



**AGENCE FRANÇAISE  
POUR LA BIODIVERSITÉ**  
ÉTABLISSEMENT PUBLIC DE L'ÉTAT

## *An example of Information System*

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<https://aires-captages.fr/>



# Information System

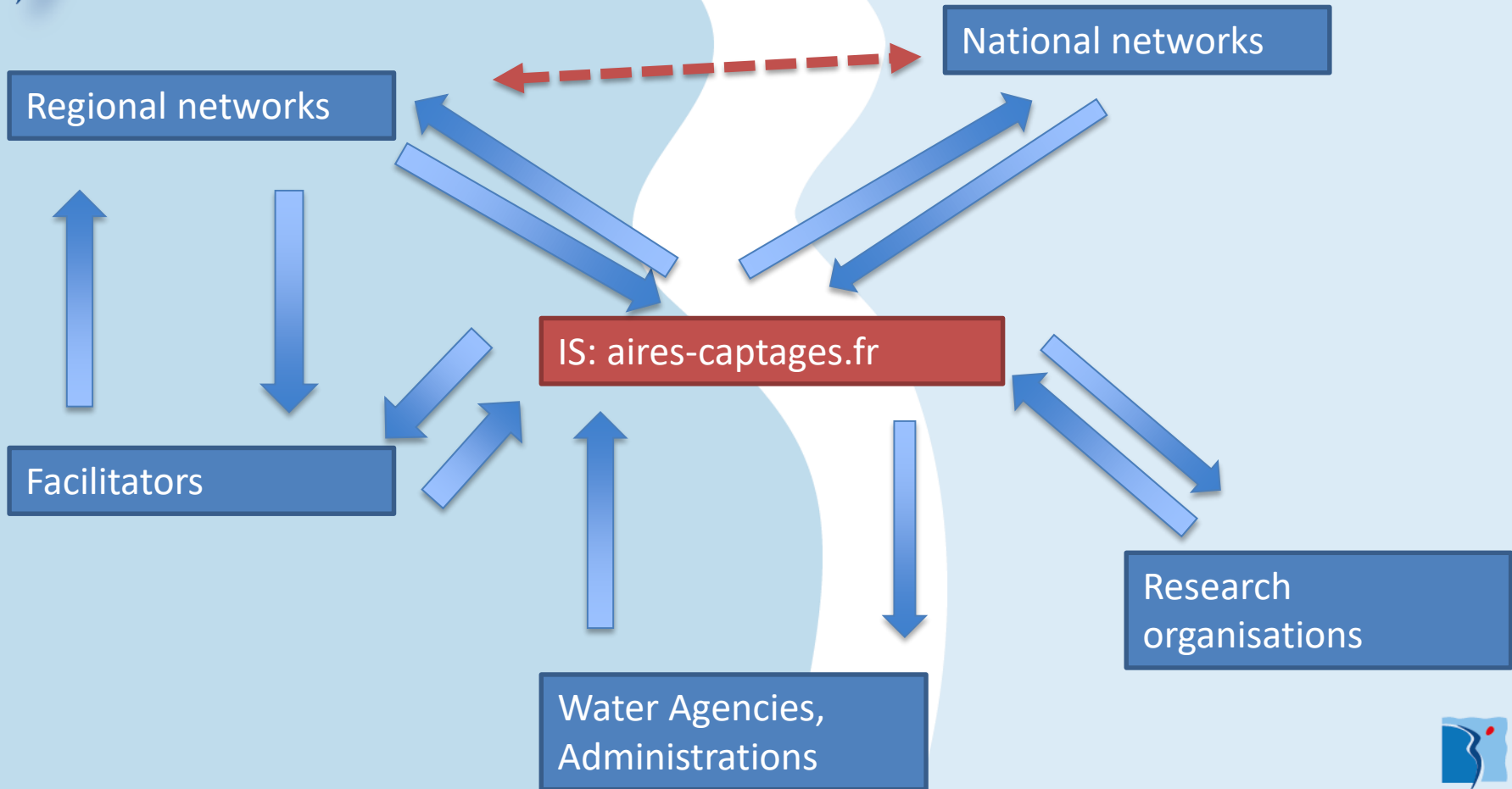
- Social system: organisational structures + people linked to the IS
- Technical system → technologies

The example of the IS : [aires-captages.fr](http://aires-captages.fr)

→ for the stakeholders involved in catchment areas issues (to protect drinking water resources).

This portal stimulates the networking of stakeholders, centralises and disseminates resources (data, documentation...)

# Social system



# Social system

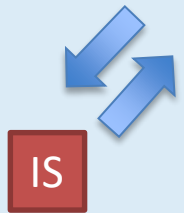
IS: aires-captages.fr

Helps :



Reciprocal exchanges between IS and stakeholders having a very different profile

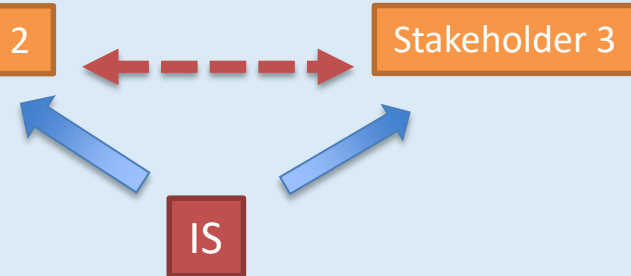
Stakeholder 1



Exchanges between these different stakeholders

Stakeholder 2

Stakeholder 3



Documentation

Knowledge

News

Follow up of implementation of actions

Data

Research projects

Feedback



# Technical system

- The « Aires-captages.fr » IS :
  - Numerous data and documentation
  - Different input systems
  - Control and monitoring systems
    - Automatic systems (mail) and manual (check from the webmasters)
  - Search interfaces
  - Communication interfaces
    - Exports
    - Dashboards
    - Viewings

# Technical system : the inputting process

- Data and documentation: multiple sources + varied technological systems
- Data on catchments:
  - Using of web services
  - Inputting through exports (csv, xls) at regular interval
  - Manual entry by facilitators / IS users
  - Cross-checking with data in open data
- Documentation :
  - OAI automatic inputting from documentary databases
  - Manual additions

In addition, exchanges between different information systems



Need of control and monitoring systems

# Illustrations



Mapping (overlay of layers)

## RECHERCHE ACTUELLE

51 résultats trouvés

- (-)

### FILTRE PAR BASSIN :

- ADOUR-GARONNE (1)
- ARTOIS-PICARDIE (2)
- LOIRE-BRETAGNE (13)
- RHIN-MEUSE (4)
- RHONE-MEDITERRANEE (11)
- SEINE-NORMANDIE (16)

Afficher les résultats sur une carte

Rechercher Rechercher dans

Nom de l'AAC, de l'ouvrage, de la commune, etc. Tout Rechercher

Résultats de 1 à 51 sur les 51 réponses

NOM DE L'AAC	DÉPARTEMENTS	ORIGINE DE LA RESSOURCE	ORIENTATION AGRICOLE	PROBLÉMATIQUE
AAC AUGER SAINT VINCENT 1	OISE		Grandes Cultures, Autre	
AAC BRINON SUR BEUVRON	NIEVRE	Eaux souterraines	Élevage	Nitrates
AAC de Brossac-puits	VIENNE	Eaux souterraines	Élevage, Grandes Cultures	Nitrates

Search interface

## Nom de l'Aire d'Alimentation de Captage

AAC AUGER SAINT VINCENT 1

### Généralités

### Territoire

### Relations géographiques

### Documentation

### Informations système

### Code

101

Code de l'Aire d'Alimentation de Captage

### Statut Sandre

Provisoire

### DÉSIGNATIONS ALTERNATIVES DE L'AIRE D'ALIMENTATION DE CAPTAGES

#### Organisme

AESN

#### Code/libellé

21036\_233

Autres codification/identification/libellé connus pour cet élément

Retirer



AIRE D'ALIMENTATION DE CAPTAGE

## AAC AUGER SAINT VINCENT 1

ÉGALEMENT DESIGNÉE COMME 21036\_233 PAR AESN | MISE À JOUR LE 02/10/2017

### CARACTÉRISTIQUES

DÉMARCHE DE PROTECTION

OUVRAGES ET POINTS D'EAU

TERRITOIRE

DOCUMENTS

ADMINISTRATION

### SUPERFICIE

3527,50ha

DÉPARTEMENT

OISE

SAGE

Automne  
Nonotte

RÉGION

PICARDIE

RÉGION (2016)

HAUTS-DE-FRANCE



Bassin  
SEINE-NORMANDIE

Modification form

<https://aires-captages.fr/>

Individual files

# Conclusions

- Information system:
  - Social system
    - Make easier the exchanges between stakeholders
    - Share knowledge, information, data
  - Technical system
    - Web portal
    - Varied processes for the exchanges, communication, monitoring...
- A strong participation between the animators and stakeholders, is necessary to conform with the diversity of stakeholders, to the existing tools and to the varied & changing needs





*Thank you for your attention*

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