

SWIM and Horizon 2020 Support Mechanism

Working for a Sustainable Mediterranean, Caring for our Future

Title: Training Monitoring of non-point source pollution

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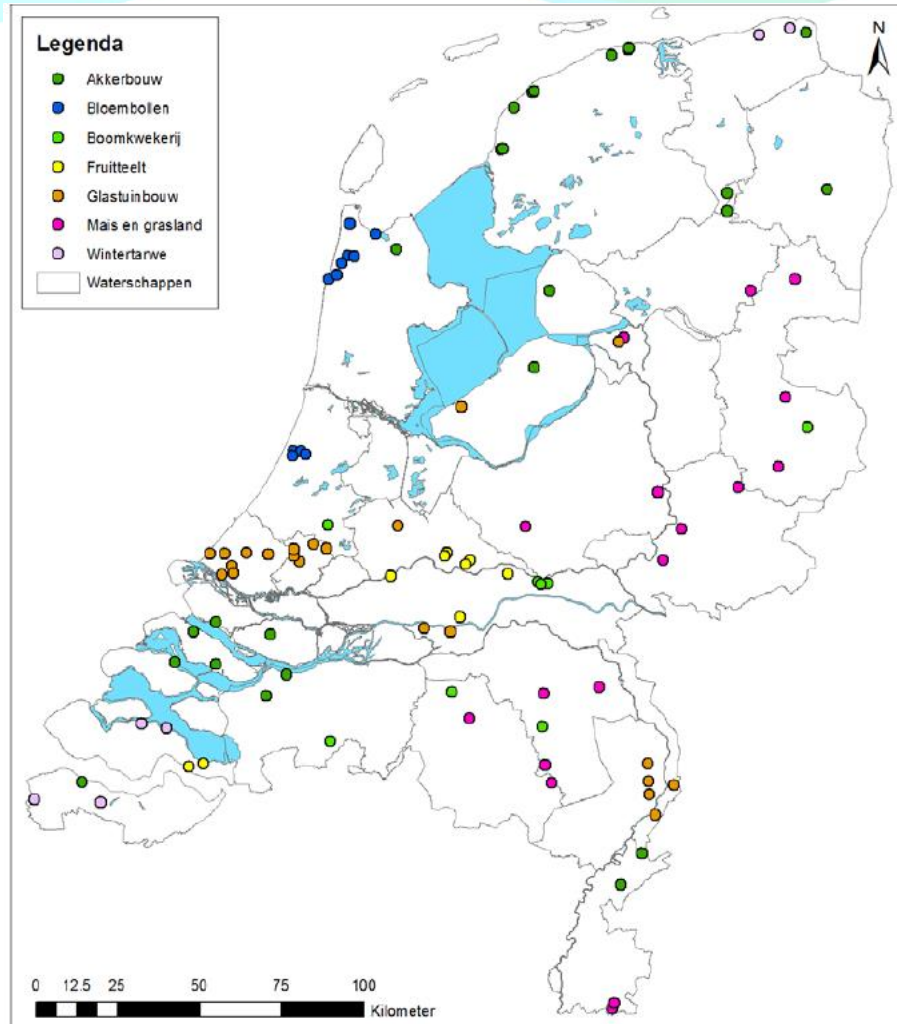
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ATKINS

Example: National Pesticides Monitoring Network, NL



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2013: National Policy on Pesticides

Policy Objectives:

- reduction of negative impacts on water systems by reducing emissions of pesticides made SMART:
 - 50% reduction in number of EQS exceedances in 2018
 - 90% reduction in 2023

Monitoring Objectives

- Establish relation between EQS exceedances with agricultural use, plausibility
- Checking achievement of reduction goals (50, 90%)

Example: National Pesticides Monitoring Network, NL

Monitoring Strategy

- Network of fixed points for 10 years
- 7 agricultural uses with high pesticides use and suspected water quality problems
- 97 sampling sites divided over 7 uses:
 - Mais/grassland
 - Flower bulbs
 - Horticulture (fruit)
 - Warehouses
 - Arable farming/field crops
 - Winter wheat
 - Tree nurseries
- Sampling site should reflect a single crop/use
- Frequency: at least 6 times a year to cover growth season
- determinants: for each crop a package of app. 40-60 substances
- Monitoring effort and costs divided over 22 water authorities
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Example: National Pesticides Monitoring Network, NL

Reporting and disclosure

- Yearly evaluation report
- Focus on EQS exceedances
- Specific issues: shifts in pesticide use after abandoning pesticides
- Data public in pesticides atlas: www.pesticidesatlas.nl

