Increase exchanges between European stakeholders on catchment protection

Combat diffuse pollution from farming to preserve water resources

Contact: animation-captages@oieu.fr
Increase exchanges between European stakeholders on catchment protection

**French context:** In France in 2010, 878 catchments discontinued because of diffuse pollution problems (nitrate, pesticides).
→ Need for preventative action to establish improved farming practices

**IOWater action:**
Help develop synergies between stakeholders in water and agriculture
→ Identify needs, promote stakeholder exchanges and discussions, act on feedback
Increase exchanges between European stakeholders on catchment protection

Collect feedback on experience

H2020 projects Fairway, Waterprotect

Identification of French stakeholder needs

2017

2018

2019

Seek out and identify stakeholder needs in terms of catchment protection

Solicit “private” and “public” catchment protection stakeholders in France

https://aires-captages.fr/page/europeang-success-stories

About twenty organisations interested in the project
Identification of French stakeholder needs

- Identification of 7 key themes:
  - Financing
  - Data
  - Substances
  - Regulation
  - Stakeholder
  - Tools/methods
  - Farming processes/field projects
Feedback invariably relates to the topic of farming:

- What **innovative solutions exist for financing** farming action? (e.g. PES, public/private partnerships, etc.).
- What **data are available** to protect catchments and how are these data **organised**? (e.g. agricultural data).
- What are the **new molecules to follow** (pesticide metabolites) and how are they determined?
- What action is in place to develop **processes and projects on the field**?

Along with more crosscutting subjects:

- What are the **regulations** for combating diffuse pollution?
- What are the **main types of stakeholder** involved in catchment protection?
- What **methods** are used for making **assessments, monitoring action, diagnosing territories**?
Increase exchanges by organising webinars

- To encourage exchanges between stakeholders on European level, IOWater will initially run “webinars” gathering experts around one of the themes identified at stage 1.

WEBINAR
- 2/3 experience sharing
- Discussion and question time
- Enhancement of content

Free of charge

Continue these exchanges using diverse formats and media

2019/2020
After 2020
Join the campaign

- IOWater is looking for:
  - Volunteers, experts and testimonials on the themes identified during stage 1, to:
    - Participate in webinars
    - Exchange on action carried out in different European countries
- On a more basic level, IOWater is calling on anyone interested in this approach, which aims to gather and boost exchanges on catchment protection.
IOWater will help feed into this network by supplying resources

- Make available French examples of catchment protection and of action to combat diffuse pollution
- Create an e-book on catchments and diffuse pollution in France:

**E-Book on catchment protection**

- English/French versions
- Dynamic, innovative format
- Share French experience internationally
- Train and inform French elected parties
e-book on catchment protection

• Dynamic tool involving numerous French stakeholders active in the area:

  Fully illustrated

  A dozen audio/video testimonials

  Two animation videos specially created for the e-book

Drinking water standards
(contaminants related to diffuse pollution)

<table>
<thead>
<tr>
<th>Contaminant</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pesticides (by individual substance)</td>
<td>0.10 µg/L</td>
</tr>
<tr>
<td>Aldrin</td>
<td>0.03 µg/L</td>
</tr>
<tr>
<td>Dieldrin</td>
<td>0.03 µg/L</td>
</tr>
<tr>
<td>Heptachlor</td>
<td>0.03 µg/L</td>
</tr>
<tr>
<td>Heptachlor epoxide</td>
<td>0.03 µg/L</td>
</tr>
<tr>
<td>Total pesticides</td>
<td>0.50 µg/L</td>
</tr>
<tr>
<td>Nitrate</td>
<td>50 mg/L</td>
</tr>
</tbody>
</table>
What is a whole catchment area?
Implementation of protection zones for drinking water catchments

**Water Protection Zones and Whole Catchment Areas**

Do not confuse Water Protection Zones with Whole Catchment Areas

**Water protection zones**

Water protection zones (which can be immediate, close or remote) are set up to protect water resources from pollution likely to make the water unsuitable for consumption. This mostly concerns point source and accidental pollution.

Since the Water Act of 3 January 1992, it has been obligatory to set up protection zones around abstraction points for the water supply. Local authorities, as contractors, are responsible for carrying out this procedure, which must include a Declaration of Public Utility.

**Water catchment areas**

Whole catchment areas (WCAs) are surfaces on which water infiltrates or runs into the catchment(s). The objective is to designate a zone in which action will be implemented to protect water resources (action against diffuse pollution).

Note that whole catchment areas are sometimes called drainage basins. These are considered to be synonymous.
Project participation

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