



National Administration  
"APELE ROMANE"



The Ministry of Environment and Climate Change  
Department of Waters, Forests and Fishery



The National Institute of Hydrology  
and Water Management

# *Water Agency support to implementation of RBMP measures*

*Illustration of the Artois-Picardie's river basin*

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**Bucaresti – 14 November 2014 – roundtable 3**

# Content of the presentation

- 1. French water sector financing main principles**
- 2. Illustration of Artois-Picardie's River Basin Management Plan**

**Seine Normandie:**  
100 000 km<sup>2</sup>  
17 000 000 inh.

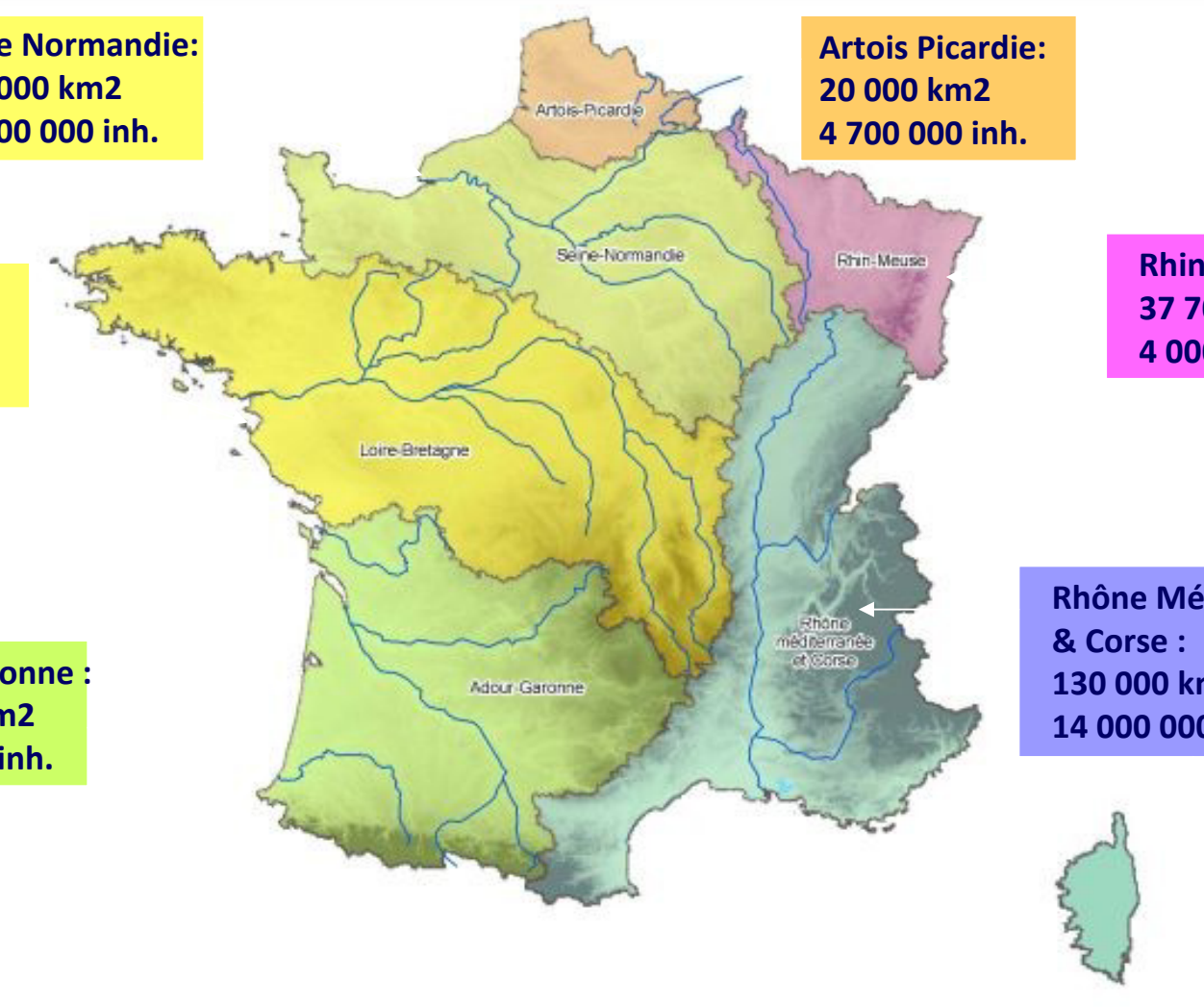
**Artois Picardie:**  
20 000 km<sup>2</sup>  
4 700 000 inh.

**Loire Bretagne:**  
155 000 km<sup>2</sup>  
11 000 000 inh.

**Rhin Meuse :**  
37 700 km<sup>2</sup>  
4 000 000 inh.

**Adour Garonne :**  
116 000 km<sup>2</sup>  
6 500 000 inh.

**Rhône Méditerranée  
& Corse :**  
130 000 km<sup>2</sup>  
14 000 000 inh.



**EU Level**

EU Commission

- ➔ Set Directives
- ➔ Control Directive implementation

**National Level**

National Assembly

ONEMA

Ministry in charge of Environment

- ➔ Translate Directives in French Law
- ➔ Endorse programmes of water agencies and fees level
- ➔ Set objectives and guidelines of water policy with coordination with other ministries
- ➔ Ensure reporting of Directives to EU Commission

Basin Committee

- ➔ Build a shared vision of the River Basin and stakeholders dialogue
- ➔ Endorse RBMP, PoM, Programmes and fees

**Basin Level**

Water Agency

DREAL

Collect fees, finance water assets & measures

Deliver and Control permits water abstraction & discharge

- ➔ Prepare RBMP and PoM
- ➔ Follow up of the PoM and deliver to national level data for EU reporting

**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,....).**

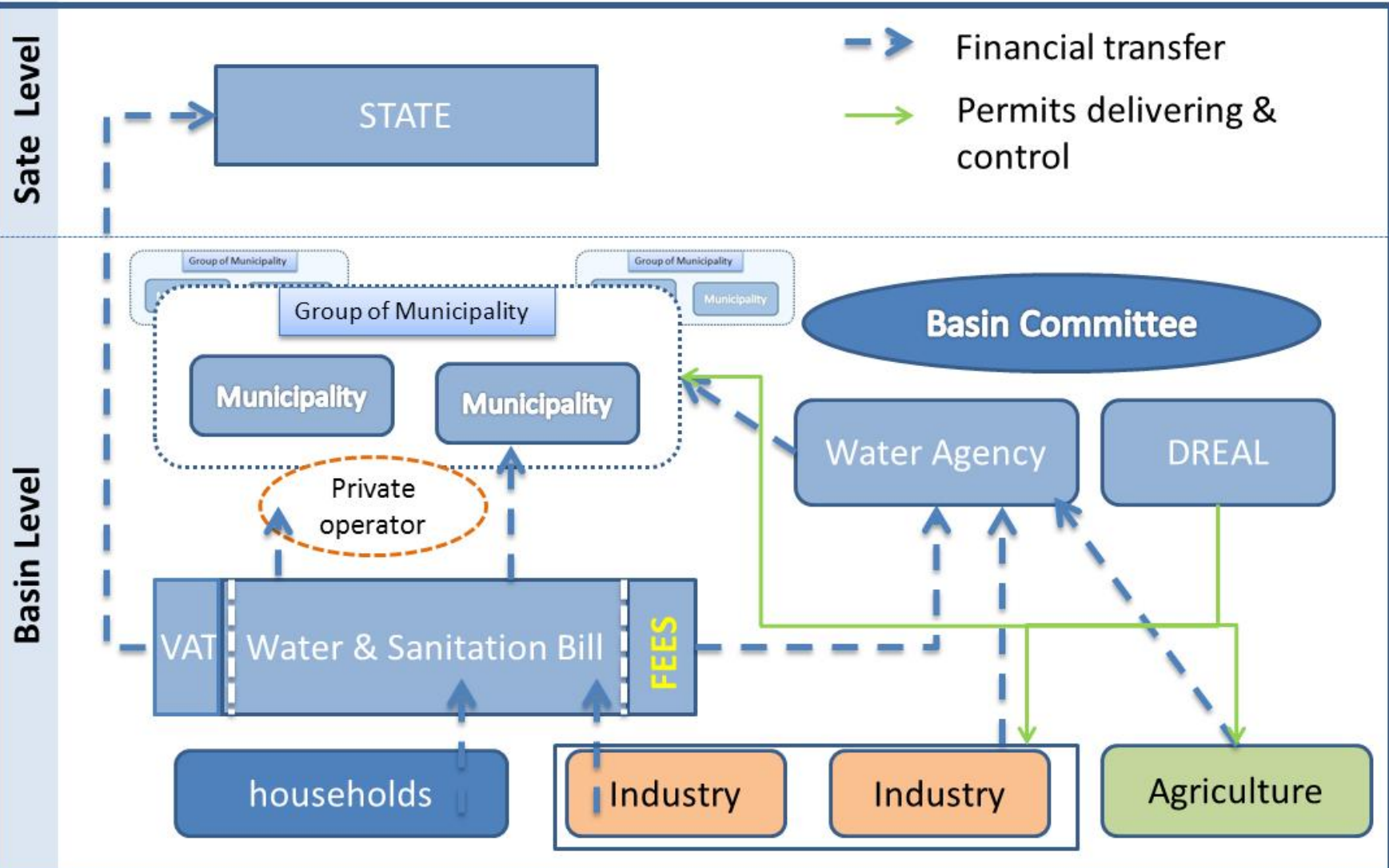
# BASIN COMMITTEE



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 quiet high (>95%)**

# Water financing Scheme in France

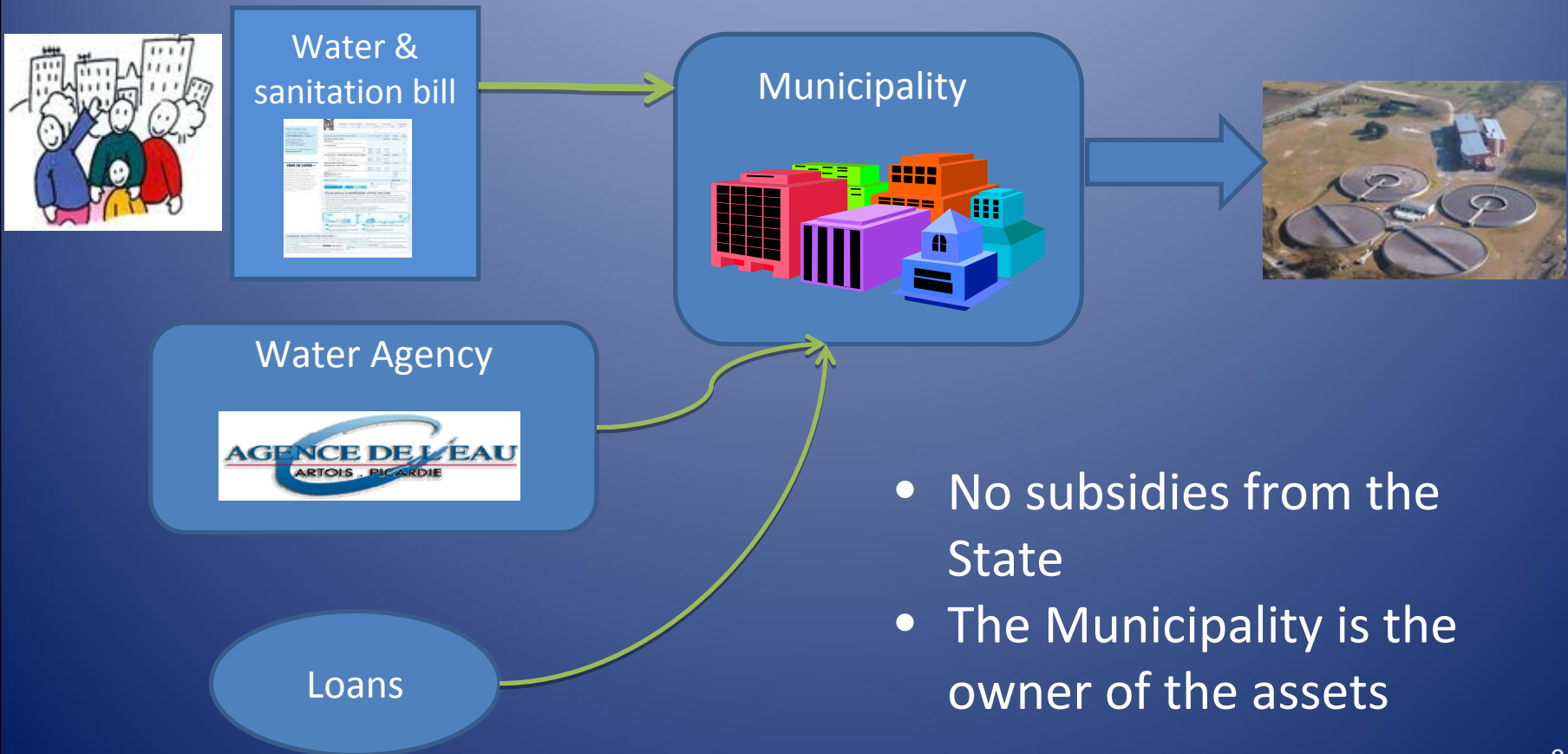




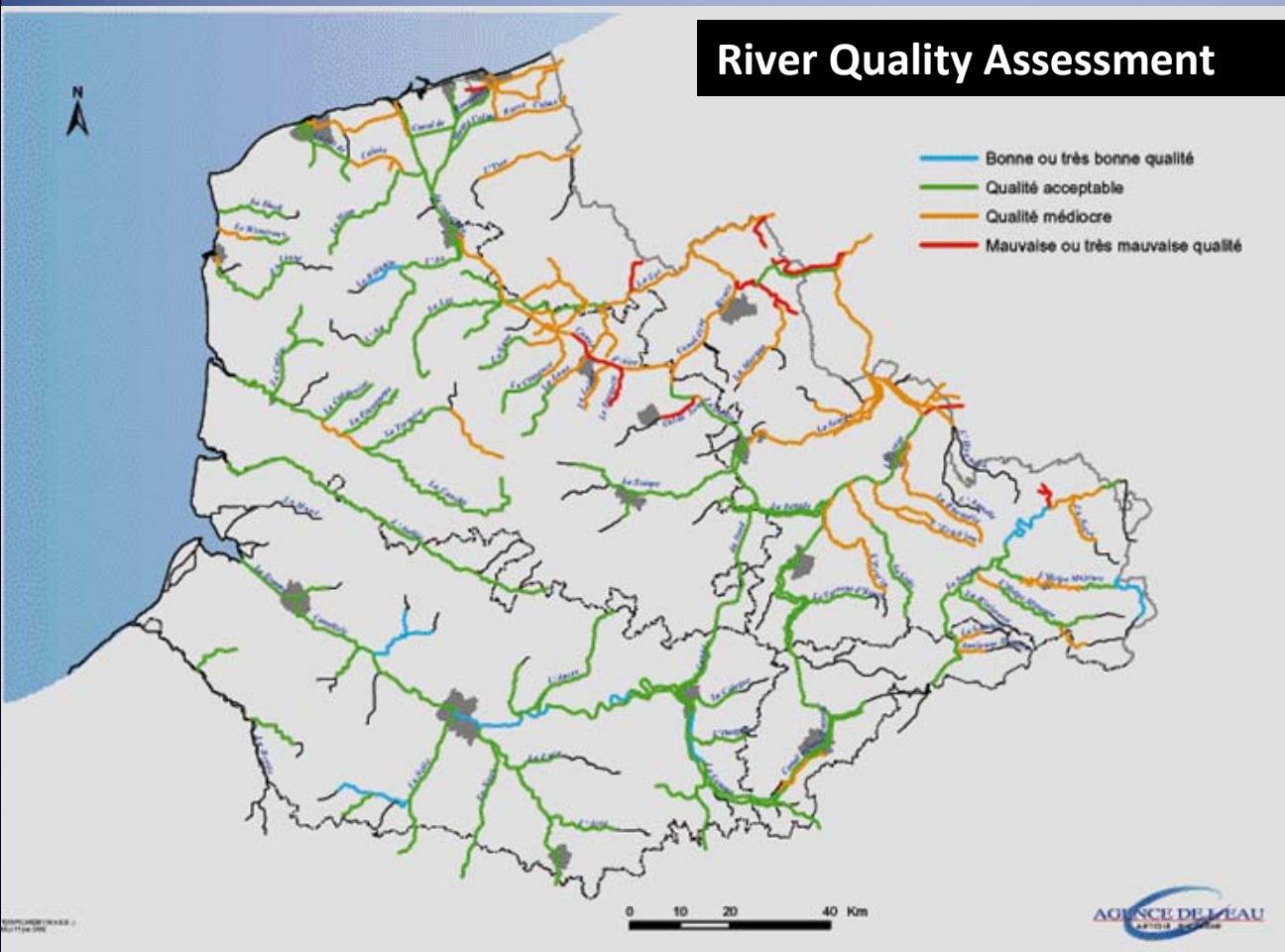
# The financing Scheme

## illustration Urban Waste Water Treatment Plant

Sources of financing



# ARTOIS-PICARDIE RIVER BASIN



20 000 Km<sup>2</sup>

4,8 millions inhabitants

12 000 km of water courses

95% of drinkable water produced from aquifers

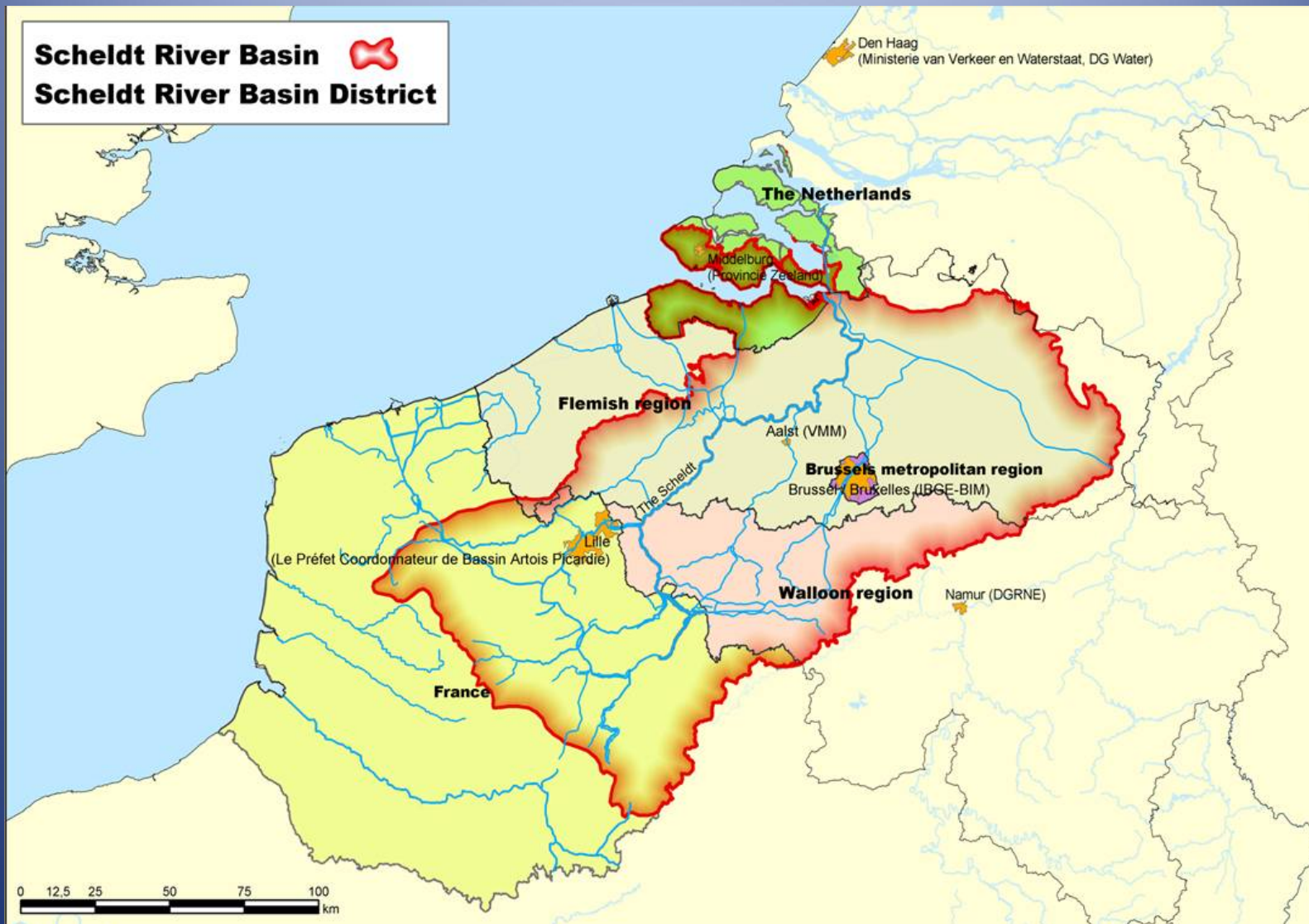
GDP : 100 billions €

GDP/inh : 22 000 € (25% lower than the mean value for France)

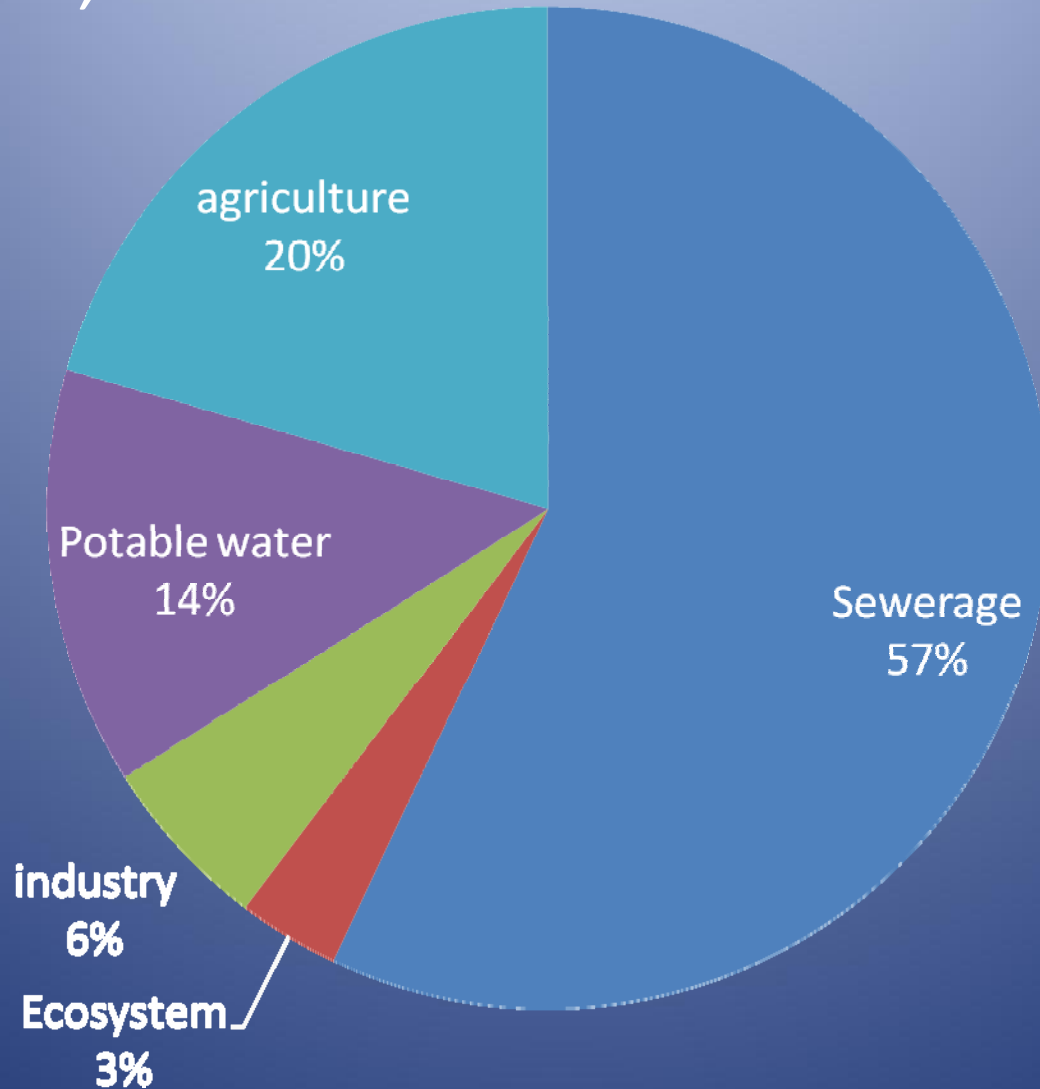
Mean water price (water + sanitation) paid by households : 4,26 € per m<sup>3</sup>

- Transboundary issues (Scheldt International District)
- high urban and diffuse pollution pressures
- past industrial activities issues

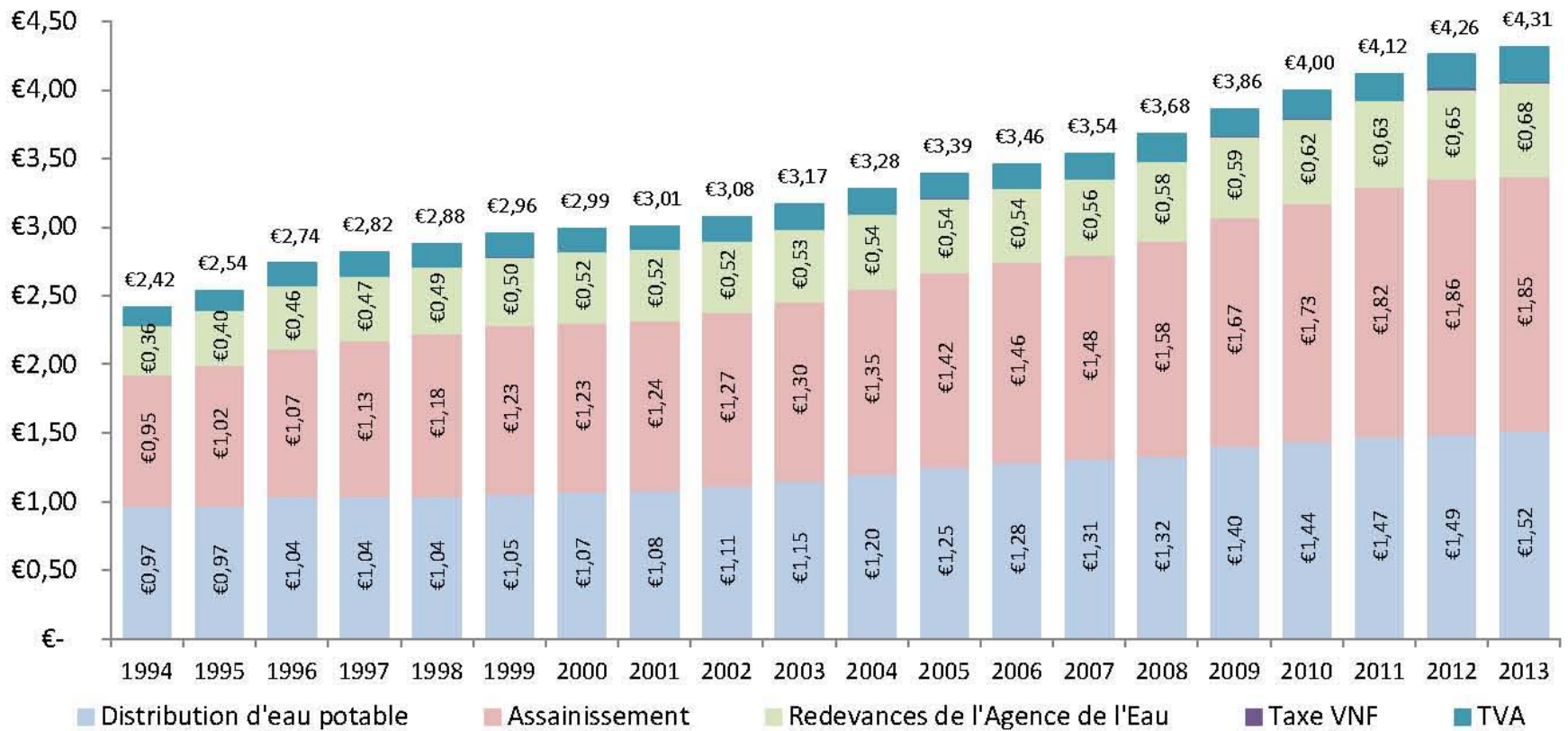
**Scheldt River Basin**   
**Scheldt River Basin District**



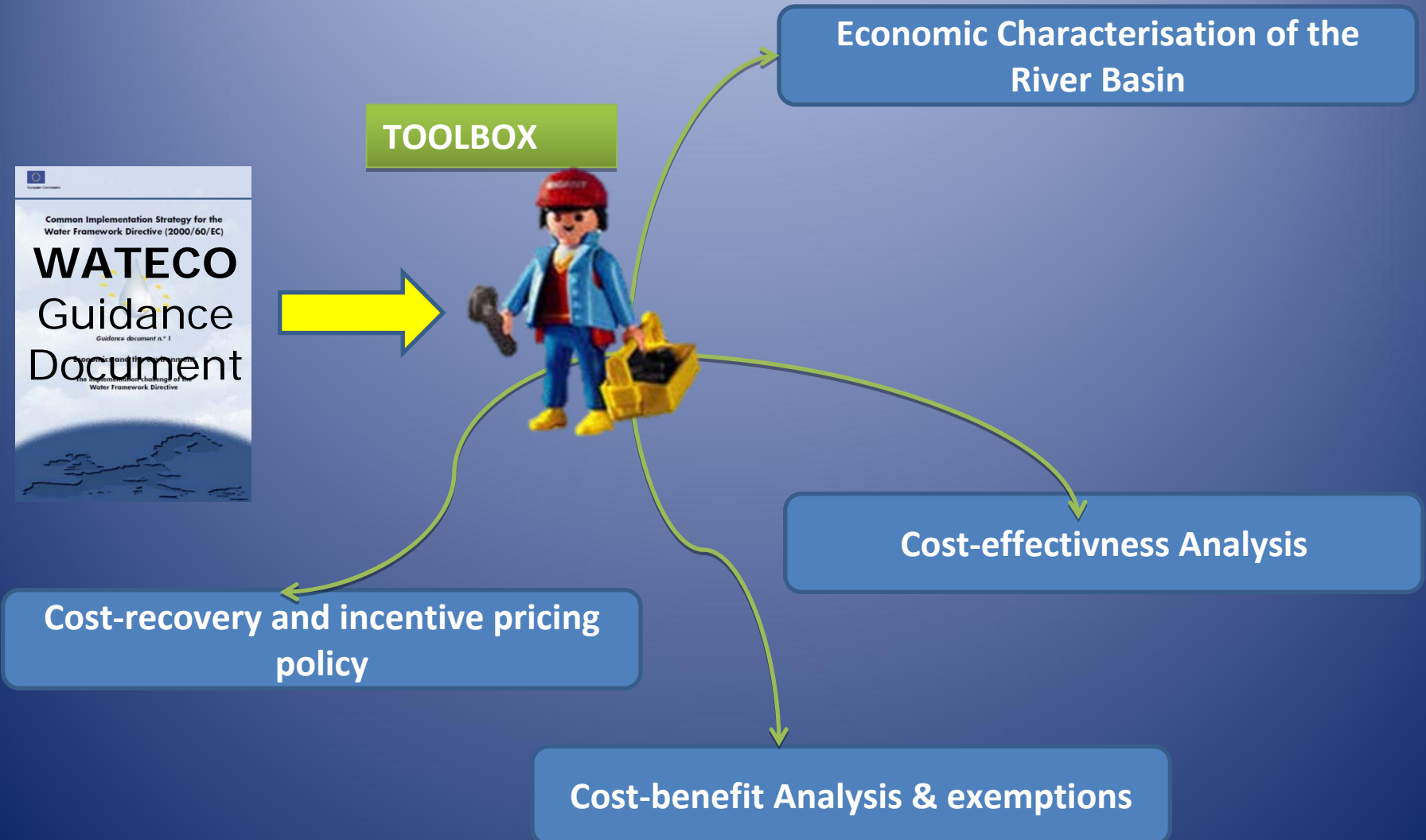
# Cost for achieving the good ecological status : 4,8 billions euros



# Evolution of Water price (water supply + sanitation + fees) in Artois-Picardie River Basin



# Role of Economic Analysis

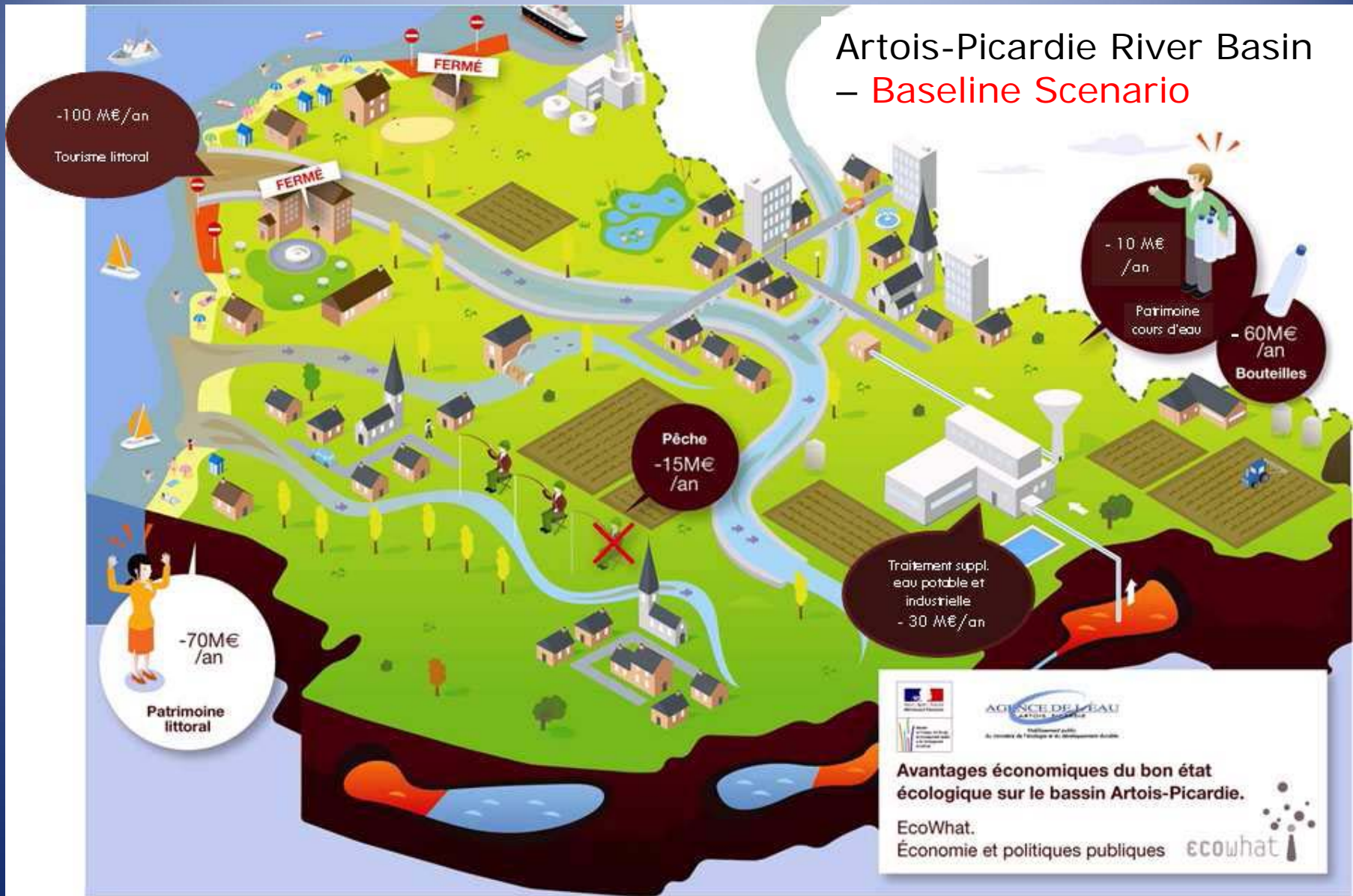


-600 M€/an

Tourisme littoral



# Artois-Picardie River Basin – Baseline Scenario



AGENCE DE L'EAU  
NORMANDIE-PICARDIE

Avantages économiques du bon état écologique sur le bassin Artois-Picardie.

EcoWhat.  
Économie et politiques publiques



# Artois-Picardie River Basin – Good Ecological Status Scenario



+ 50 M€/an  
Patrimoine littoral et nappes

+ 50 M€/an  
Patrimoine cours d'eau

+ 30 M€/an  
Bouteilles

+4,5M€/an  
traitement

 **AGENCE DE L'EAU**  
Artois-Picardie  
Département public  
au service de l'État et de Développement durable

**Avantages économiques du bon état écologique sur le bassin Artois-Picardie.**

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# 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)



**Multumesc  
Merci!**

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