EBRD in Romania

Strategic projects supporting urban development and sustainable urban mobility

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In the Context of the Memorandum of Understanding signed between the Romanian Government and each IFI, in order to improve the absorption capacity and prepare the strategic projects for EU 2014-2020 programmes, EBRD provides support for the following sectors:

- Urban transport
- Energy efficiency in public and residential buildings
- Water and waste water

The main strategic projects for Urban transport are:

- Support for the preparation of the ROP 2014-2020 (Strengthening the Government of Romania’s administrative capacity in strategy formulation and project planning, design and implementation in urban transport sector)
- Prepare a standard model for Public Service Contract
- Prepare 8 Sustainable Urban Mobility Plans
EBRD Project for Preparation of EU-Compliant Public Service Contract for the Romanian Cities

EBRD contract with the Ministry of Regional Development and Public Administration (MRDPA) - finalized in 2014, with the following outputs:

- Recommendations on the national legislative and institutional framework;
- Recommendations on the specific investment needs for improving the urban transport in Romania
- Public Service Contract template and guidelines for public and private transport operators, for applying the EC Regulation 1370/2007 which entered into force in December 2009 but still not fully applied in Romania
- Model of PSC and transport strategy prepared for a pilot city – Galati
- Seminars and training sessions organized for the administration, cities, operators

PSC - Conditionality within the EU Regional Operational Programme 2014-2020 for financing rolling stocks; model published on the site of the MRDPA;

The growth poles policy in Romania has been initiated in 2008, as a means to support a balanced economic development of the country, while still targeting investments to maximize economic impact.

A total of seven growth poles have been designated and are currently supported as such, via an integrated development plan designed for each. They are the largest economic and population centers within each respective region beyond Bucharest. It is also based on the fundamental recognition that cities are critical engines for a country’s economic growth.

The 8 largest cities of Romania and about 160 localities around covering more than 5 mil inhabitants (more the 25% of the population)
Beneficiaries: Bucharest – Ilfov region

- Capital City, County Council and 40 localities- Association of the local authorities – Transport Authority
- Underground operator – METROREX
- RATB – Bucharest public operator
- Private operators - county level
## Key Stakeholders

### Beneficiaries and expert teams

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<th>MRDPA</th>
<th>DG REGIO</th>
<th>DG MOVE</th>
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<td>Steering Committee</td>
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| JASPERS | | |
|---------| | |
| Brasov, Constanta | Craiova, Iasi, Ploiesti | Bucharest – Ilfov |
| WSP / United Kingdom, WSP Romania SRL / Romania, Panteia / Netherlands, Rupprecht Consult Forschung & Beratung GmbH / Germany, AV Transport Planning SRL / Romania | PTV Transport Consult GmbH – Germany, Transport Technologie-Consult Karlsruhe GmbH (TKK) – Germany, PTV Planung Transport Verkehr AG – Germany, SEARCH CORPORATION SRL - Romania | ROM Transportation Engineering Ltd (Israel), Avensa Consulting Ltd (Romania), Subcontracting - GDZ Suez (Romania, Tractebel) |

| EXPERTS: | | |
|----------| | |

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<th>MT</th>
<th>RDA</th>
<th>Local authorities</th>
<th>Citizens</th>
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<td>Working groups</td>
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<td>Steering committee at GP level</td>
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Strategic Planning Tool

Methodology for development of the mobility strategy and projects appraisal and prioritization

• Vision
• Strategic Objectives
• Operational Objectives
• Measures / Projects
• Transport model
• Consultation
• Implementation

An efficient, integrated, sustainable and safe, transportation system, designed to promote socially inclusive economic development.
1. **ACCESSIBILITY** - Ensure all citizens are offered transport options that enable access to key destinations and services;

2. **SAFETY AND SECURITY**

3. **ENVIRONMENT** - Reduce air and noise pollution, greenhouse gas emissions and energy consumption;

4. **ECONOMIC EFFICIENCY** - Improve the efficiency and cost-effectiveness of the transportation of persons and goods;

5. **QUALITY OF URBAN ENVIRONMENT** Contribute to enhancing the attractiveness and quality of the urban environment and urban design for the benefits of citizens, the economy and society as a whole.
Strategic Planning Tool

Clear vision for development of all transport systems

- Pedestrian/Bike
- Parking
- Public transport
- Integrated traffic management
- E-ticketing
- Extend the public network
- Investment plan
- Consultation
Investment projects for extension of the underground network under preparation – to be financed under OPLI 2014-2020;

The network could be extended outside of Bucharest area.

The investment projects will be integrated with tram, trolley and bus public transport, as well as with the rail transport.

METROREX – metro operator under the Ministry of Transport.

Integrated e-ticketing is necessary.

The transport model will check all the proposed investment projects.
Support the access to Innovation centers (example)

MAGURELE – SMART CITY - European Projects - Extreme Light Infrastructure (ELI) will be the only European and International Centre for high-level research on ultra-high intensity laser, laser-matter interaction and secondary sources;

Its pulse peak power and briefness will go beyond the current state-of-the-art by several orders of magnitude. Because of its unique properties, this multidisciplinary facility will provide magnificent new opportunities to study the fundamental processes unfolded during light-matter interaction.

A large Innovation park is under development, next to ELI

It is located in the south – vest part of Bucharest

More then 12 000 high tech jobs will be created and more then 1000 foreign experts will work in Magurele
Public transport

- Romania has a long tradition in manufacturing all types transport vehicles needed for improving the mobility, starting from Electric Multiple Unit Trains and Locomotives, railway for freight and passenger, trams, etc.

- Pictures from the first electric tram in Iasi and the current products (tram and busses)

- Nevertheless the public transport decreased in terms of number of localities with public transport, length of the electric infrastructure and number of electric rolling stocks

- There is an urgent need for investments and planning

- SUMP implementation will ensure the strengthening of the transport authorities and of the public operators
Lessons learnt / Challenges

- Application of the European concepts of planning and management for sustainable and sustainable urban mobility to the specific conditions of major cities in Romania;

- Exchanging of information and good practice among the 8 cities, as well as disseminating experience and results to other cities at the end of the exercise; Standardization of the process, as much as possible

- Identifying the constraints in the current legal and institutional framework for public transport and general mobility and proposing solutions or modifications to it;

- Identify the unit responsible for the management and implementation of the SUMP

- Involve all the possible partners in the preparation and implementation of the plan, even it will take more time then initial estimation
Examples of good practices

- All the growth poles started to extend or rehabilitate their pedestrian area
- City center of Iasi – a high cultural, historic, educational and growth pole – with large pedestrian areas
- Increase the number of bike users – bike competitions
Some EBRD Urban Transport Projects:

- Brasov - Rolling Stock
- Arad - Rolling Stock, e-ticketing,
- Sibiu – Rolling Stock
- Galati – SUMP, infrastructure, trolley buses
- Pitesti – Busses

All the projects include assistance for reform
Aura Raducu
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