



European
Investment
Bank

The EIB bank



EUROPEAN
INVESTMENT
FUND

EIB SUPPORTING SUSTAINABLE TRANSPORT INVESTMENTS

X. INTERNATIONAL TRANSPORT CONFERENCE
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Tailor-made advisory

The EIB Group



The lending arm of the European Union
since 1958



Specialist provider of risk finance to small and
medium-sized enterprises

The EIB: the European Union bank

Improving quality of life in Europe and beyond



The world's largest multilateral lender



Leading provider of climate finance



Governed by the EU Member States

EIB at a glance



**European
Investment
Bank**

The EU bank



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



In 60 years, over €1.2 trillion invested

| More than 12,000 projects in over 160 countries

| Crowding-in bank: € 3 trillion overall investment mobilised



Headquartered in Luxembourg

| Around 3,400 staff: In addition to finance professionals, we have engineers, economists and socio-environmental experts

| 50 offices around the world

EIF at a glance



Shareholders

European Investment Bank (58.6%)

European Commission (29.7%)

33 public and private financial institutions (11.6%)



Strong capital base (€4.5 billion)



25 years

of market experience in SME financing



Over 400 staff

Our impact



JOBS

4.4 million jobs sustained
in small businesses



HEALTH

improved health services for
12 million



WATER

Safer drinking water for
10 million



TRANSPORT

631 million additional
annual trips made on EIB
financed public transport



ENERGY

Power for **7.4 million**
households



DIGITAL

Improved mobile services:
117 million

EIB group financing in 2019



€ 63.3 billion



€ 10.2 billion

* Provisional and subject to audit

Our priorities

INNOVATION



€ **14.44**
billion

ENVIRONMENT



€ **16.52**
billion

INFRASTRUCTURE



€ **15.74**
billion

SMALL AND MEDIUM-SIZED ENTERPRISES



€ **25.52**
billion

Climate action investments: € 19.3 billion in 2019



CLIMATE CHANGE ADAPTATION

€ 0.8 billion



RENEWABLE ENERGY

€ 3.9 billion



RESEARCH, DEVELOPMENT AND INNOVATION

€ 1.0 billion



ENERGY EFFICIENCY

€ 4.6 billion



LOWER CARBON TRANSPORT

€ 7.6 billion



OTHER CLIMATE CHANGE MITIGATION

€ 1.4 billion

EIB products catalyse investment



Each transaction is tailored to the needs of the project



Our products are generally classified into loans, guarantees, equity investments, and advisory services



The products can be combined or blended with other sources of public financing

A responsible bank



We monitor the environmental and social sustainability of all of our investment projects



We appraise all human, technological, or natural resources used by the project



We exclude certain economic activities completely



We report greenhouse gas emissions from all projects with a significant impact



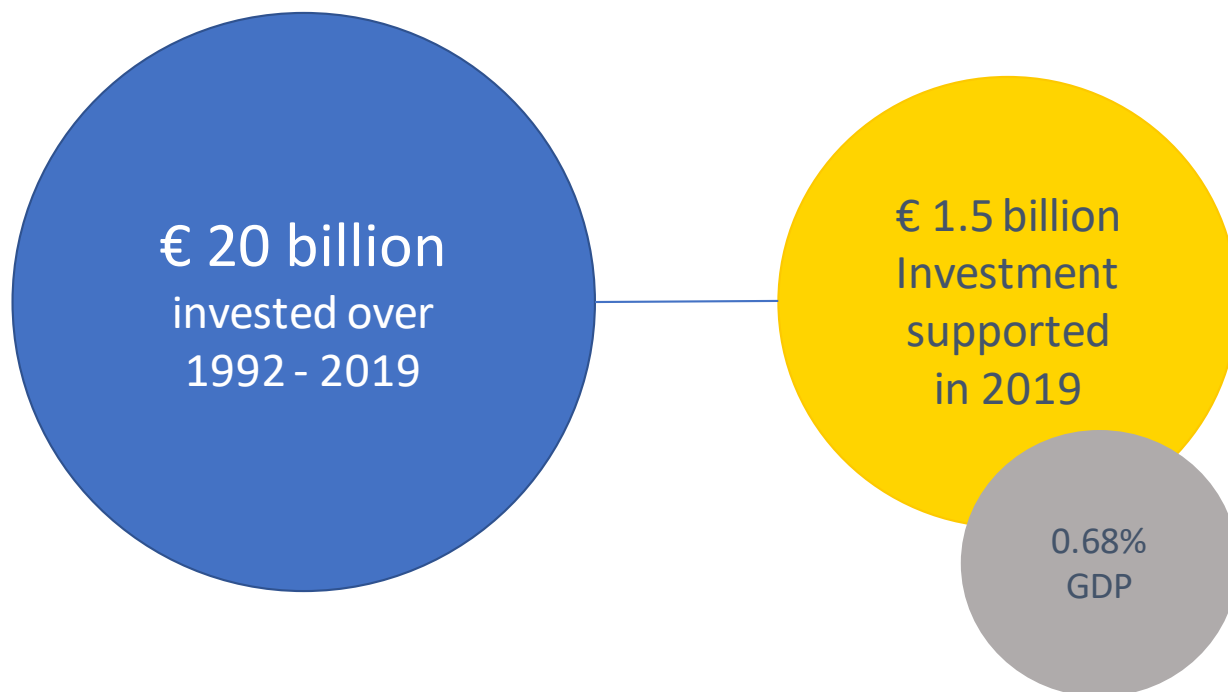
We monitor, report and implement reduction of our own environmental footprint



We ensure strong governance, transparency and accountability for ourselves and our counterparts

EIB presence in the Czech Republic

The EIB group operates in the Czech Republic since 1992



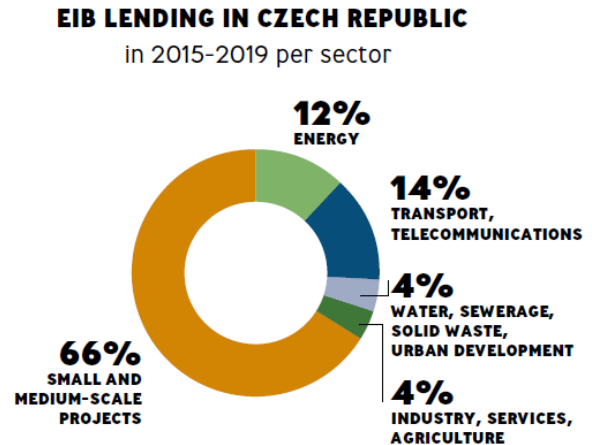
EIB Group in the Czech Republic in 2017 – 2019: €3.34bn of financing

Support to investment projects

- Decreasing regional differences
- Strengthening competitiveness
- Increasing people's living standard

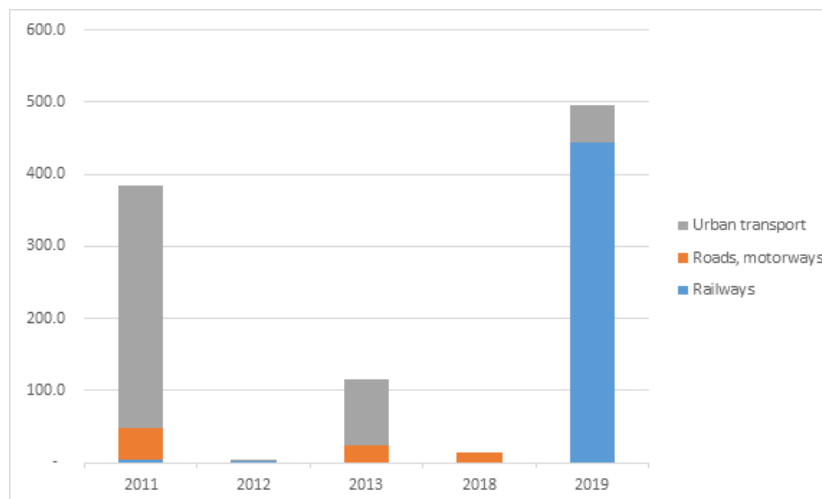
EIB operations in the Czech Republic cover all major economic sectors

- Transport
- Urban and regional infrastructure
- Water, waste infrastructure
- Health
- Energy
- Industry and Services
- SMEs



Transport projects in the Czech Republic supported by the EIB: 2011-2019

Czech Republic				
Amount (mEUR)				
Years	Railways	Roads, motorways	Urban transport	Grand Total
2011	5.0	43.8	335.7	384.5
2012	1.8		0.6	2.4
2013		24.3	91.3	115.6
2018		14.7		14.7
2019	444.9		50.0	494.9
Grand Total	451.7	82.8	477.5	1,012.1



EIB Group Financing in the Czech Republic in 2019 – 2020 | Highlights

- EIB Group (EIB and EIF) operations in **2019** resulted in the support of **€1.5bn of investments**
- EIB Group support in the Czech Republic represented 0.68% of the country's GDP (11th position among the EU Member States)
- Thanks to the involvement of the **European Fund for Strategic Investments** – a core part of the Investment Plan for Europe – €4.7bn of new investment are expected to be mobilized in the Czech Republic
- Some **7,000 business** benefitted from EIB Group operations in the Czech Republic that supported approx. **137,650 jobs in the country in 2019**
- In **2020**, EIB has already supported **Pardubice, South Moravian and Central Bohemian Regions' infrastructure, including the regional transport investments**, and the Ministry of Agriculture to cope better with water management challenges



Ongoing EIB Advisory activities in the Czech Republic (1/2)

Support to project preparation with a grant component (JASPERS)

- Currently **JASPERS** is supporting 16 projects, of which 81% are assignments in the transport sector (rail lines in particular). In 2019 JASPERS completed 10 assignments worth of €2.3 bn.
- Example of recently completed assignment: a rail rolling stock project with the South Moravian region, was recently approved by the EC and the contract signed by the region with the rolling stock supplier. The total cost is €318 m.
- JASPERS supports three **CZ coal regions** (Karlovy Vary, Usti nad Labem, Ostrava), and the preparation of a project pipeline to enable structural transition from relying on fossil fuels to a low carbon economy towards economic and social transformation. JASPERS also provided project related workshops and recommendations to support beneficiaries in preparing quality/bankable projects. These projects may be financed from various resources, including ESIF, Just Transition Mechanism, Modernisation fund and EIB resources.



Ongoing EIB Advisory activities in the Czech Republic (2/2)

The European Investment Advisory Hub

- Until December 2019, the Hub processed 35 advisory requests from the Czech Republic, ranging from information inquiries to requests for technical assistance, funding, or both.
- Examples include support in the transport sector, development of investment platforms for smart cities and energy efficiency projects, mainly based on the model of Energy Performance Contracting (EPC).
- The Hub also works closely with Českomoravská záruční a rozvojová banka (ČMZRB) to develop new projects and enhance local advisory capacity.



European Local Energy Assistance (ELENA)

- In Czech Republic, ELENA is currently supporting the Central Bohemia Region, by contributing €2.4 m, aiming for a comprehensive renovation of around 170 public buildings, improvement of energy performance, reduction of greenhouse gas emissions and the mobilisation of investments amounting to €61.4 m.



A. | **EIB IN NUTSHELL**
Financing, Priorities, Activities

B. | **SUSTAINABLE TRANSPORT**
Rational for EIB involvement

C. | **EIB FINANCING TRANSPORT INVESTMENTS**
Tailor-made finance

D. | **ADVISORY SERVICES FOR TRANSPORT INVESTMENTS**
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Sustainable transport investments & EIB Group

Mission



- Transport is the second-largest source of global greenhouse gas (GHG) emissions and accounted for 24% of CO2 emissions from fuel combustion in 2018. In Europe, the transport sector is performing particularly poorly in terms of GHG emission reduction: between 1990 and 2017, the EU's greenhouse gas emissions decreased by almost 25% overall – however, transport showed a 20% increase. **Thus, transport is becoming a key obstacle to decarbonisation in Europe.**
- Since its foundation in 1958, the EIB has supported many of the transport networks that helped Europe to thrive and grow closer together. Today, the EIB Group plays a significant role in the transformation of **mobility into a low-carbon future.**
- We finance transport infrastructure projects which are:
 - ✓ **Green**
 - ✓ **Innovative & Efficient**
 - ✓ **Safe & Secure**
 - ✓ **Inclusive & accessible**



Transport is the largest EIB sector



Projects in **78 countries**



133bn EUR in over **1000** projects since **2009**



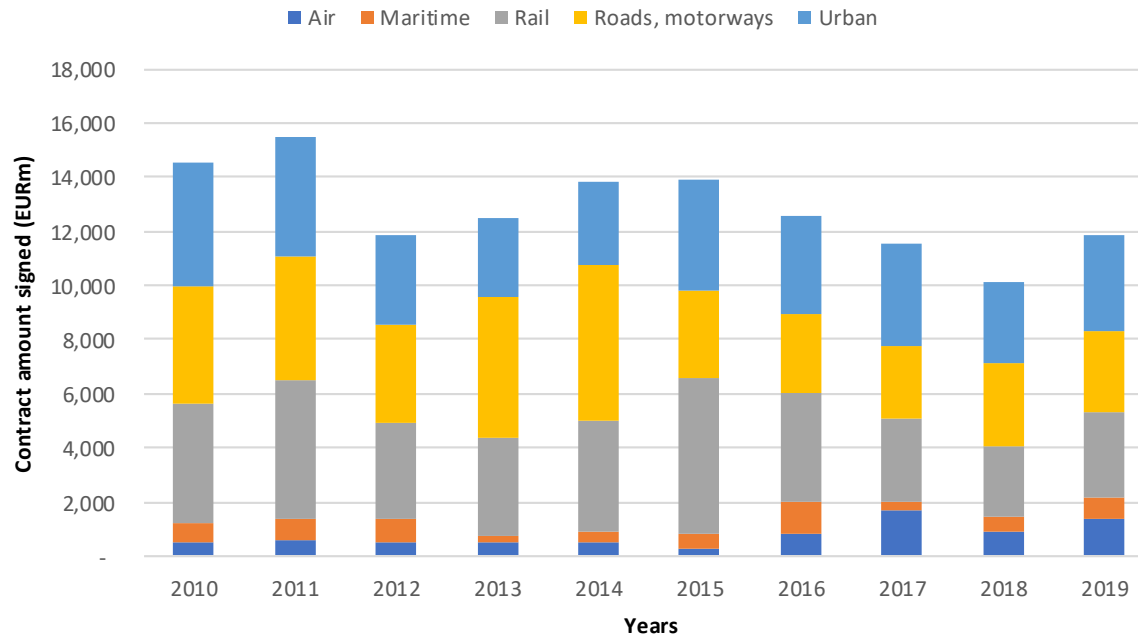
Ap. EUR **10-12bn** per annum
(15-20% of EIB lending)



Strong contributor to Climate Action (over 50%)

EIB Transport lending in the past 10 years

Total Transport Lending (2010-2020)



- ✓ EU 2019 - the EIB signed new deals totalling **€10.5 bn** for **81** new transport projects
- ✓ Concretely, our 2019 financing means that more **than 630 million** additional passenger trips can be made annually

Becoming the EU Climate Bank

All financing activities aligned with the principles and goals of the Paris agreement by the end of 2020

Climate change risk and vulnerability assessment for every project

End financing for fossil fuel energy projects from end 2021

Tailored project support : Innovative finance products

EIB operations dedicated to climate action and environmental sustainability to reach 50% of lending in 2025

Engagement with partners and stakeholders to develop Climate action best practice

Just Transition

Adjusted economic appraisal methodologies



Transport Lending Policy and the Climate Bank Roadmap

Over the course of 2020, the EIB Group will develop the [Climate Bank Roadmap 2021-2025](#).

The EIB has also initiated its review of its overall [Transport Lending Policy](#): it will align its transport activities with the Climate Bank Roadmap, and the European Commission's strategies.

The Transport Lending Policy is expected to be concluded by the [end 2021](#) following a consultation with stakeholders [earlier in that year](#)



COVID-19 Crisis: how will it affect investment in Public Transport?



The COVID-19 pandemic will have a big **impact on the investment** landscape in the transport sector and will result on operations financially damaged, cash flow imbalances and a slowdown of investment

The EIB will continue to bring its added value to the projects:

- ▶ Financial Contribution
- ▶ Financial Facilitation
- ▶ Technical Contribution and Advice

COVID-19 Crisis: what will the EIB do to recover from the crisis?

How can we continue to support decarbonisation after the COVID-19 crisis?



Sustainable and Safe Urban Mobility should be a key component of the Covid-19 exit strategy



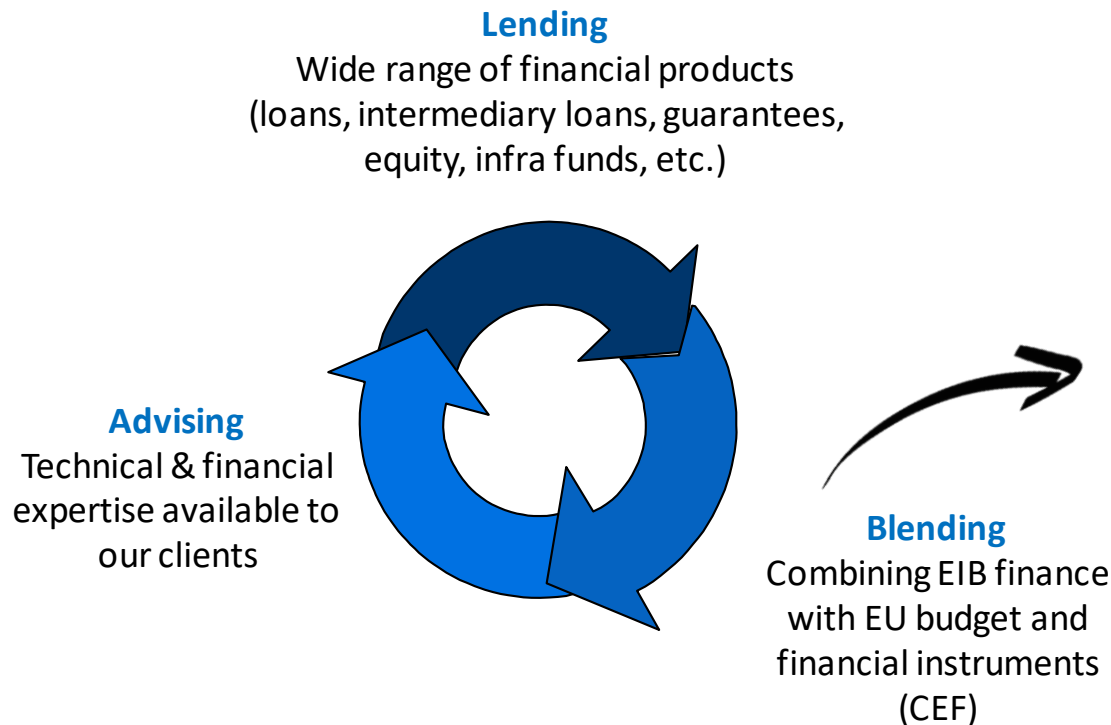
The EIB will continue to support sustainability, in line with European Directives, pursuing the transition to decarbonisation and cleaner fleets to reduce emissions through its [lending](#), [blending](#) and [advisory](#) services



The EIB will continue its collaboration with the European Commission to offer blended finance with EU funds and advisory

COVID-19 Crisis: what will the EIB do to recover from the crisis?

How can we continue to support decarbonisation after the COVID-19 crisis?



CEF Transport Bending Facility

- ✓ Simplified access to EU financing
- ✓ Supports projects which need grant support but have the potential to attract market-based financing.
- ✓ Under the facility, projects will apply when ready (eg. after banks due diligence) on a rolling basis (as opposed to fixed deadline under calls)
- ✓ Ensure implementation in time and budget



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Benefits of an EIB loan



Large amounts



Broad range of currencies



Long maturities



Attractive interest rates



Catalyst for participation of other bank or financial partners

Project requirements



Projects must:



Meet at least one of the EIB's objectives



Be technically sound



Be financially viable



Show an acceptable economic return



Comply with environmental protection and procurement regulations

EIB project cycle

A project financed by EIB typically goes through seven major stages: proposal, appraisal, approval, signature, disbursement, monitoring/reporting and repayment.



Case Study: CZ Railway Infrastructure & South Moravian regional frameworks (CZ)

CZECH RAILWAY INFRASTRUCTURE REHABILITATION

Investment

- The project consists of around 10 components of **railway infrastructure upgrading, modernisation and renewal**.
- The investments is located in the Czech Republic, on the TEN-T network, including core Baltic–Adriatic, Rhine–Danube and Orient/East-Med corridors on sections pre-identified in the Connecting Europe Facility for inclusion in the investment workplans for particular corridors.
- Reconstruction is thus planned for sections which were modernised years ago, between Prague and Brno as well as the line between Přerov – Ostrava – Petrovice u Karviné – state border with Poland
 - Inauguration of Petrovice u Karvine is planned for 25/09/2020

Financing

- EUR 447m loan (investment cost EUR 932m).
- Promoter: SZDC
- CEF Blending facility



SOUTH-MORAVIAN ROLLING STOCK

Investment

- Project concerns the acquisition of **37 new electric trainsets** and it is expected to make regional integrated transport more attractive as well as to enhance transport offer in the region.
- The new rolling stock will be equipped **with state-of-the-art technology** in terms of energy efficiency
- Project promoting fully electrified rolling stock will have a very positive contribution to **decreasing negative climate changes** while promoting a sustainable transport.

Financing

- EUR 133,83m loan (investment cost EUR 280.34m).
- Borrower: South Moravian region
- 4th operation with the region

Case Study: EV Charging Stations (CEE) & Pilsen Sustainable Transport (CZ)

GREENWAY – EV Charging Stations

Investment

- The project consists of the installation of approx. 863 charging stations by end of 2020. The charging infrastructure will include 419 slow charging (ie. 3.7 kW - 22 kW) stations, as well as a roll out of 400 Fast Charging (ie. 22kW – 50 kW) stations and the first Ultra-Fast Charging (ie. 150 kW – 350 kW) network of 44 stations deployed across Poland, Czechia, Slovakia and other CEE countries.
- The project also includes the demonstration of stations with Battery Assisted Charging System (BACHS). The project will contribute to push the transition towards lower carbon transport vehicles.

Financing

- EUR 17m co-financing facility (investment cost EUR 34m).
- Borrower: GreenWay
- Financed under Innovfin Energy Demonstration Projects



PILSEN GREEN TRANSPORT

Investment

- The loan helps to city of Pilsen to implement its **sustainable transport strategy**, which aims to improve urban public transport while minimising the negative impact of transport on the environment and on urban life.
- The financing enables the purchase of some 34 trams and approximately 34 trolley buses to replace existing vehicles. The project also involves the reconstruction of depot facilities and the modernisation of the power supply infrastructure.

Financing

- EUR 50m loan (investment cost EUR 163m).
- Promoter: Pilsen public transport provider - Plzeňské městské dopravní podniky

Case Study: Bratislava Sustainable Urban Mobility (SK) & Krakow Smart cities (PL)

BRATISLAVA SUSTAINABLE URBAN MOBILITY

Investment

- The project concerns the financing of different investment schemes in Bratislava, mainly in the field of public transport. Investments are done in the framework of the city's and the public transport operator's development plan for the next 5 years. Some of these schemes are expected to be complemented by EU grant support.
- The selected transport investments target the **improvement of public transport services**, as well as promotion of **active transport**. The project is therefore expected to increase the attractiveness of public transport in the area of Bratislava and to promote sustainable mobility, by combining public and active transport. As a consequence, it will and reduce reliance on private cars and the related negative impact on environment and health.

Financing

- EUR 50 m loan (investment cost EUR 246m).
- Borrower: City of Bratislava
- Co-financed with EU grants.



KRAKOW INTELLIGENT AND SUSTAINABLE DEVELOPMENT

Investment

- Supports the 2030 City Strategy of Kraków aiming at **using modern technology to improve urban space and public transport** as well as interacting with citizens to increase quality of life.
- Covers multiple projects across sectors: urban roads, sustainable mobility schemes, thermo-modernization of buildings, urban renewal and regeneration, social housing, ICT and other urban infrastructure.

Financing

- EUR 55 m loan (investment cost EUR 236m).
- Borrower: City of Kraków
- Co-financed with EU grants.





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B. | **URBAN, REGIONAL DEVELOPMENT & SMART CITIES**
Rational for EIB involvement

C. | **EIB FINANCING TRANSPORT INVESTMENTS**
Tailor-made finance

D. | **ADVISORY SERVICES FOR TRANSPORT INVESTMENTS**
Tailor-made advisory

EIB ADVISORY support to the transport investments' development

Advisory programmes offered by EIB to support transport investments



JASPERS

JASPERS helps cities and regions absorb European funds through top-quality projects. Its aim is to speed up the absorption of EUR 350 billion of ESIF Funds intended to achieve greater cohesion in Europe, through projects which are planned, prepared, procured and run to the highest technical, social and environmental standards possible. In a similar fashion, JASPERS also help with the absorption of funds available under the Connecting Europe Facility (CEF).



URBIS

URBIS is a new dedicated **urban investment advisory platform** within the European Investment Advisory Hub (EIAH). URBIS is set up to provide advisory support to urban authorities to facilitate, accelerate and unlock urban investment projects, programmes and platforms.



ELENA

ELENA provides technical assistance for energy efficiency and renewable energy investments targeting buildings and innovative urban transport.



EPEC

EPEC is a PPP dedicated advisory service. The European PPP Expertise Centre's mission is to support the public sector across Europe in delivering better public-private partnerships (PPPs).



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Thank You

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