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
→ 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

Reciprocal exchanges between IS and stakeholders having a very different profile

Exchanges between these different stakeholders

IS: aires-captages.fr

Helps:

- Data
- Documentation
- Research projects
- Knowledge
- News
- Feedback
- Follow up of implementation of actions
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
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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