Water Agency support to implementation of RBMP measures

Illustration of the Artois-Picardie’s river basin

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Content of the presentation

1. French water sector financing main principles

2. Illustration of Artois-Picardie’s River Basin Management Plan
Artois Picardie: 20 000 km² 4 700 000 inh.

Rhin Meuse: 37 700 km² 4 000 000 inh.

Rhône Méditerranée & Corse: 130 000 km² 14 000 000 inh.

Loire Bretagne: 155 000 km² 11 000 000 inh.

Adour Garonne: 116 000 km² 6 500 000 inh.

Seine Normandie: 100 000 km² 17 000 000 inh.
The 6 french water agencies have been created through the french water law of 1964, revised in 1992 and 2006

The main mission of the water agencies is to implement the water policy, meeting national guidances but designed at basin level, by:

• collecting fees (environmental taxes) from the economic sectors (industry, households, agriculture) who abstract water or discharge polluted waters,

• giving subsidies or soft loans to municipalities, industrial or agriculture unit who invest for the reduction of pollution (i.e. waste water treatment plant, clean process,....).
The Water Agency Artois-Picardie collects around 200 millions euros every year from water taxes (Abstraction and Waste Water Discharge).
• The municipalities are responsible for the water and sanitation public services.

• the municipalities can run the services by themselves or delegate to a private company

• They finance the water utilities (with subsidies from the water agency) and the price paid by households (and firms connected to public network) has to cover the costs (investment and operating) according to a specific law (M49). Thus the cost recovery for water and sanitation public services is quite high (>95%)
Water financing Scheme in France

The financing Scheme

Urban Waste Water Treatment Plant

Sources of financing

- Water & sanitation bill
- Water Agency
- Loans

Municipality

- No subsidies from the State
- The Municipality is the owner of the assets
ARDOIS-PICARDIE RIVER BASIN

River Quality Assessment

- 20,000 Km²
- 4.8 millions inhabitants
- 12,000 km of water courses
- 95% of drinkable water produced from aquifers
- GDP: 100 billions €
- GDP/inh: 22,000 € (25% lower than the mean value for France)
- Mean water price (water + sanitation) paid by households: 4.26 € per m³

- Transboundary issues (Scheldt International District)
- High urban and diffuse pollution pressures
- Past industrial activities issues
Cost for achieving the good ecological status: 4,8 billions euros

- Sewerage: 57%
- Agriculture: 20%
- Potable water: 14%
- Industry: 6%
- Ecosystem: 3%
Evolution of Water price (water supply + sanitation + fees) in Artois-Picardie River Basin

[Chart showing the evolution of water price from 1994 to 2013 with different costs breakdowns]
Role of Economic Analysis

Economic Characterisation of the River Basin

Cost-effectiveness Analysis

Cost-benefit Analysis & exemptions

Cost-recovery and incentive pricing policy

TOOLBOX

WATECO Guidance Document
Artois-Picardie River Basin – Scenario « no action for water »
Artois-Picardie River Basin
- Baseline Scenario

-70 M€ /an
Patrimoine littoral

-100 M€ /an
Tourisme littoral

Pêche
-15 M€ /an

60 M€ /an
Bouteilles

10 M€ /an
Patrimoine cours d'eau

Traitement eau potable et industrielle
-30 M€ /an

Avantages économiques du bon état écologique sur le bassin Artois-Picardie.
EcoWhat.
Économie et politiques publiques
Artois-Picardie River Basin – Good Ecological Status Scenario
Conclusions and open issues

• Cost of the Programme of measures......and benefits

• Share the costs......share the results

• Public consultation on WFD and water related Directives (december 2014 – June 2015)
Mulţumesc
Merci!
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