

Road Safety 2020+

EIB Best Practice Project Preparation and Implementation



**European
Investment
Bank**

The EU bank



improve lives.
together.

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Overview

- Who we are and what we do
- Best practice – the EIB's experience
- EIB's approach to road safety
- Examples
- Beyond 2020

Who we are and what we do

The EIB: the EU bank



- ▶ Natural financing partner for the EU institutions since 1958
- ▶ Around 90% of lending is within the EU
- ▶ Shareholders: 28 EU Member States

**Investing in
Europe's growth**

Who we are and what we do

The EIB at a glance

- ▶ Largest multilateral lender and borrower in the world
 - ▶ We raise our funds on the international capital markets
 - ▶ We pass on favourable borrowing conditions to clients
- ▶ Some 450 projects each year in over 160 countries
- ▶ Headquartered in Luxembourg with 40 local offices
- ▶ Around 3 000 staff:
 - ▶ Not only finance professionals, but also engineers, sector economists and socio-environmental experts
 - ▶ 60 years of experience in financing projects

Who we are and what we do

Our priorities

Environment



EUR



16.7bn

Infrastructure



EUR



18bn

Innovation



EUR



13.8bn

SMEs



EUR



29.6bn

Who we are and what we do

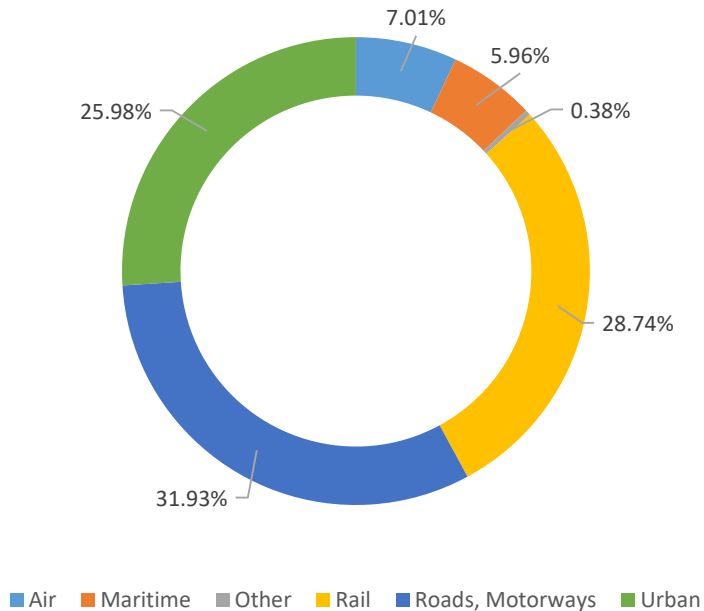
- Transferring financial advantage to bankable projects complying with EU and national policies
- Requirements:
 - economic
 - financial
 - technical
 - environmental
 - social.
- In-house technical expertise to check eligibility and support project development.



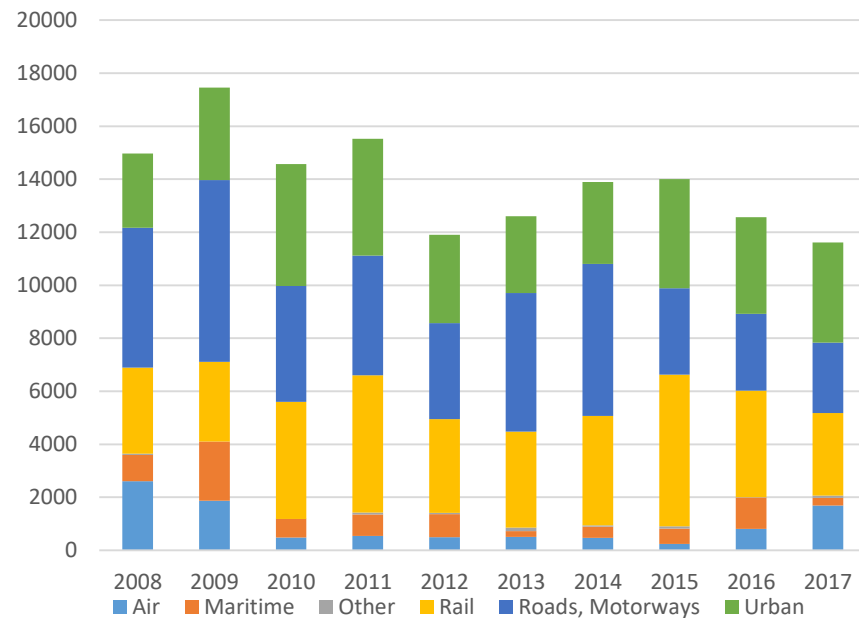
Who we are and what we do

Transport sector lending

Transport operations signed (2008-2017)



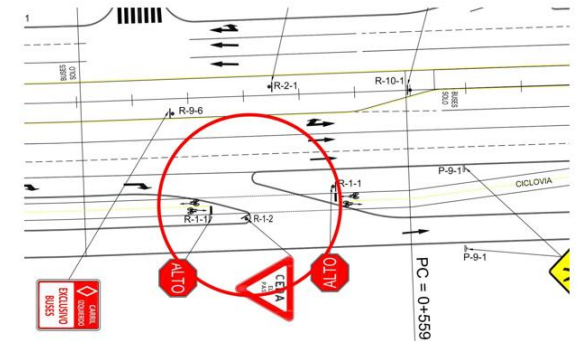
Total EIB transport lending (2008-2017)



Best practice - the EIB's experience

DIRECTIVE 2008/96/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL
of 19 November 2008
on road infrastructure safety management

- **Directive 2008/96/EC** on Road Infrastructure Safety Management contains good examples of best practice:
 - Road safety impact assessment
 - Road safety audits
 - Road safety inspections
 - Safety management
 - Data management
- **Road Safety Audits** remains the single most important tool for the EIB to ensure attention to safety in road investments.



Best practice - the EIB's experience

- **Road Safety Audits** needs to be followed up during
 - Draft design
 - Detailed design
 - Before completion
 - During early operation.
- **Transparent decision-making** on RSA recommendations by the competent authority.
- **Persons responsible for road safety** in design, supervision and contractor's teams.



Best practice - the EIB's experience

- Safer road design: **We know what works.**
- Main lesson learned: **Road function ⇔ speed management.**

➤ Effective separation of road



➤ Safe integration of road



Best practice - the EIB's experience

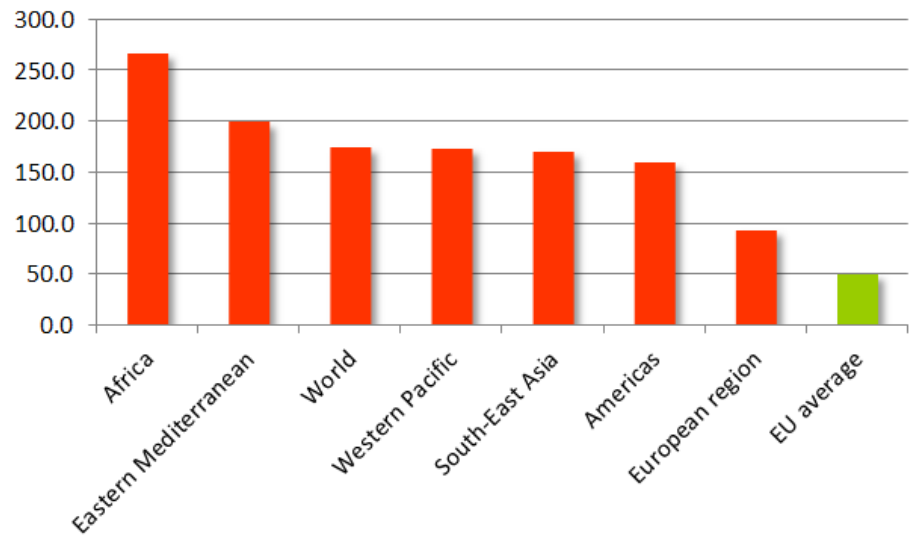
Room for improvement:

- **Reluctance** to apply the principles of the RISM Directive outside TEN T.
- **Unexpected interpretations** of the RISM Directive in some countries.
- **Best practice for road design** not fully streamlined in national design standards – a matter for safety specialists.
- **Lack of demand** for dedicated road safety investments.



Best practice - the EIB's experience

- EU at the forefront of road safety
- EU responsibility to export best practice to the world at large



Average fatalities/million population in WHO regions

EIB's approach to road safety

- EIB is well positioned to finance and export best practice
- Can finance large road safety projects and programmes
- Can lever safety on road projects in general
- Can provide and manage TA for development of new projects
- *Consider the needs of all road users in road projects*



EIB's approach to road safety

- **Directive 2008/96/EC and 2004/54/EC**

We apply the directives on TEN T projects.

- **EIB Transport Policy**

We use the principles of directive 2008/96/EC on road projects outside the EU.

- **EIB Road Safety Guidelines**

We mainstream road safety and good practice on projects on all roads - *where possible*.

- **EIB Road Safety Action Plan**

We strive to scale up lending, blending and advising in support of road safety



EIB's approach to road safety

Lending within the EU

Financing of projects and programmes with sufficient volume

- EUR 25 million capital investment +
- Framework Loans with multiple schemes.

Lending, blending and advising outside the EU

- Co-financing and cooperation with other IFIs
- Opportunities for grants for TA and soft components, such as
- Better design standards, RSA procedures, awareness and training.

Examples: EIB financing to raise standards

- Road Safety Audits in line with 2008/96/EC
- Crash barriers to meet new EU standards
- Rehabilitation of tunnels to meet 2004/54/EC standards



Examples: Large safety programme in Greece

- Greece Road Rehabilitation and Safety Programme
- EUR 470 million for short-term investments at 7000 blackspots/sections
- Aimed at harmonisation with Directive 2008/96/EC
- Part of action plan for road safety on national and regional roads



Examples: Urban road safety

- Ukraine Urban Road Safety Project (Framework Loan)
- EUR 177 million for road safety improvements in five major cities
- Blackspot removal, facilities for pedestrians and cyclists, better access to public transport, IT traffic management solutions

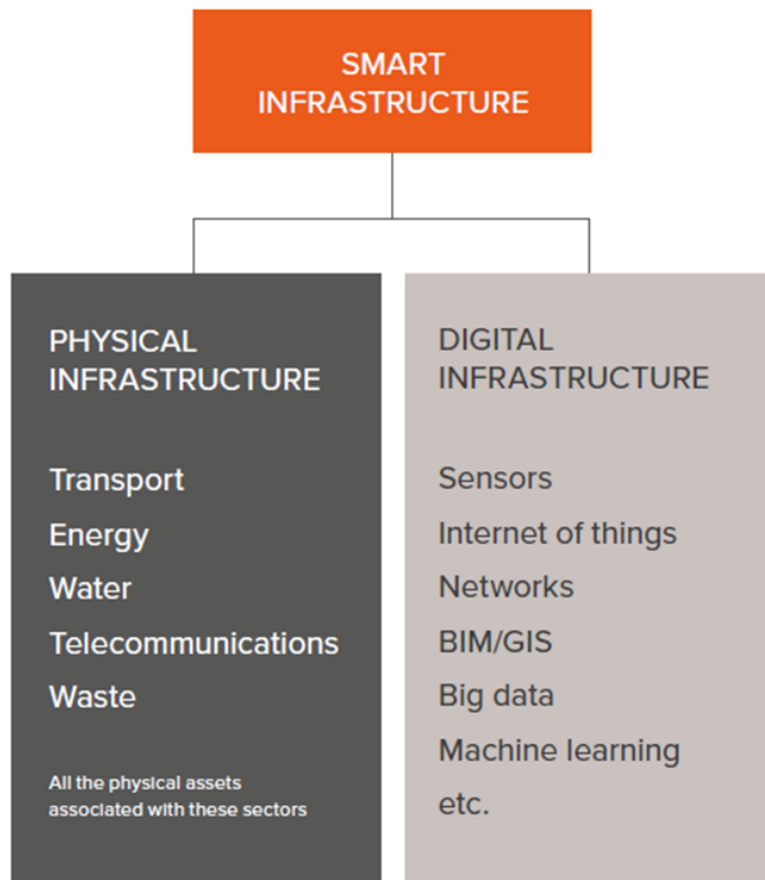


Beyond 2020: The development of ITS

- EIB presently finance R&D projects on active and passive vehicle safety systems (Volvo Cars and Fiat Chrysler Automobiles)
- In future: Suppliers, tele companies, ICT companies, municipalities may also have to come forward and form joint ventures.



Beyond 2020: The development of ITS



The EIB can finance:

- ▶ R&D projects in the area of Connected and Automated vehicles.
- ▶ Development and deployment of pilot projects.
- ▶ Deployment of ICT infrastructure.
- ▶ Preparation of physical infrastructure i.e. roads with specific markings and equipment.
- ▶ Retrofitting of vehicles to meet higher safety standards.

Beyond 2020: Next steps

- **EIB Safe and Secure Transport Strategy**

To be prepared during 2019

- **EU Strategic Action Plan on Road Safety**

The EIB can support the following areas:

(2) Stronger financial support;

(3) Safer roads and roadsides;

(4) Safer vehicles;

(7) Future-proofing road safety (safety for all road users);

(8) The EU's global role: exporting road safety.

Thank you!

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