EUROPEAN INVESTMENT BANK
Infrastructure Financing and Improvement of Road Safety

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CEDR-DIRCAIBEA
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Overview

- Who we are and what we do
- European experience
- EIB’s approach to road safety
- EIB financing
Who we are and what we do

- The European Union's bank
- Founded in 1958 by the Treaty of Rome
- Working with other EU institutions to implement EU policies
- Triple-A rating
- Provide finance and expertise for eligible projects
- Annual lending volume: 76 billion EUR (2016)
Who we are and what we do

76 billion EUR:
- 90% within the EU
- 10% non-EU
- 20% for transport
Who we are and what we do

- Transferring financial advantage to projects complying with EU and national policies
- Projects must be bankable and comply with strict economic, technical, environmental, social and road safety requirements
- In-house technical expertise
European experience

- Road accidents can be prevented and should not be accepted
- Average fatality rate per million inhabitants: 50 (2015)
- EU’s national road authorities are at the forefront of road safety – nationally as well as internationally
- Spain has demonstrated major progress within a decade
- EU best practice needs to be implemented worldwide

Source: EC/DG MOVE/Road Safety
European experience

- Effective **separation** of road users (high speeds)
- Safe **integration** of road users (speed management)
European experience

- The EIB is well positioned to finance and export best practice
- Joint statement with other multi-lateral development banks in support of UN sustainable development goals:
- Reduce fatalities and injuries by 50% from 2010-2020

Source: WHO, 2015
EIB’s approach to road safety

1. Implement the directives on road infrastructure and tunnel safety
   **2008/96/EC** and **2004/54/EC**
2. Mainstream road safety in EIB road infrastructure operations
   **EIB Road Safety Guidelines**
3. Scale up lending, blending and advising in support of road safety
   **EIB Road Safety Action Plan**
EIB’s approach to road safety

Directive **2008/96/EC** on road safety management

Directive **2004/54/EC** on tunnel safety
EIB’s approach to road safety

- Road Safety Impact Assessment (RSIA)
- Road Safety Audit (RSA)
- Road Safety Inspection (RSI)
- Road Accident Data Management
- Road safety ranking and management of roads

Pro-active (Prevention)

New construction and rehabilitation (EIB relevant)

Existing roads

Re-active (Cure)
Examples

Attention to road safety during design and construction

Lack of facilities for pedestrians

Left turns/U-turns on motorways
Examples

Attention to road safety during design and construction

Zebra crossing - across 6 lanes

Narrow emergency lane
Safety requirements

- Road Safety Audits (RSA)
  - Draft design
  - Detailed design
  - Before completion
  - During early operation

- Design, supervision and contractor’s teams must include a competent person responsible for road safety matters
EIB financing

**Lending**

Financing of projects and programmes with sufficient volume
- 60+ m EUR within EU
- 30+ m EUR outside EU
- Framework Loans with multiple schemes.

**Blending**

- Co-financing and cooperation with other IFIs
- Opportunities for grants for TA and soft components, for example
- Latin American Investment Facility (LAIF)
EIB financing – general requirements

- Must be project-linked
- Must include fixed asset components
- EIB can finance max. 50% of total project cost
EIB financing – general requirements

• Projects must be economically justified
• Technically viable
• Environmentally sound
• Financially sustainable
• Appropriate procurement procedures
EIB financing – benefits

- Large amounts
- Broad range of currencies
- Long maturities - up to 25 years and tailor-made grace periods
- Attractive interest rates
- Low fees
## EIB road safety projects - *examples*

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When digital meets infrastructure

- Revolutionary impact on the efficient use of infrastructure
- New technology sensors provide new types of information
- Information & Communication Technology (ICT) networks enable ever-present, real time data access and sharing
- Cloud and Big Data technology enable massive information to be stored and processed
- The EIB is ready to support...