NEW APPROACHES FOR FINANCING OF SOPHISTICATED RAILWAY INVESTMENTS

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LENDING POLICY
RAIL & CLIMATE ACTION  FINANCING
PROJECT APPRAISAL
FINANCE TOOL KIT

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- Session 1A, Development and Management of Stations, Challenges and opportunities in financing sophisticated railway investments: the case of railway stations
Funding railways [mainline & urban] will continue to be a priority, as Rail is a sustainable transport solution per nature.

Efforts will be made to enhance lending to these sectors

Eligibility categories: TEN-T; economic and social cohesion; linking EU with neighbouring Countries; environment and climate change prevention / mitigation
EIB Transport Lending Policy
Some Additional Comments

- EIB Cost Benefit Analysis (CBA) takes account of externalities
  - CO² emissions are systematically computed
  - **Other external costs and benefits** can also be internalised in the CBA:
    - **Environmental**: Energy Efficiency Balance Sheet, noise, congestion, overcrowding
    - **Social**: insertion in the urban context, social mixity improvement,
    - **Technical**: intermodality + interchange improvements

- Railway projects can take a variety of forms:
  - Rehabilitation or upgrading of **existing rail infrastructure** including stations, electrification, re-signalling…
  - **Freight facilities**, including intermodal terminals
  - New lines, including **High-Speed Rail**
  - **Rolling Stock** – both conventional and High-Speed, both freight and passengers, both for incumbent operators and new entrants
Key figures 2010-2014

- Total Rail Financing: €36.6bn
  - EU: Railways Mainlines and Rolling stock: €19.8bn
  - Urban Rail: €16.8bn
  - MED Partners countries: €1.5bn (Total Partner countries: €7.7bn)

Stations Financing: some key projects

- As part of an urban development scheme
  Prague Main Station; Budapest-Keleti Station and its interchange with Metro line 4;
  Madrid Chamartin and Atocha Terminal Stations and their tunnel interlink; London Cross-Rail; Transport for London (Victoria Interchange) etc.

- As part of a railway network
  Warsaw-Gdansk & Krakow-Rzeszow corridors; Prag-Linz & Prag-Pilzen-Nurnberg corridors;
  New HSLs such as those in France (Tours-Bordeaux; Bretagne-Pays de Loire; Nîmes-Montpellier)
Climate Action Financing

- **2010-2014**: Over €90bn
- **Wide range of Financial Products**
  - Debt and Debt funds: (Debt for Energy Efficiency Fund) «DEEPGreen»
  - Multilayered Risk Funds: Green Global Partnership Fund
  - Investment Funds: GEEREF; Green Growth; GGFund
- **Technical Assistance Facilities and Financing Facilities**
  - ELENA Facility, Natural Capital Funding Facility
  - SE4All, REPP, etc

Capital Market Activities: developing the «Green Bonds» market

- Largest «Climate Awareness Bond» issuer (€8bn on a total market volume of $44bn)
- Member of the «Green Bond Principles» Coalition

Benchmarking and Inducing transparency

- IDFC (International Development Finance Club) = harmonising concepts & methodologies
- Climate & Clean Air Coalition: harmonising project appraisal principles
EIB Project Appraisal Approach

- Evaluate the project as part of its network & economic environment

- Check the quality of the project & sector gouvernances
  - If the project is part of a wider context, check if a regional governance exists

- If the project is part of a wider project (i.e. Rail Station part of an urban regeneration project), check the existence of an «integrating agency»

- If the project is organised as a PPP or PFI scheme, check:
  - The public governance and the performance indicators
  - The sustainability of the risk sharing between the parties
  - The sustainability of the financial arrangement and of the shareholder’s pact for the SPV
A wide and flexible portfolio of financing instruments for TEN projects

- **Standard Loans**
  - “Traditional” EIB lending instrument
  - Guaranteed basis
  - Represents the bulk of EIB’s lending volumes

- **Structured Finance Facility (SFF)**
  - Established in 2001
  - Expands the ability of EIB to provide financing
  - Allows lending to projects with higher risk (PPP’s)
  - Allows for more flexible financing solutions

**Financing Instruments**

- **Direct Loans**
- **Intermediated Loans**
- **(PPP) Project finance with direct project risk**
- **Mezzanine PBCE / LGTT**
- **Equity through Funds**

**Flowchart:***

- **Banks**
- **Public or Private Sector**
- **Project SPV**
HSL-SEA (Tours-Bordeaux France)
Concession with traffic risk

- Total project costs €8.5bn of which €5.6bn private sector finance
  - €3.1bn of bank finance, of which €1.2bn provided by EIB
  - €775m of equity finance, of which €390m provided by EIB

- The French State guaranteeing 80% of the senior debt

- 9 commercial banks alongside EIB & CDC to provide funding

- EIB financing comprises the following products:
  - **Risk-sharing instruments**
    - €200m: SFF project finance (completion + traffic risks) = 40 years
    - €200m: LGTT guarantee for supplementary bridge finance during the range-up period = 5 years at completion of civil works
  
  - **Secured loans split into**
    - €400m: Senior debt, fully backed by a French State guarantee = 40 years
    - €387.5m: Equity Bridge Loan, fully guaranteed by securities = 10 years

  - Indirect EIB equity participation through Meridiam (€140m)
HSL-BPL (Bretagne-Pays de Loire – France)

PPP with availability risk

- Total cost: €3,012m
- Public sector contribution: €1,851m (61.5%)
- Equity: €129m + bank finance: €1,840m

**Financing: 1st phase**
- Commercial LT Facility: €223m (25 years)
- Commercial MT Facility: €808m (6 years)

**Financing: 2nd phase**
Long term Refinancing of commercial MT Facility by:
- EIB Facility: €553m (25 years)
- CDC Facility: €255m (19 years)

**EIB Long Term refinancing of Region Bretagne:**
€300m
The «Project Bonds» Concept

EIB Sub-debt participation can be combined with different types funding sources (bonds and other senior loans)

EIB Unfunded Sub-debt participation can be flexibly used and structured in order to ensure target rating

- Covers funding shortfalls during construction
- Comes on top of a fully funded structure
- Revolving capacity, available until the end of the project
EIB lending for mainline and urban rail represented more than half of EIB transport lending in 2010-2014: €36.6/€62.7 billion

Rail financing is a top priority – but projects must be sound

Several EIB financing options: Senior debt, Junior debt, risk sharing instruments (Structured Finance, Credit enhancement, guarantees)

Now, within the Union: Investment Plan for Europe with EFSI guarantees

EIB’s involvement is catalytic over private finance
Trans-European Networks

The EU’s Trans-European Networks (TENs) policy links regional and national infrastructure to create coherent European systems. This includes both interconnection and interoperability, mainly for transport and energy, but also ICT. This policy promotes:

- Economic and social integration
- Free movement of people, goods and services
- Development in less favoured regions
- Limiting environmental impacts
- Contacts with neighbouring countries
- Competitive energy production and supply
- Renewable energy production
- Efficient and secure energy supply

**Special funding conditions**

Generally we lend less than our upper limit of 50% of the project cost, but this can rise to 75% in exceptional circumstances. This complements wider EU funding and we also invest extensively in non-TEN transport and energy projects.

**Pan-European**

The EU is our main focus but TENs policy extends to the EU neighbours: Accession countries, the European Economic Area (Norway, Iceland and Liechtenstein), the Balkans, the Mediterranean Partner Countries and the Eastern Neighbourhood.