

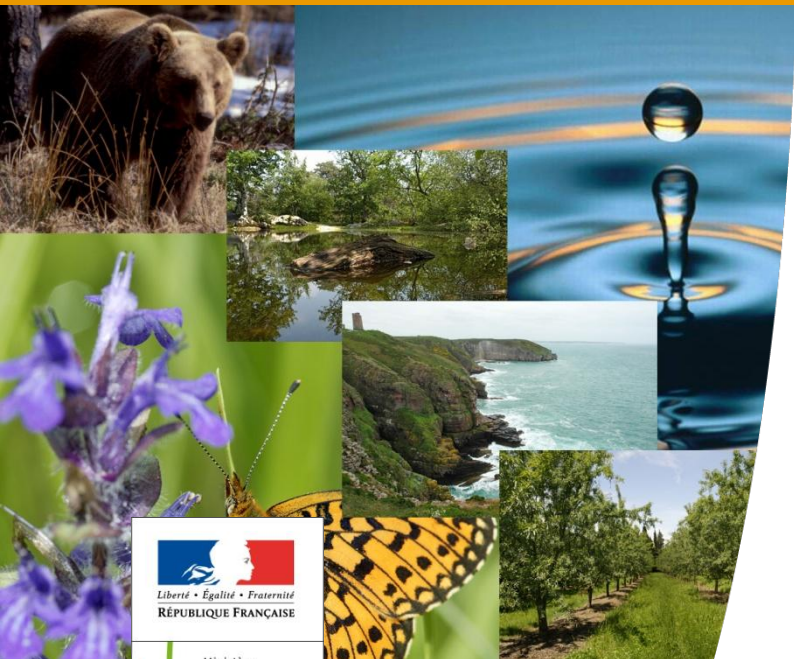
Specific pollutants selection in France

Screening exercises

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Re ressources, territoires, habitats et logement
Énergie et climat Développement durable
Prévention des risques infrastructures, transports et mer

Présent
pour
l'avenir

Ministère de l'Écologie, de l'Énergie,
du Développement durable et de la Mer

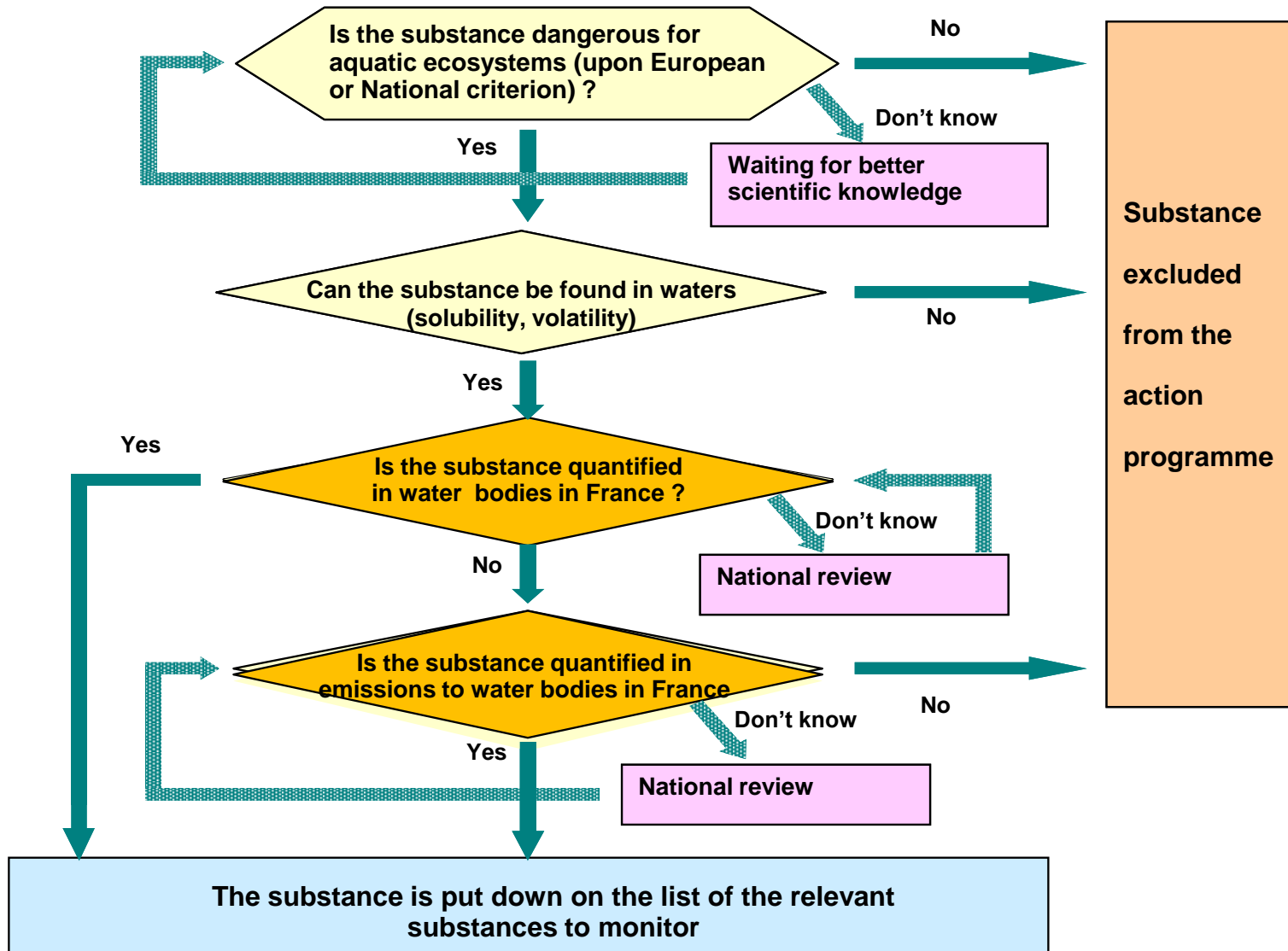
SCOPE

National action plan for pollution reduction published in 2005

- Prioritisation methodology to identify relevant substances for monitoring program
- 2 screening exercises (discharges and water bodies)
- List of substances for monitoring : 2006
- Update of the plan in 2010



Selection methodology of relevant substances



2 complementary actions

1- Search for dangerous substances in discharges

- List of 106 substances or families
- About 3000 installations
- 167 UWWTPs included
- Regional actions (local Ministry rep, Water authorities, industrials)

2- National review of river water quality in 2005

- 222 stations (155 water bodies, 50 lakes et 17 coastal stations)
- 200 substances systematically analysed
- Water and sediment
- 2 monitoring campaigns (low-water and high-water)



Substances of concern : ***« known substances »***

Discharges :

- PS
- DSD 76/464 EEC directive

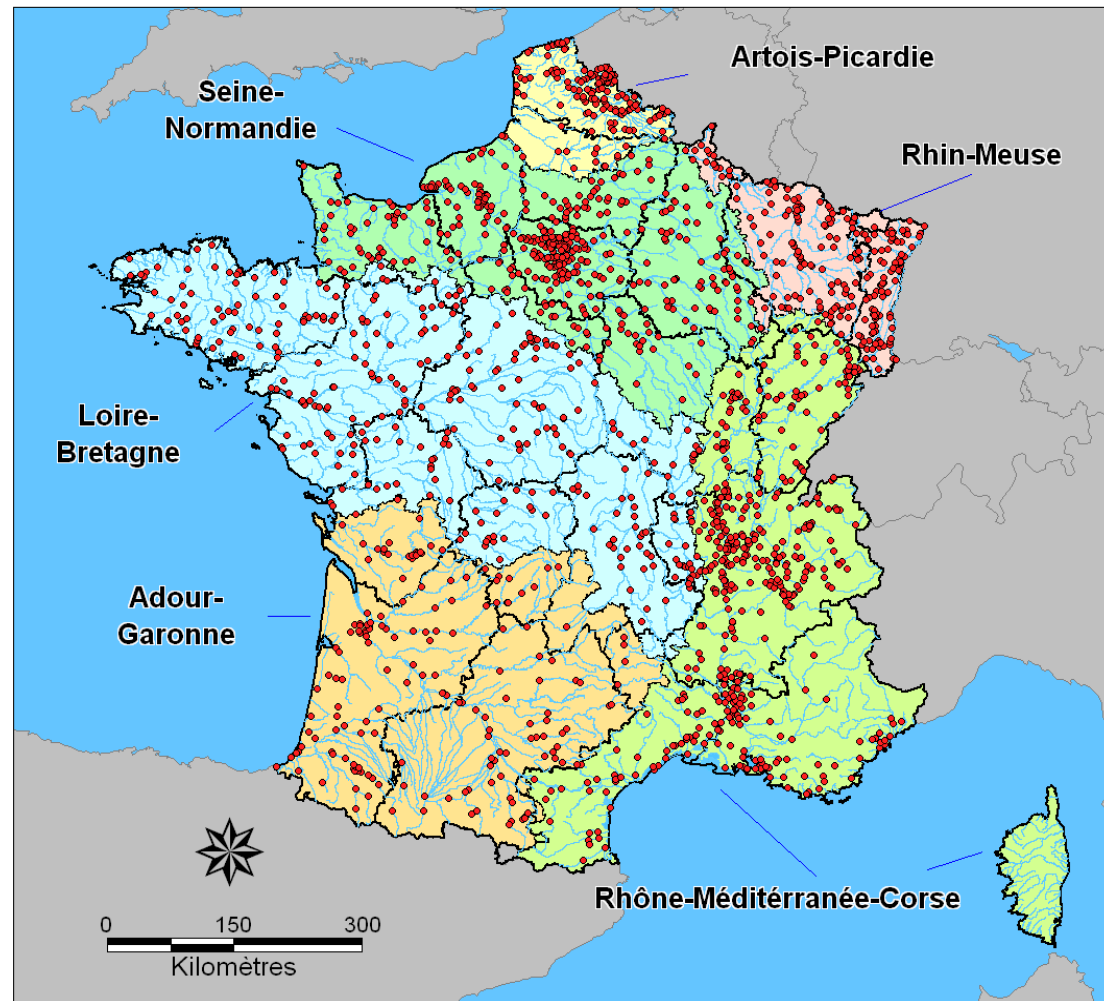
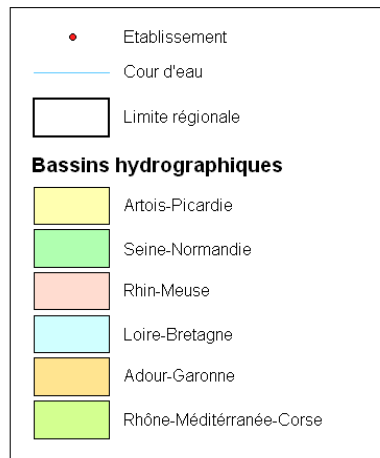
Water bodies :

- The same +
- 89 Pesticides used in France



Industrial or UWWTP concerned

Sites étudiés dans le cadre de l'action nationale 3RSDE



Source : MEDAD - Action 3RSDE

Octobre 2007

Industrial or UWWTP concerned

2876 sites

Main french industrial activities represented

- Surface treatment and metals (657)
- Chemistry (307)
- Agroindustry (439)
- Textile (155)
- Paper (124)
- Hides and skins (43)
- Glas manufacturing (56)
- + some hospitals
- + powerplants

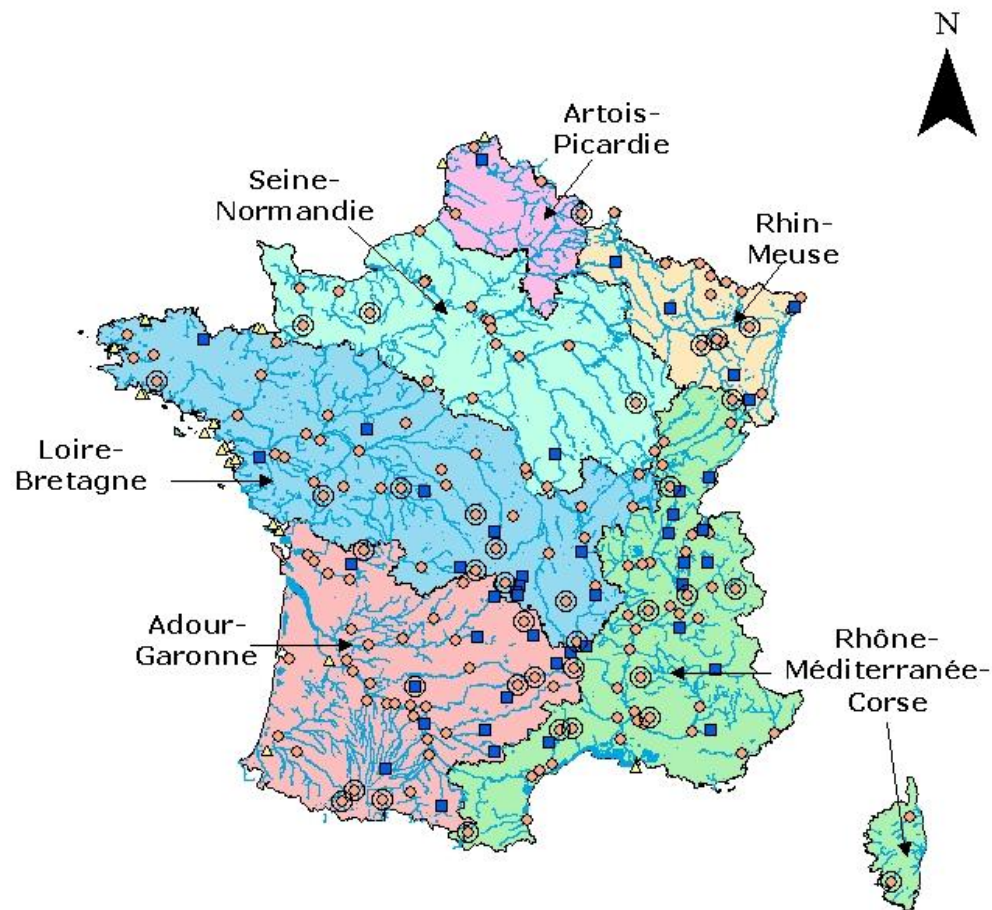


WB monitoring stations

Stations de Mesure

- Origine**
- Cours d'Eau (Nb=155)
 - △ Littoral (Nb=28)
 - Plan d'Eau (Nb=50)
 - Stations Référence (Nb=37)
 - Basins Hydrographiques
 - Cours et Plans d'Eau

0 250 500 Km



A first step towards harmonization of the campaigns at national level

For both exercises: technical requirements

- Laboratories applied the same protocols and had to comply with the same quality requirements for sampling and analyses
- Results uploaded following a common format
- Results centralised in a data base

⇒ DATA WERE EXPECTED TO BE COMPARABLE !!!!!



FINAL OUTCOME

113 national "relevant" substances identified to monitor (in 25% of WFD SM stations)

Derivation of **provisional quality standards**

Evaluate the level of contamination as regards the quality standards

⇒ Setting up appropriate regulation (monitoring and reduction)



Follow up actions

From the surveillance monitoring 2006-2007:

- 10 **national** specific pollutants for ecological status
- Derivation of EQS

New cycle :

- In discharges with industrial sector and UWWTP **specific lists** (start 2010)
- In water bodies with a new screening exercise including emerging pollutants (2011)
- National expert group for prioritisation (2010)

