



**European
Investment
Bank**

The EU bank

A circle of twelve blue stars, arranged in a ring, is positioned to the right of the text 'The EU bank'. The stars are of varying sizes and are slightly offset from a perfect circle, giving it a hand-drawn or informal appearance.

Casablanca, 25th – 27th June 2019

7th Mediterranean Ports & Shipping 2019

EIB Lending in the Maritime Sector

Projects Directorate

Fernando Camaño Garcia

The EIB: the EU Bank



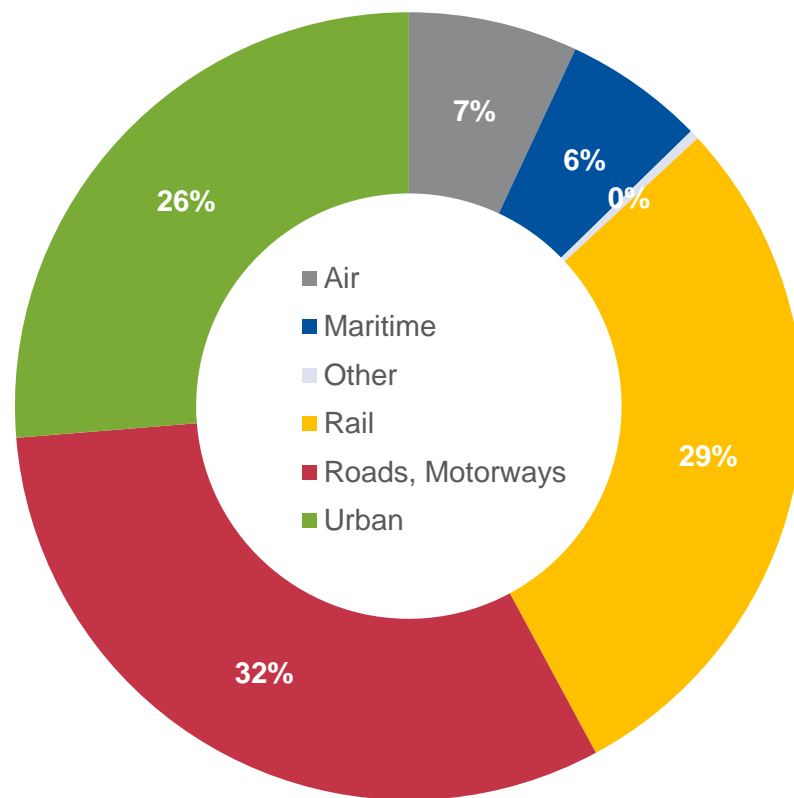
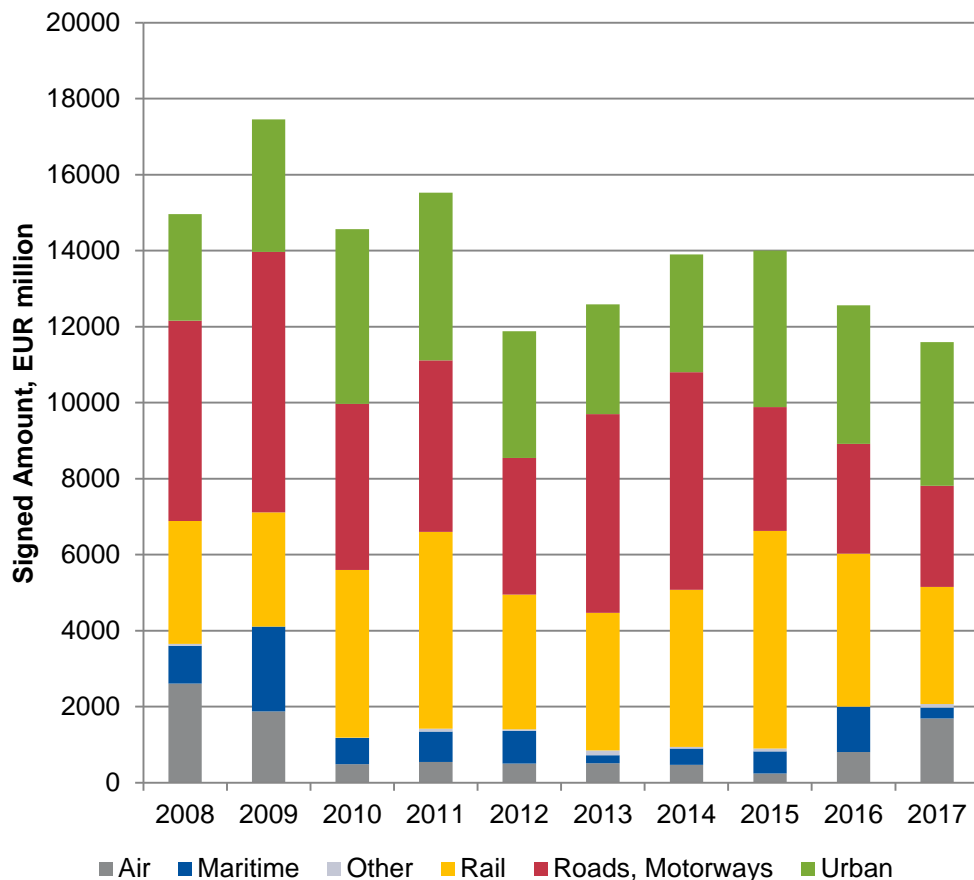
- Natural financing partner for the EU institutions since 1958
- Shareholders: 28 EU Member States

**Investing in
Europe's growth**

EIB lending to transport sector

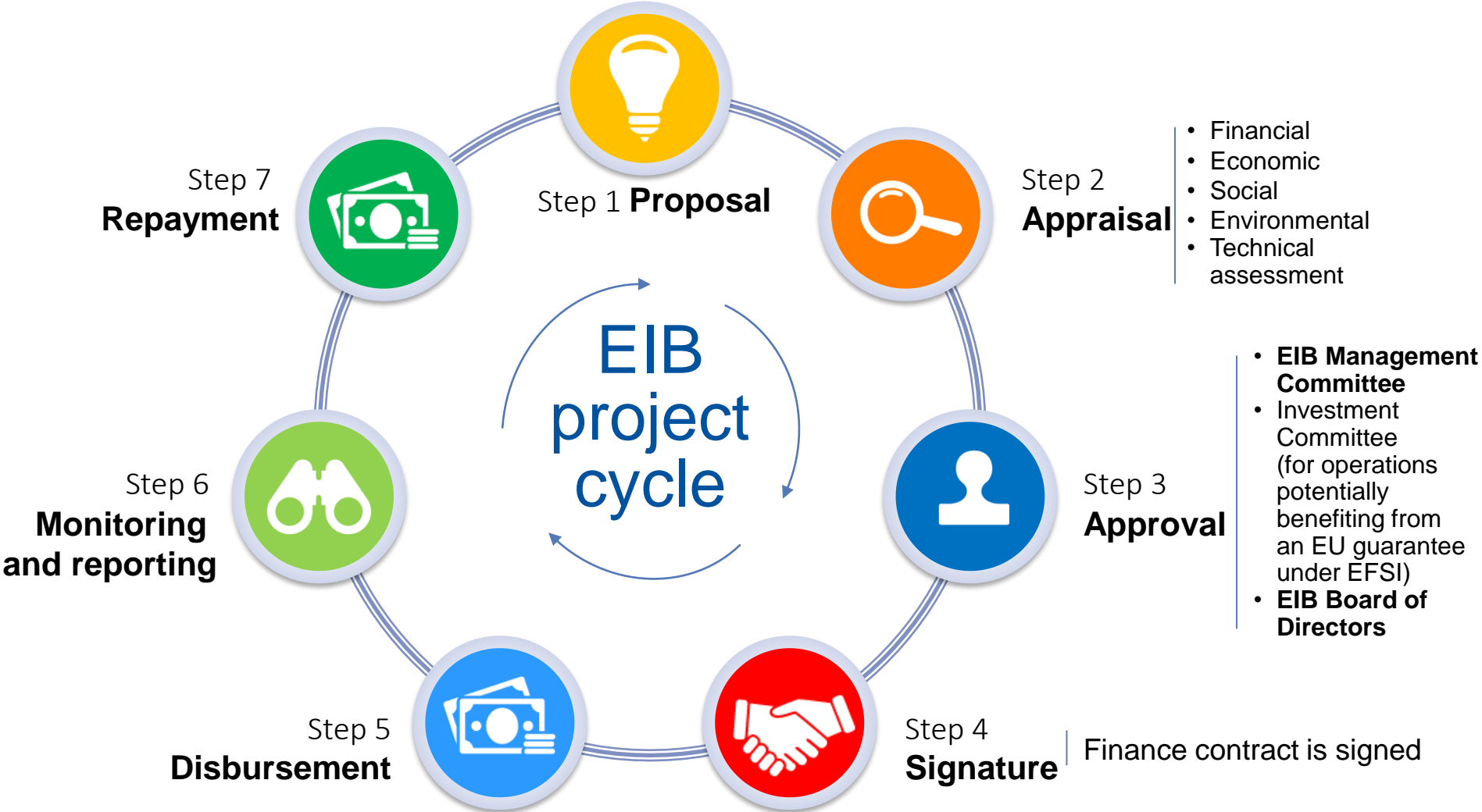
Global 2008-2017

Total EIB Transport Lending (2008-2017)



EIB project cycle

We support sound and sustainable projects



EIB Transport Lending Policy

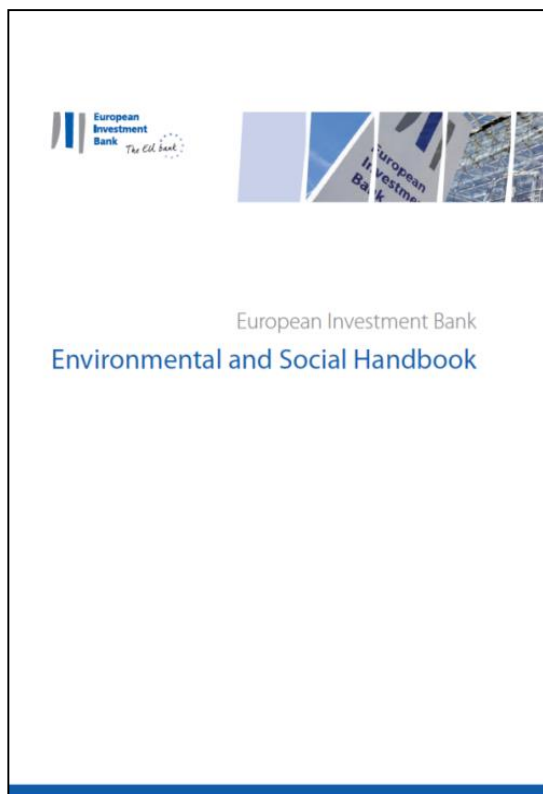
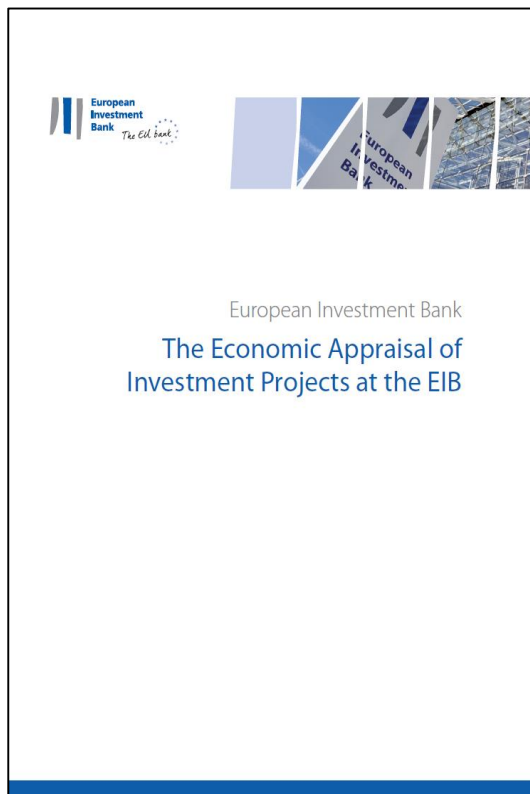
*“The transport lending strategy must ensure that the Bank continues its **effective intervention in favour of key EU growth policies while responding to environmental and climate change policy.**”*



- EU and EIB policy context:
 - Environmental improvement
 - Regional development
 - Knowledge economy
 - Trans-European networks and extension to Neighbouring countries
- General and specific sub-sector appraisal aspects
- Prioritise technologies and infrastructures facilitating a more efficient and sustainable European transport system with
 - a further use of **renewable sources**;
 - contributing to **reducing oil dependency**;
 - **enhancing competitiveness** of the European and Neighbouring countries economy and industry.
- Transport sectors:
 - Land transport
 - Waterborne transport
 - Civil aviation

EIB Project Eligibility and Quality

- Technical, social, environmental, economic and financial



Alignment with EU priority objectives and with the EIB Transport Lending Policy

- **Trans-European Transport Networks (TEN-T) or other Priority Transport axes outside the EU**

Develop Trans-European Transport Networks (TEN ports) and major transport axes in Neighbouring Countries and other geographies.

- **Sustainable Transport**

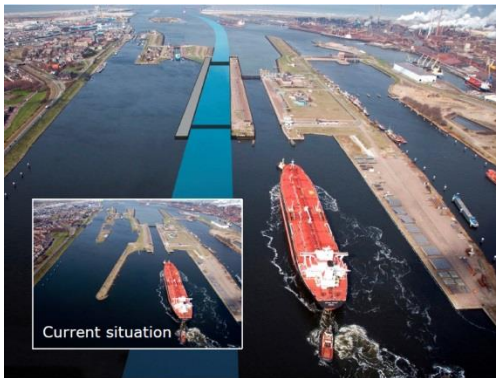
Foster modal shift from road to maritime/inland waterway/railway transport by:

- allowing maritime cargo to come closer to the final destination, thus reducing cargo onward journey by land transport modes
- facilitating the provision of a maritime alternative to road based-freight transport (motorways of the sea/ short-sea shipping);
- facilitating the connection between maritime and rail/waterway hinterland transport (multimodal terminals).

Reduce vessel emissions and improve their energy efficiency.

Eligible waterborne transport projects

- Existing ports - rehabilitation/expansion of common user infrastructure
 - Breakwater, access channel, maritime locks, capital dredging, navigation aids, quay walls, etc.
 - Environmental compliance components
 - LNG and other clean fuel bunkering infrastructure
- Development of new terminals
 - Basic terminal infrastructure by a port authority
 - Superstructure and equipment by a terminal operator
- Development of new ports



Eligible waterborne transport projects

- Inland Waterways projects
 - Locks, capital dredging, quay walls, etc.
- Improvement of hinterland transport connections
- New vessels, retrofitting and vessel R&D
 - EU flagged and operating on routes originating or ending in a EU country
 - Vessels operating on SSS routes aimed at modal shift
 - Replacement of older, less energy efficient or more polluting vessels
 - Retrofitting: scrubbers, LNG engines
- Climate Adaptation projects



Critical issues during appraisal

- Satisfactory **economic and/or financial returns**.
- Consistent with the development of the **hinterland infrastructures** needed for connecting the port with wider transport infrastructure networks (railways, motorways and/or inland water transport).
- Framed in a **long term national transport strategy** coherent with **EU objectives**.
- Aligned with European **environmental legislation**.
- **Climate resilient** through appropriate design and operating measures.
- Respect of the principles of the EU Treaty and international best practice are applied when **selecting a concessionaire or a contractor**.

Project example – Public Authority Port de Marseille

- Redevelopment of the Grand Port of Marseille, including construction of a new quay, demolition and extension of breakwaters, reorganization of ferry terminals, landside development and removal and refurbishment of bunkering facilities.
- Purpose – improves maritime access to the Old Port; increases the capacity and efficiency of the container terminal and related logistic areas in Fos Port; improves the quality, safety and security of the short sea ferry services for the users.



Project example – Corporate CILSA Warehousing Expansion, Barcelona

- Development of several new logistic and warehousing facilities at the existing multi-modal freight complex (ZAL – Zona d'Activitats Logístiques) in the Southern part of the Port of Barcelona, Spain.
- The project will expand the availability of logistics space in a particularly well situated area and enable the development of an efficient logistic multi modal operation that will complement the port activities.
- Will generate economic benefits by saving transport time and costs for the users and by reducing the impacts of these logistic activities on the environment.
- EFSI loan.

Project: CILSA WAREHOUSING EXPANSION – Spain



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European Investment Bank. GraphicTeam 3629. Rino J. 88296. 10/2016

Project example – Project Finance Sealock IJmuiden (Amsterdam)

- Construction of 500mx70mx18m sea lock to improve access to port
 - But also form flood barrier to protect Northwest part of Netherlands
- Will allow more and bigger vessels to utilize lock – during all tides
- Procured as PPP:
 - Dutch Ministry of Infrastructure and Environment
 - Province of North Holland
 - Municipality of Amsterdam



Port efficiency and security (digitalization)

Traffic control and monitoring systems



Parking space management systems



- Truck platooning
- Energy management
- Intelligent lighting
- Video surveillance
- Big data applications

Advisory commission in Italy to help maximize the use of port, freight village, rail terminal, industrial district, trunk route infrastructure through digitalization to support the increase in freight traffic.

Vehicle (and container) location and condition monitoring systems



Automated Guided Vehicles (AGVs)



In case of any doubts:

<http://www.eib.org/>

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