



EIB's contribution to clean bus deployment

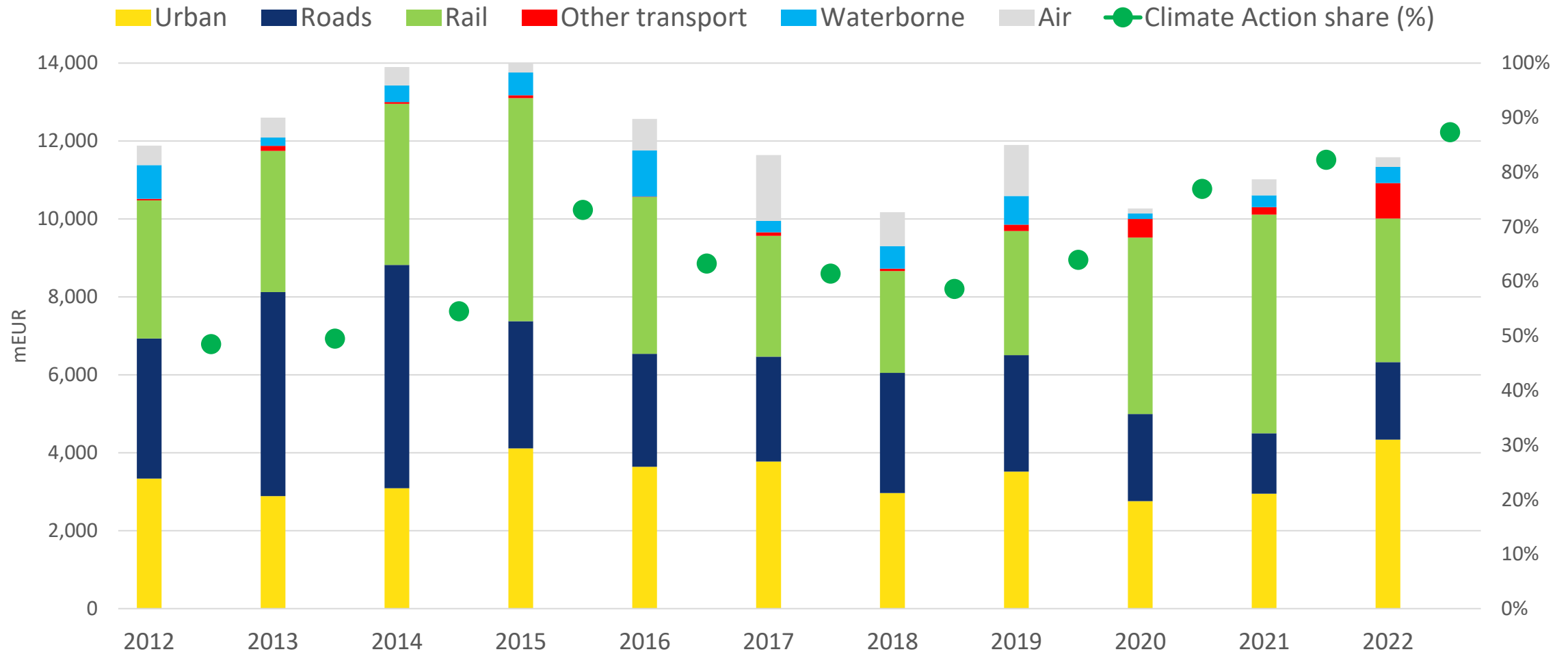


European
Investment Bank

All figures in this presentation are unaudited and provisional.


Transport lending & climate action 2012-2022

+2 EURbn for RDI
+2 EURbn for MBILs




Cleaner Transport Facility (CTF)

- Launched by EIB/EC in December 2016
- Support the **accelerated deployment** of new cleaner transport technology
- Full range of **available tools (financial/advisory)** from EIB and EC



Cleaner Transport Facility:
Supporting the deployment of cleaner transport

The alternative fuels and cleaner transport sector is gradually moving towards large-scale deployment across the EU. The European Investment Bank (EIB) is supporting this shift. The Cleaner Transport Facility (CTF) is a new initiative launched in December 2016 by the EIB and European Commission (EC) to assist investments, by both public and private entities, in cleaner transport projects through existing EIB products and new financial instruments



The objective of the CTF is to support the accelerated deployment of cleaner transport vehicles and help meet their associated infrastructure needs. The CTF is an umbrella that deploys the EIB's technical and financial capacity to adapt to specific market needs in order to explore viable business models and boost opportunities to finance cleaner transport. The first projects were investments in cleaner public transport buses, and we are further exploring other markets. We want to hear from stakeholders in the cleaner transport and alternative fuels sector to work together to develop financial products and structures tailored to the industry's profiles and investment needs. Please contact us to work together to develop financing solutions that meet your needs.

EXAMPLES OF ADVISORY SUPPORT TO CLEAN BUSES

Warsaw

Greater Copenhagen

Clermont-Ferrand



[JASPERS](#)

[ELENA – European Local ENergy Assistance](#)

[Advisory Hub \(eib.org\)](#)

WARSAW BUS FLEET RENEWAL

- JASPERS support
- 130 battery electric articulated buses
- Bus depot with charging infrastructure
- ~ EUR 90m investment
- Co-founded EIB loan & EU funds



PT FLEET ELECTRIFICATION COPENHAGEN

- Beneficiary: Movia, PTA of Greater Copenhagen
- Implement large scale electrification of public bus and harbor ferry service with the aim of securing one single charging solution in the street space to be used by all bus operators
- ELENA support: 1.3 MEUR
- Estimated investment programme cost: 68 MEUR



General rules for ELENA Projects

- Grant covers up to **90% of costs related to project development services**
- Application and budget allocation: rolling basis - first come, first served principle
- **Required level of maturity:** preparatory studies carried out and main decisions taken before ELENA support request (**ELENA proposal should demonstrate high probability that project will be implemented**)
- Market impact target: investment project/program **CAPEX min EUR 30m**
- Obligation of investment implementation - **leverage factor** required: typically **20** in energy-related projects and **10** in renovation of residential buildings and transport
- **Grants typically EUR 1-2.5m**
- In case the leverage not achieved: grant may be clawed back
- **3 or 4-year implementation period** (investment realized or fully contracted)
- Investments can be implemented by the final beneficiary or by a third party

ADVISORY – EIAH & EIB LENDING

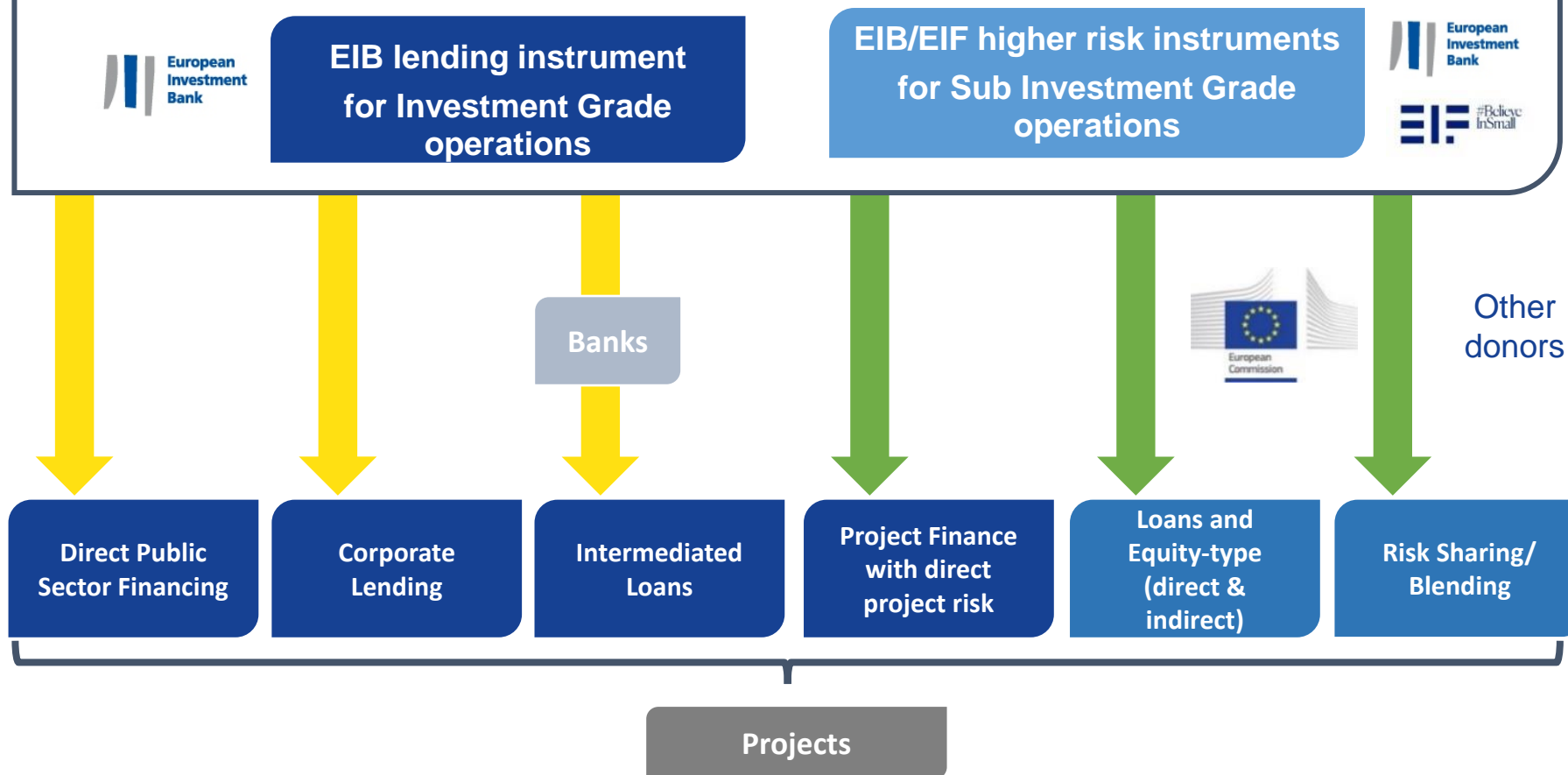
EXAMPLE – CLERMONT FERRAND



- Technical, operational and financial option analysis for:
 - Bus fleet renewal strategy
 - the clean bus rapid transit (BRT) project (2 lines totaling 28 km)
 - Renewable energy production in the new depot
- Approved EIB loan end 2020: 90mEUR

In a nutshell - Overview of EIB Group products

The EIB has an **extensive range of instruments** to mobilise public and private sector investors and fund projects at different risk levels



EXAMPLES OF LENDING INSTRUMENTS FOR CLEAN BUSES

- Framework loans
 - Direct public sector
 - Multi sector
 - Intermediated
(Commercial Banks, National Promotional Banks)
- Programme Loans:
 - Netherlands, Spain, Italy and Germany
- Direct investment loans
 - Riga Transport company, Warsaw, ...

E-BUS CDC INVESTMENT PLATFORM

- Intermediated framework loan through Caisse des dépôts et consignations (CDC)
- Small and average-sized local authorities targeted.
- Loans include a variable interest rate to mitigate uncertainties from an unexpected increase in electricity prices
- Each sub-project Investment programme will be limited to a maximum period of two (2) years.
- New projects eligible till Q4-2024
- Approved EIB loan end 2019: 100mEUR



CLEAN URBAN TRANSPORT PROGRAMME LOAN SPAIN

- Facilitate access to EIB financing
- Open for: public transport authorities, public and private operators, etc.
- Loan amount max 50% of project costs
- 200 mEUR approved in 2018 already disbursed
- 300mEUR approved in 2021
- EUR 25-100m per sub operation



Conclusion



Supporting investments in cutting-edge technologies

Continue supporting and prioritizing zero emission mobile assets.

Tackling investment barriers to accelerate the uptake of innovative solutions

THANK YOU



European
Investment Bank

EIB PROJECT CYCLE

