Explanatory mission on sustainable reconstruction after floods in Serbia

Outputs and proposals

1 - 4 December 2014
• Context of the mission
• Objectives of the mission
• A mission conducted by French public institutions
• Main outcomes
• Channels of cooperation
Context of the mission

- Floods mid-May 2014
- Willingness of France to contribute to Serbian reconstruction: French financed mission (Ministry of Foreign Affairs and Ministry of Ecology and Sustainable Development)
- Taking adequate action with respect to prevention of natural disasters and sustainable urban development
Objectives of the mission

- Analyse existing practices related to urban planning and risk prevention
- Inform Serbian stakeholders about EU and French regulations and practices
- Define the needs for each authority scale
- Identify medium /long term French support to Serbia
A combined mission of French public institutions

**Cerema** as national technical center competent on risks management, urban planning, mobility, environment

**Adetef** as international technical assistance operator competent on leading multiscale and multiactors projects
The Cerema in figures

- 3100 employees
- 220 international and local experts
- €250 M budget
- 180 annual publications
- 66 national expertise hubs
- 33 associated research teams
Some themes of excellence

**Risks**
Expertise for the prevention of natural and technological risks

**Energies and climate**
An involvement for sustainable energy and control energy consumption

**Infrastructures and mobility**
Safe and sustainable infrastructure for more efficient and environmental mobility

**Transport infrastructures**
Installation for railway tests

**Sea and coastal areas**
Maritime Spatial Planning and Integrated Coastal Management.

**Metropolisation**
An integrated approach for sustainable city involving a large panel of skills
Ministry of the Economy and Finance

Ministry of Industry

Ministry of Sustainable Development and Energy

Ministry of State Reform

International technical assistance agency

117 persons’ staff

About thousand civil service experts
Adetef offers expertise on national sustainable development strategies:

- Public policies on energy and raw materials
- Policies related to Climate Change mitigation and adaptation
- Environmental policies and governance
- National transports strategies
- Urban planning

Our strengths:
- Access to high-level expertise
- Varied expertise (public and private experts, partners and ministries)

International Partnerships:
- Eastern Europe
- Mediterranean region
- Sub-Saharan Africa
- Asia and South America
Mission program

Day 1
- Ministry of Transport, Infrastructure and civil engineering
- City of Belgrade and its technical agencies (Belgrad Vode, Investment and Housing Agency, Environmental Service)

Day 2
- Municipality of Obrenovac
- On-site visit

Day 3
- Republican Agency for Spatial Planning
- Ministry of Agriculture and Environmental Protection
- Ministry of Interior
- Urban Planning Institute of the City of Belgrade (URBEL)
Visit of Obrenovac
Main outcomes

Feedback on last past floods: at least flood marks, flood extends, maps of water depth

Flood hazards and risks maps, at the river basin scale (2d order) and at local and urban spatial plan scale
Main outcomes

Identification of strategic public buildings in case of crisis

Data structuring and sharing
Main outcomes

Awareness raising on risks for citizens

Strengthen of the environmental and urbanism police: enforcement of urban plans
Main outcomes

Economic efficiency of flood protection

Monitoring and evaluation: creation of indicators
Channels of cooperation (1)
Capacity building to implement Flood Directive

• 3 steps
  - 1. Preliminary flood risk assessment
  - 2. Flood hazard and flood risk maps in APSFR
  - 3. Flood risk management plan

• Focus
  - Work on the whole network (1st and 2nd orders of rivers)
  - Create indicators
  - Build national guidelines for each step
  - Integrate FRMP measures in urban planning
  - Role and efficiency of protection
Channels of cooperation (2)
Enforcement of sustainable cities

• Coordination with the common approach of European cities

• Focus
  - Implementation of decision-making and monitoring tools as the Reference framework for European sustainable cities (RFSC) to reinforce planning documents
  - Joining networks of cities (Aalborg Charter)
  - Establish long-term action plans (Local Agendas 21)
Channels of cooperation (3)
A PAPI for Obrenovac (local flood prevention action plan)

• 7 work axes:
  - Knowledge and consciousness
  - Observation, forecast and information
  - Alert and crisis management
  - Spatial planning
  - Reduction of spatial vulnerability
  - Slowing down the flows
  - Defenses management

• Focus:
  - Economic analysis
  - Live with the risk: preparation, organization, resilience
Channels of cooperation (4)
Focused short term missions

• Experience sharing and Study visits in France/ Serbia
• Some ideas:
  - Costs-benefits analysis
  - Data structuring and data sharing
  - Development of sustainable and risks indicators
  - Flood prone areas for upstream basin
  - Topographic data (LIDAR)
  - Post-disasters feedback methodologies
  - Trainings in creating national handbooks
  - Risks integration in urban planning
  - ... And your needs!
Thank you for your attention!

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