

# Development of infrastructure projects co-financed by EU



## Situation in France (2000-2006)

- . Eligibility to funding
- . Environment Projects
- . Transport Projects



# European Development Regional Fund (FEDER)

## Eligibility of France projects

**Global funding for all countries: 195 000 M€**

**Objective 1. Regions whose development is lagging behind**

- Guadeloupe, Martinique, Réunion Islands, French Guiana, (3254 M€)+ Transitional support in Corsica, North and East (551)

**Objective 2. Conversion of areas experiencing structural difficulties**

- 19 millions inhabitants are eligible for funding (6000 M€)

**Objective 3. Education, training, employment**

- All areas excepted area involved in Objective 1 (4500 M€)

*>> Environment and Transport projects introduced here are funded under Objective 2 .*



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## Environment projects in France (1)



### Micro-plant for electricity production. La Bresse, Lorraine.

The local production of electricity is completed with this 5th micro-power plant. It comprises:

- a 21000 m<sup>3</sup> water storage reservoir,
- a 2.4 km water pipeline,
- a new building with electricity production turbine,
- electricity transport line.

*No pollution emission*

*Cost: 2,5 M€, 39% EU (1 M€)*



### Reduction of industrial pollution. Commynes, Nord.

This blue pigments factory practices calcination (800 °C) of a mixture of sulphur, kaolin, sodium carbonate.....and it produces important emission of SO<sub>2</sub>!

Construction of a new unit for gas treatment. Reduction of 2000 t SO<sub>2</sub> a year >> the factory is allowed to stay on the site.

*Reduction of air pollution, reduction of electricity energy, reduction of water use, production of sulphuric acid.*

*Cost: 6 M€, 30 % EU (2M€)*

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## Environment projects in France (2)



### **Coast protection. Mers-les-Bains, Picardie.**

Storms in 1990, 1991, 1992 damaged dikes and flooded Somme bay territories and Mers-les-Bains. The project comprises:

- construction of a rip-rap wave absorber slope, 360 m long,
- restoration of the beach,
- restoration of the pedestrian street.

*Protection of the site against flooding, new tourism area*

*Cost: 3 M€, 39 % EU (1M€)*



### **To canalise the Somme River. Somme area, Picardie.**

2001 flooding was an unprecedented natural disaster. Main remedial measure as to canalise the Somme River.

The project comprises mainly the strengthening of the river dykes, plus the repair of the locks and dams.

*15% increase of water flow to the sea at low tidal,  
10 cm reduction of water level in the river (enough  
to protect the Somme river area of major flooding).*

*Cost: 4 M€, 32 % (1,5 M€)*



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## Transport projects in France. 1. Railways.



### **Clermont-Ferrand City Tramway.**

Traffic jam increase requests transport improvement: a tramway line.

- 14 km North-South line with 31 stations, for 75 000 inhabitants.
- 5 car parks in various points of the suburbs.
- Civil engineering: tramway platform, bridges, catenary cables, rails...
- Transport : 20 trains, stations, security systems, ICT.
- Improvement of City centre: pedestrians areas, traffic and pollution reduction.

*Cost: 170 M€, 12 % EU (20 M€)*



### **Improvement of the rail road network connected to East TGV (HSL)**

TGV Paris-Strasbourg) now under service needs network improvement.

- > electrification of 200 km railroads on 2 regional lines.
- 4000 electricity poles and catenary cables,
- transformation or reconstruction of 20 road bridges and footbridges,
- improvement of rails safety systems,
- ICT implementation for train traffic and for passengers

*Cost: 66 M€, 32 % EU (21 M€)*

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## Transport projects in France. 2. Harbours.



### **Bayonne (Pays Basque) harbour.**

Extension of harbour potential, reduction of road traffic:

- local rail system to be connected to the national network,
- construction of a new merchandise quay,
- construction of a new merchandise storage building
- equipment with a new crane system.

*Cost: 7 M€. 25 %EU (1,75 M€)*



Picture : Yves Madec PAH  
meretmarine.com

### **“Port 2000” extension in Le Havre harbour.**

Objective of “Port 2000” : to double harbour traffic (2010).

- a new 5 km long protection dike,
- 700 m of new quays (6 working areas) to be extended to 4200 m with 12 working areas (25 m high quay walls), and related frame cranes for containers.
- transport infrastructures : railroads, motorway, canal.
- environment protection measures.

*Cost: 1100 M€. 3,94 % EU (43 M€)*



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## Transport projects in France. 3. Roads and multi-modal.



### **Improvement of Route Nationale 206, Alès-Nîmes (Languedoc-Roussillon).**

Improvement of transport conditions to Alès basin (Conversion area).

A new RN 206 (10,2 km) 1x 2 lanes >> 2x 2 lanes, out of floods.

- 1 600 000 m<sup>3</sup> earthworks : for embankments + pavement materials.
- 22 normal bridges and 4 large bridges, on rivers, roads and railroads.
- 750 m of hydraulic works
- 6 000m<sup>2</sup> of noise reduction systems.

*Cost: 76 M€, 21 % EU (21 M€)*



Picture : delta-3

### **A new multi-modes transport platform : Dourges platform**

To face a strong increase of traffic merchandises in North>Europe

- a 600 hectares surface available, near existing transport modes,
- extension of railroad to Paris-Lille-Londres-Bxelles TGV,
- extension to Paris-Lille-Belgium (etc) motorways,
- La Deule canal and big size canal
- environment protection measures : soils de-pollution, water treatment, greening the landscape

*Cost: 49 M€, 34,4 % EU (17 M€)*

# European Development Regional Fund (FEDER) Environment and Transport projects in France

## Conclusions

- France is a reasonable user of EU funding in the 2 mentioned fields (Environment and Transport).
- Environment projects are very modest but EU contribution is really appreciated because it allows mobilisation of other funds.
- Transport projects deal with various scales, sometimes very large, including European scale operations : funding is significant.
- *Since 2007, rules changed : European social fund, Cohesion fund, European development regional fund (Convergence, regional competitiveness, European territories cooperation) : Wait en see!*