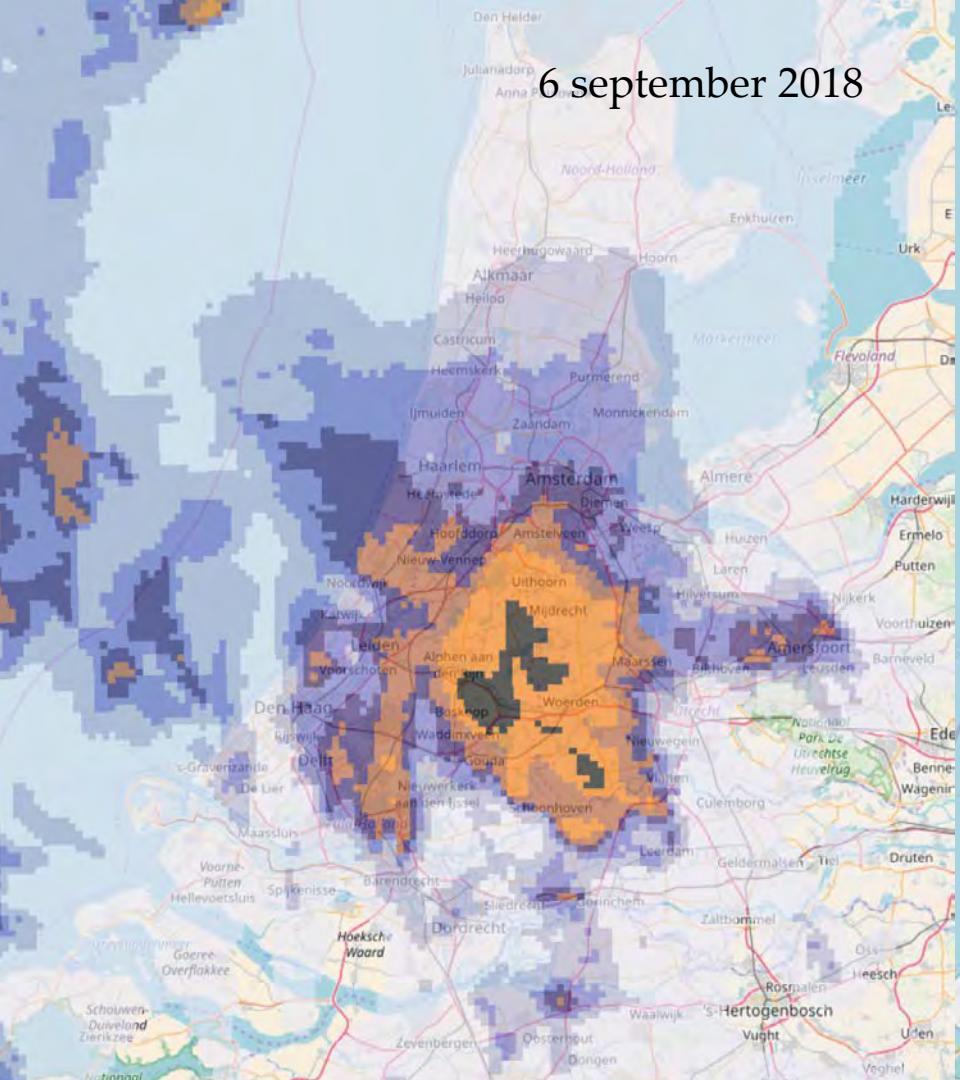
Salt-water intrusion





Partner chain:  
Water boards  
Rijkswaterstaat  
HydroLogic  
ESRI

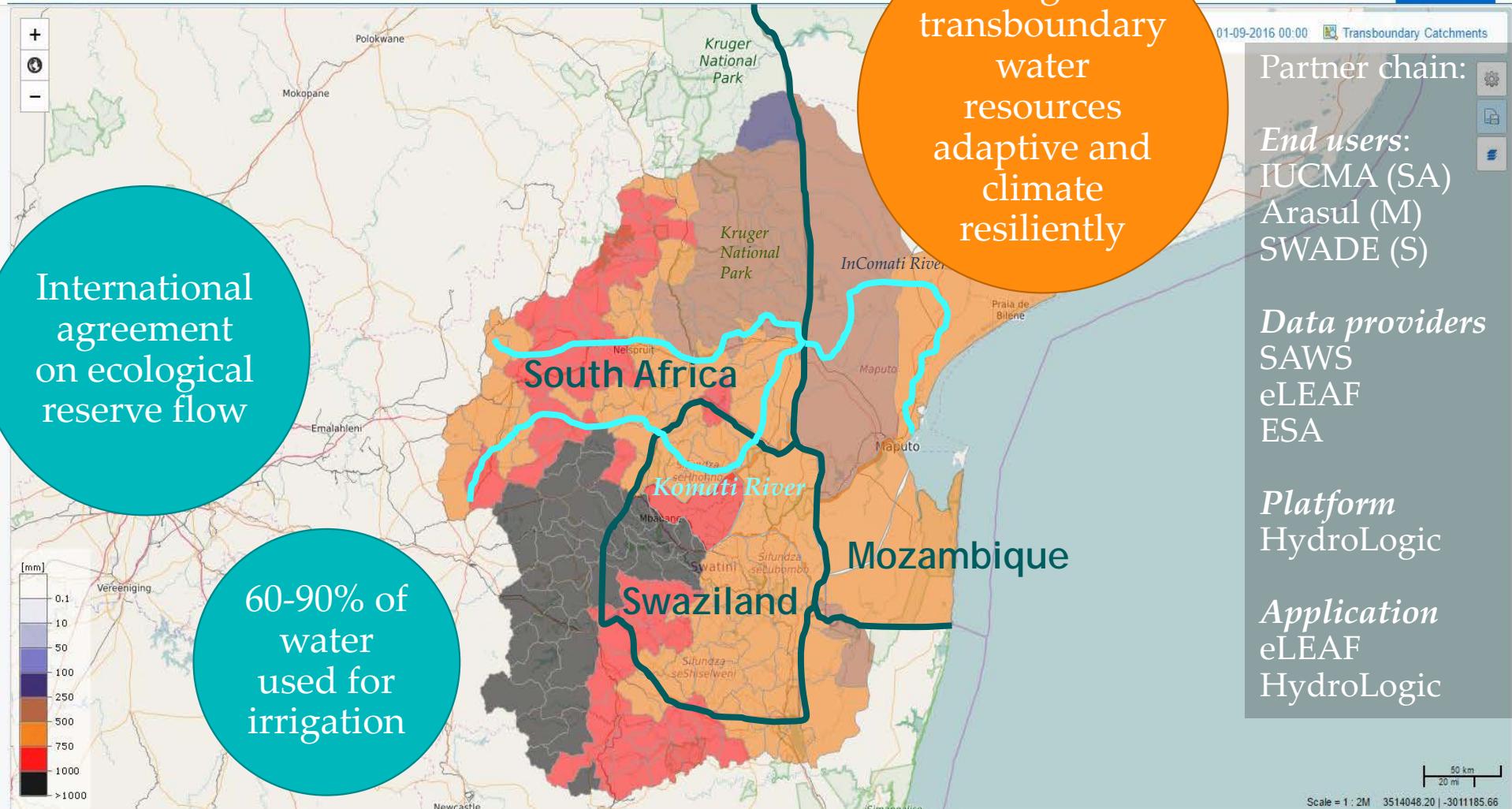
6 september 2018





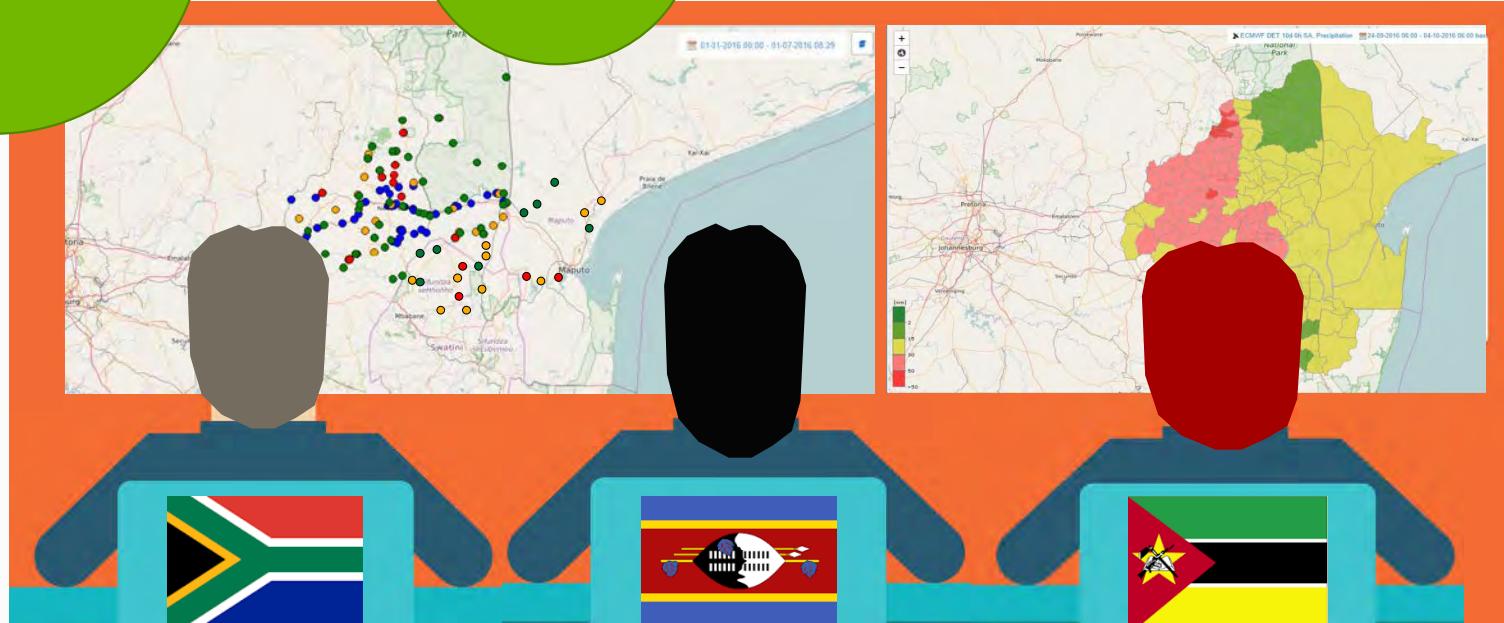
Transboundary water management  
prevent Day Zero

2030 water  
demand >  
water  
availability



Meeting  
international  
obligations

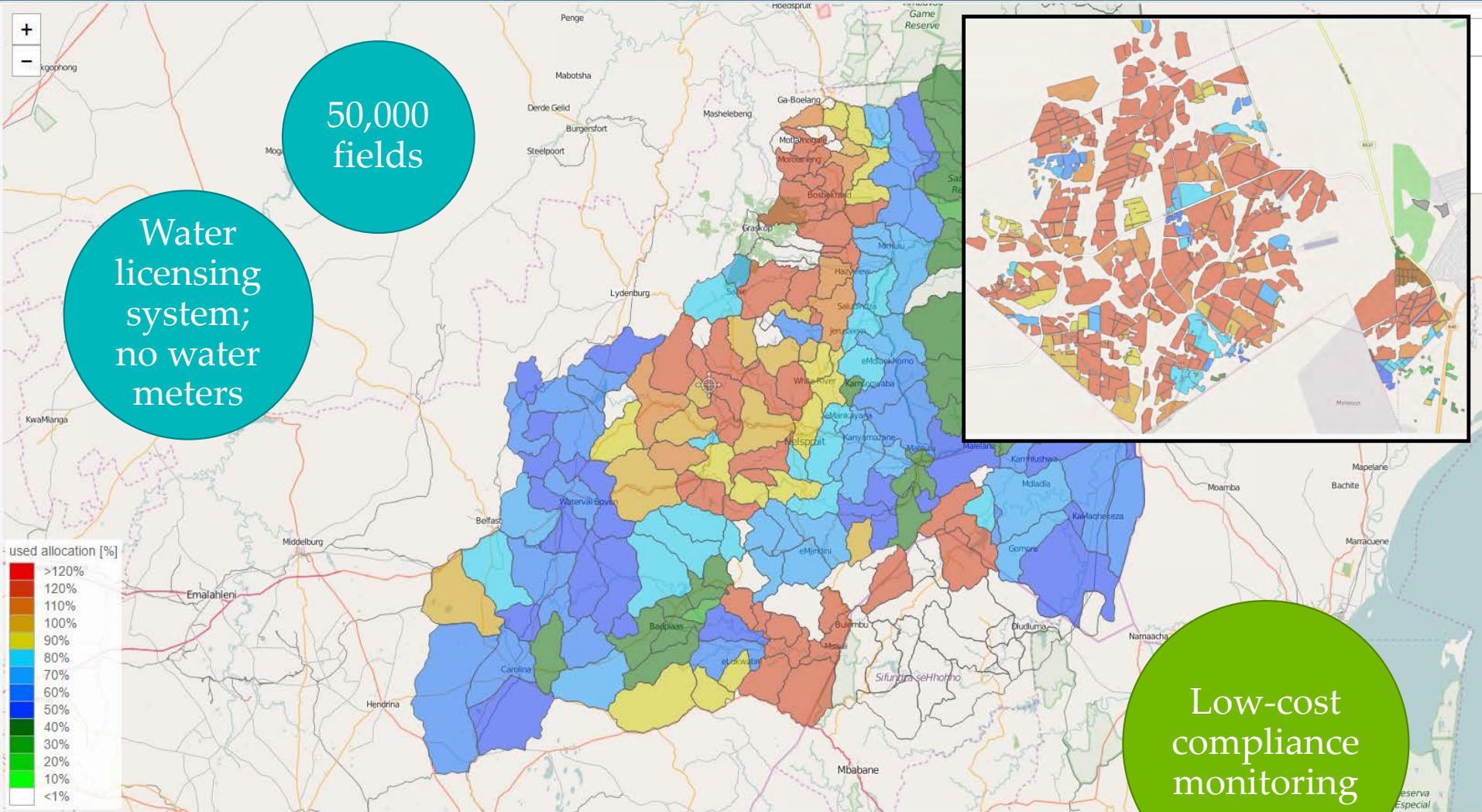
25% less  
water  
use



South Africa

Swaziland

Mozambique





## End user workshop, training and celebration





# Smart water management works!

*During water crisis it shows its strength.*

*Let's cooperate beyond boundaries,  
share all available knowledge and  
use all capacities available in water systems!*