"DG REGIO: Funding mobile assets under transport and decarbonisation objectives"

Bus fleet renewal through deployment of clean and efficient vehicles
27 June 2018
European Structural and Investment Funds: 350 b€ for regional development and fostering cohesion

Focused on 11 Thematic objectives reflecting the three pillars of the Europe 2020 Strategy for Smart, Sustainable and Inclusive Growth

1. Research and Innovation
2. Information and Communication technologies
3. Competitiveness of SMEs
4. Low-carbon economy
5. Combating climate change
6. Environment and resource efficiency
7. Sustainable transport
8. Employment and Mobility
9. Social inclusion
10. Better education, training
11. Better public administration
2014-2020: CF/ERDF support for "clean urban transport infrastructure and promotion"

- **Thematic Objective 7: "Sustainable transport"**: Promoting sustainable transport and removing bottlenecks in key network infrastructures by
  
  - Supporting a multimodal Single European Transport Area by investing in TEN-T;
  
  - Enhancing regional mobility by connecting secondary and tertiary nodes to TEN-T;
  
  - Environment-friendly and low-carbon transport systems, ... promot[ing] sustainable regional and local mobility;
  
  - Interoperable railway systems.

- **Thematic Objective 4: "low-carbon economy"**: Supporting a shift towards a low-carbon economy in all sectors by
  
  - Promoting low-carbon strategies for all types of territories, ... including the promotion of sustainable multimodal urban mobility
Some facts and figures:

Total CF/ERDF budget: EUR 262 billion

For transport: EUR 70 billion (27%)

For "clean urban transport": EUR 12.4 billion (18%)

148 Programmes, including

123 OP in 24 MS (all but NL, FI, DK, IE)

25 ETC programmes
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Road</td>
<td>42.6</td>
<td>30.0</td>
</tr>
<tr>
<td>Rail</td>
<td>23.1</td>
<td>18.7</td>
</tr>
<tr>
<td>transfer from Cohesion Fund to Connecting Europe Facility</td>
<td>(11.3)</td>
<td></td>
</tr>
<tr>
<td>Seaports</td>
<td>3.1</td>
<td>2.0</td>
</tr>
<tr>
<td>Airports</td>
<td>1.6</td>
<td>0.4</td>
</tr>
<tr>
<td>Cycling/walking</td>
<td>0.7</td>
<td>1.5</td>
</tr>
<tr>
<td>Inland waterways</td>
<td>0.4</td>
<td>0.8</td>
</tr>
<tr>
<td><strong>Urban transport</strong></td>
<td><strong>8.1</strong></td>
<td><strong>12.4</strong></td>
</tr>
<tr>
<td>ITS</td>
<td>1.0</td>
<td>2.1</td>
</tr>
<tr>
<td>Multi-modal transport</td>
<td>1.8</td>
<td>2.2</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>82.5</strong></td>
<td><strong>70.1 (81.4)</strong></td>
</tr>
</tbody>
</table>
123 Operation programmes

24 MS (all but NL, DK, FI, IE)
25 ETC programmes
(Cross-border and transnational)

+ URBACT, INTERREG EUROPE
+ Urban Innovative Actions
Commission proposal post-2020

Total CF/ERDF budget: EUR 262 billion (current prices)

- **Smarter Europe**, through innovation, digitisation, economic transformation and support to small and medium-sized businesses
- **a Greener, carbon free Europe**, implementing the Paris Agreement and investing in energy transition, renewables and the fight against climate change
- **a more Connected Europe**, with strategic transport and digital networks
- **a more Social Europe**, delivering on the European Pillar of Social Rights and supporting quality employment, education, skills, social inclusion and equal access to healthcare
- **a Europe closer to citizens**, by supporting locally-led development strategies and sustainable urban development across the EU.

Article 2

Specific objectives for the ERDF and the Cohesion Fund

1. In accordance with the policy objectives set out in Article [4(1)] of Regulation (EU) 2018/xxxx[new CPR], the ERDF shall support the following specific objectives:

[...]

(c) 'a more connected Europe by enhancing mobility and regional ICT connectivity' ('PO 3') by:

(i) enhancing digital connectivity;

(ii) developing a sustainable, climate resilient, intelligent, secure and intermodal TEN-T;

(iii) developing sustainable, climate resilient, intelligent and intermodal national, regional and local mobility, including improved access to TEN-T and cross-border mobility;

(iv) promoting sustainable multimodal urban mobility;
Success factors for clean bus procurement

Strategic context and integrated approach

Comprehensive urban development strategy

Sustainable urban mobility policy (SUMP's)

Plan for the development of public transport

Bus procurement
From isolated investments ...

- OP Energy Environment
  - Recycling schemes
  - Retrofitting buildings
  - Awareness raising campaigns

- OP Regional Development
  - Public spaces
  - Green spaces
  - Cycle routes

- OP Transport
  - Public transport facilities

- OP Employment and Human Res
  - Trainings
  - Social work
  - Community building
  - Local employment schemes

- Community spaces
- Schools
- Social housing
...to funding integrated strategies

Municipality elaborates integrated strategy (and selects projects)

Part of risks eliminated:
- Availability, amount
- Timing

Integrated Territorial / Urban Development Strategy

OP Energy Environment
OP Regional Development
OP Transport
OP Employment and Human Res
Success factor: knowing the market

**Fossil Fuels**
- Diesel
- Natural gas
- Liquid petroleum gas
  - **EURO VI**
  - **CNG**
  - **LNG**

**Biofuels**
- Biodiesel
- Bioethanol
  - 1st generation: FAME
  - 2nd generation: HVO
  - Bio methane/Landfill liquefied methane

**Electricity**
- Electric buses
- Trolley buses

**Hydrogen**
- Full cell without battery
- Hybrid hydrogen/electricity
  - Hydrogen internal combustion

**Hybrid**
- Parallel ICE/electricity hybrid
- Serial hybrid configuration with dominating electricity
Success factor: knowing needs and circumstances
More Information

For info or further questions on this seminar and the activities of the JASPERS Networking Platform, please contact the JASPERS Networking and Competence Centre at the following email:

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JASPERS Website: jaspers.eib.org