

# Dutch impuls program on substances

Wim van der Hulst  
Waterboard Aa en Maas

Representative Meuse in working groep on substan  
In the Netherlands



# Ample progress in reaching WFD goals:

Biology

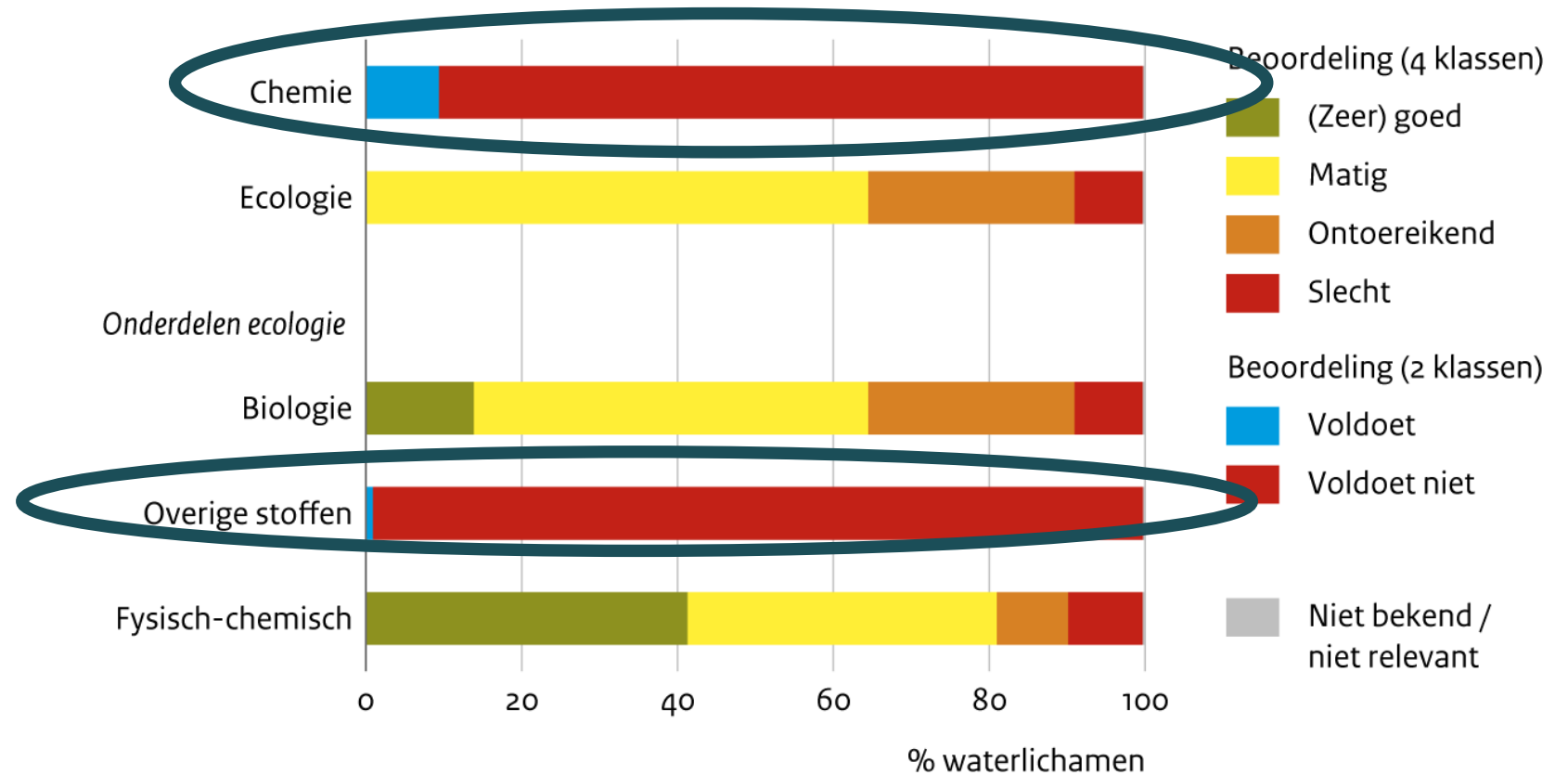
Sufficient water in wet nature

Nutrients

hydromorfology

**Chemical status**

Beoordeling kwaliteit oppervlaktewater volgens Kaderrichtlijn Water, 2021



# Impuls program

7 working groups, one on Substances.  
(others on nutrients, governance/juridical, ...)

Reporting to stream committee, national governance group (chair Minister of environment and water (I&W))

“stoffen” = priority list WFD

National list relevant substances (Netherlands 78 subst.)

**Speed up! Action**

**Do whatever is possible (and more)**

**Motivation 2027 why later / not**

# Which substances?

## Surface water problems

*38 in one or more surface water bodies of Meuse-part*

- Biocides / plant protection products
- Metals
- “rest group” PFAS, PAHs, PBDE,s
- ammonia

## Only indirect attention to:

- Watchlist
- Toxicity / effect
- Groundwater
- Drinkwater from groundwater

# Where does the substance come from?





# Contribution from upstream

For many substances the inland sources are bigger than what comes from you

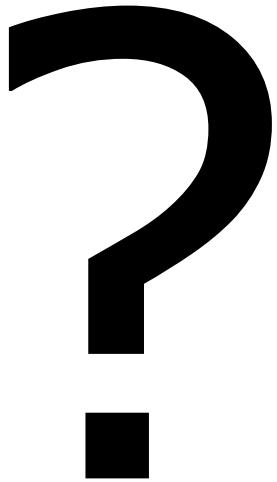
Can we address problems with substances on Dutch list?

*Cobalt, zinc, thallium, esfenvalerate, imidacloprid, carbendazim, benzo(a)pyrene, fluoranthene, ...*

Wfd priority substances – same goals everywhere in Europe



# Where does the substance come from?



Groundwater?

Little industry, f.i. automotive?

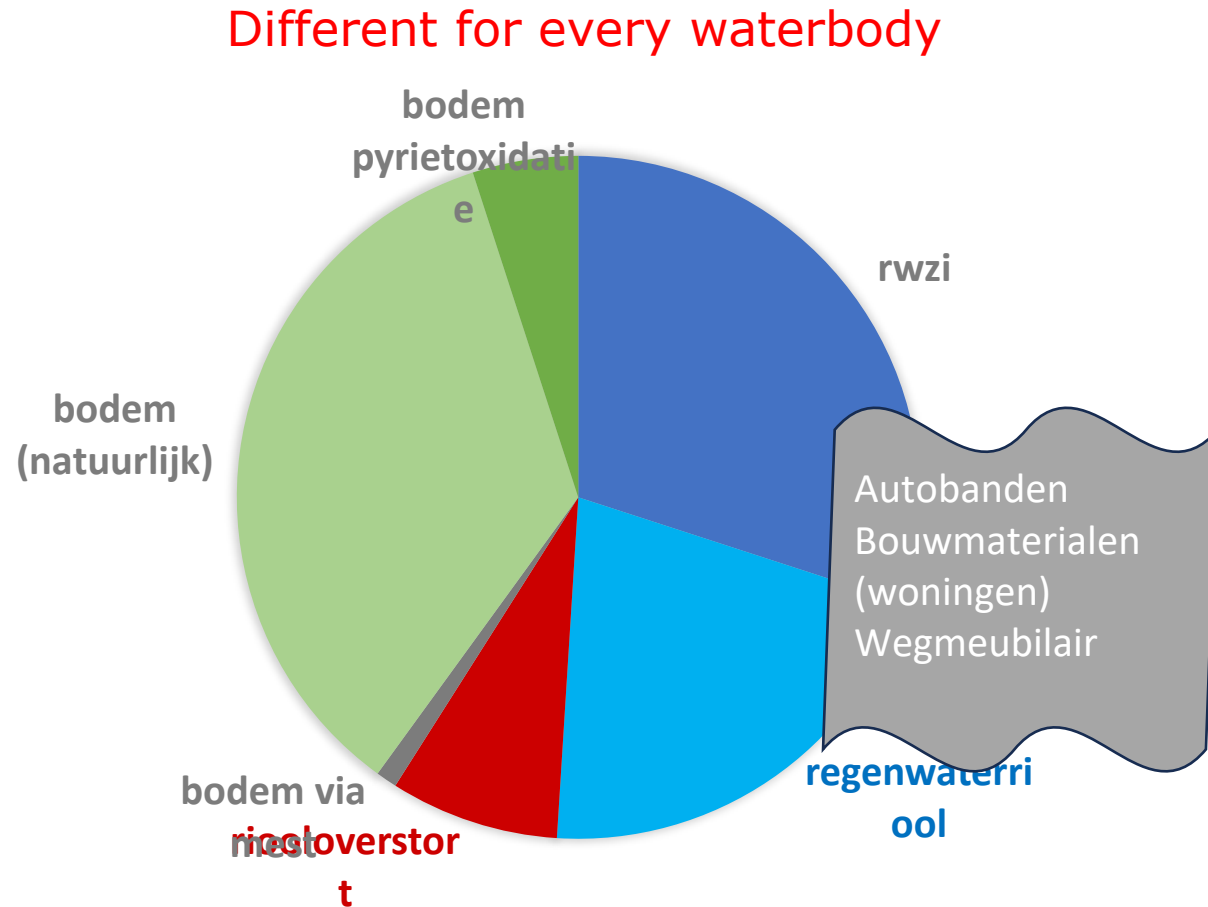
Households?

Rainwater


Historic pollution?

....

*Tools Possible pollutors per substance ?*



## Actions:

- Communicate about problem substances, measure who discards
- voluntary action
- Enforcement of present rules
- Add rules in permits and
- Add rules in general law
- Forbid use of substances (problem plant protection products  FAS, ...)

Not new, but at present sloppy



Purify  
Clean-u





Thank you for the  
attention

Questions and discussion