**Net cumulative SIG investment**

€43.6 billion  
**€3.8 billion** (since 1991)  
€3.8 billion (in 2019)

**Number of projects**

1,226 (since 1991)  
113 (in 2019)

In 2019, SIG contributed robustly to the UN Sustainable Development Goals

14

Our business revolves around **three** sub-sectors

- **Energy**
- **Municipal**
- **Transport**

...each equally important in delivering transition.

Data as at May 2020
The Sustainable Infrastructure Group (SIG) invests annually around €4 billion across the economies where the Bank invests closing around +100 transactions a year.

The SIG combines forces of the Energy and Infrastructure teams in response to the cross-sector opportunities.

Bank's portfolio by industry groups
- Sustainable infrastructure: 29%
- Industry, Commerce & Agribusiness: 49%
- Financial Institutions: 22%

Bank's portfolio by SIG sectors
- Energy: 18%
- Transport: 12%
- Municipal and Environmental Infrastructure (MEI): 19%
- Industry, Commerce & Agribusiness: 17%

SIG portfolio by regions
- S. E. Europe: 14%
- Eastern Europe: 13%
- S. E. Mediterranean: 7%
- Central Asia: 17%
- Turkey: 23%
- Cyprus and Greece: 22%

Data as at May 2020
The Net Cumulative Bank Investment (NCBI) of the Sustainable Infrastructure Group (SIG) in Egypt totalled €2.1 billion across 35 projects (as at May 2020).
The Technical Cooperation (TC) of the Sustainable Infrastructure Group (SIG) in Egypt totalled €25.4 million across 38 assignments (with committed funding as at March 2020).

### ...by sector

<table>
<thead>
<tr>
<th>Sector</th>
<th>TCs €m</th>
<th>No of TCs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy</td>
<td>6.7</td>
<td>8</td>
</tr>
<tr>
<td>MEI</td>
<td>16.0</td>
<td>25</td>
</tr>
<tr>
<td>Transport</td>
<td>2.7</td>
<td>5</td>
</tr>
</tbody>
</table>

### ...by type

<table>
<thead>
<tr>
<th>Type</th>
<th>TCs €m</th>
<th>No of TCs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Preparation</td>
<td>€9.7</td>
<td>9</td>
</tr>
<tr>
<td>Project implem. support</td>
<td>€7.6</td>
<td>12</td>
</tr>
<tr>
<td>Policy Dialogue</td>
<td>€5.5</td>
<td>8</td>
</tr>
<tr>
<td>Capacity Building</td>
<td>€2.7</td>
<td>9</td>
</tr>
</tbody>
</table>
EBRD: Infrastructure Project Preparation Facility - IPPF

8 July 2020

Building on extensive experience in infrastructure projects

What is the Infrastructure Project Preparation Facility (IPPF)?
The IPPF is a mechanism to improve efficiency, quality and replicability of infrastructure projects for the benefit of the EBRD’s clients.

The IPPF was launched in September of 2015 with €40 million in funding from the EBRD’s Shareholders Special Fund (SSF) to provide high-quality, client-oriented project preparation, policy support, and institutional strengthening to our clients in PPPs and institutionalized public sector infrastructure solutions.

Why is the EBRD supporting the IPPF?
The EBRD seeks to play a greater role in enhancing the delivery of better and more efficiently prepared infrastructure projects in our countries of operations as global infrastructure investment needs are estimated to be over US$ 50 trillion through 2030.

Which projects are eligible for the IPPF?
The EBRD engages with the Sustainable Infrastructure Window for public sector financed projects on a non-reimbursable grant basis for the development of Feasibility Studies.

With the PPP Window, the EBRD prepares projects using expert advisors to structure the financial, technical, and legal details for both the PPP contract and procurement. The PPP Window is provided on a reimbursable basis where the IPPF anticipates the cost of advisors, eventually paid back by the successful bidder at financial close.

What does the EBRD’s IPPF offer?
IPPF projects benefit from:

- Significantly faster mobilisation of consultants through a quick, eight-week ‘call-off’ mechanism using prescreened consultants.
- An integrated approach to project preparation that includes a systematic methodology, policy dialogue with public stakeholders and capacity building and training.

Scope and next steps
The EBRD has prepared over 40 projects under the IPPF that span over 15 different countries of operation and continues to seek opportunities for more projects to be included.

To find out more about the EBRD’s Infrastructure Project Preparation Facility, please contact:
Matthew Jordan Tank, Head of Infrastructure Policy and Project Preparation (jordantm@ebrd.com)

Strong on-going PPP Pipeline Preparation Efforts, inter alia:

- M-10 Road PPP, Belarus
- Olvia and Herson Ports, Ukraine
- Sofia Airport, Bulgaria:
- Almaty LRT, Kazakhstan
- 6th of October Dry-Port, Egypt
- Lebanon Expressway
- Athens Biomedical Research Center, Greece
- Almaty National Medical University, Kazakhstan
- Brasov Hospital PPP
- Jordan Schools
- Tashkent-Samarkand Road PPP
EBRD – Spain Co-operation in Egypt

<table>
<thead>
<tr>
<th>Type of Cooperation</th>
<th>Contracted Amount</th>
<th>Number of contractors / consultants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Works and goods contracts awarded to Spanish contractors for public sector projects</td>
<td>€125.6 million</td>
<td>1</td>
</tr>
<tr>
<td>Works and goods contracts awarded to Spanish contractors for private sector projects</td>
<td>Private EPC contracts for projects with a total EBRD financing of ~€124.3 million</td>
<td>2</td>
</tr>
<tr>
<td>Consultancy contracts awarded to Spanish consultants</td>
<td>€5.8 million</td>
<td>18</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other cooperation - Equity co-investment</th>
<th>EBRD Investment</th>
<th>Number of projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equity investment in Aqualia New Europe (ANE), an investment vehicle established by FCC Aqualia as its platform for investing in the economies where the Bank invests. <em>(Project status: completed)</em></td>
<td>49 per cent in ANE</td>
<td>1</td>
</tr>
</tbody>
</table>
**Project Features**

*The Project contributes to lowering carbon emissions and helps ENR to reduce its energy consumption and achieve operating cost savings as a direct result of replacing 40 years old locomotives.*

**Project Impact**

- Promoting commercialization of the freight sector through facilitating transfer of ENR’s freight operations to a separate business entity as well introduction and utilization of a track access charging regime.
- Demonstrating the benefits of private sector involvement through procurement of the new locomotives under a Supply and Maintain contract, which is designed to extend asset life in the later stages.
- Supporting economic inclusion of women by developing and undertaking a public awareness campaign to combat sexual harassment which is aimed at increasing women’s access to and use of railway transport.

**Project details**

- **Client:** the Arab Republic of Egypt
- **EBRD finance:** Sovereign loan of up to €290 million to be on-lent to Egyptian National Railways (ENR), a state owned economic authority.
- **Total project cost:** €433 million
- **Year:** 2017
- **Use of proceeds:** Finance acquisition of up to 100 new diesel locomotives as part of ENR’s locomotive renewal programme.

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**EBRD 2020 Sustainability Awards**

**Gender & Economic Inclusion**

**Bronze Award**
Project Features
The Project aims to support ENR’s transformation into a more efficient and transparent operator and contribute to the improvements of safety standards to the services provided to its users.

The Project is expected to substantially improve the quality of train services between Cairo and Alexandria by providing new, energy-efficient rolling stock to replace the existing ageing stock.

Project Impact

- Improving corporate governance and corporate behaviour through the development of a comprehensive corporate governance strategy and the adoption of a business plan on an annual basis
- Improving energy efficiency through the adoption of an energy management framework, including energy audit, introduction of energy KPIs
- Promoting private sector participation in ENR’s operations through introduction of a Supply and Maintenance contract for procured train units, which is intended to improve the life-cycle quality of the assets

Project details

- **Client**: The Arab Republic of Egypt
- **EBRD finance**: Sovereign loan of up to €126 million to be on-lent to Egyptian National Railways (ENR), a state owned economic authority
- **Total project cost**: €171 million
- **Year**: 2014
- **Use of proceeds**: Finance procurement of new rolling stock to replace the current rolling stock as part of a much-needed modernisation of ENR’s fleet and aims to reduce overcrowding on the Cairo-Alexandria route
Kitchener Drain Depollution – Solid Waste and Drain Rehabilitation components

**Project Features**

The Projects are part of an extensive €715 million programme aimed at depolluting the Kitchener Drain and improving health and environmental conditions in the three governorates that make up the Kitchener Drain watershed - Gharbeya, Dakahleya and Kafr El Sheikh.

The integrated programme is the first programme in Egypt testing a new cross-sectoral approach that will support the depollution of the Mediterranean Sea.

**Project Impact**

- Delivering substantial environmental benefits and mitigating the effect of climate change through the depollution of the Damietta Branch of the Nile, improvement of the water quality for irrigation in the Kitchener drainage system as well as the municipal solid waste management in the governorates
- Promoting innovative technologies through the development of a pollutant monitoring system, which will enable the enforcement of existing environmental laws and help control the level of pollutants in the water
- Contributing to a reduction in Greenhouse Gas (GHG) emissions to atmosphere following equipment of the landfills with methane capture systems

**Project details**

- **Client:** the Government of Egypt, for the benefit of the Ministry of Local Development responsible for solid waste management in Egypt and the Ministry of Water Resources and Irrigation responsible for water resources management in Egypt

- **EBRD finance:**
  - **Solid Waste Component** - Sovereign loan of up to €79 million complemented by a €3 million investment grant and €5 million technical cooperation (TC) grant from the EU mobilized by the Bank
  - **Drain Rehabilitation Component** - Sovereign loan of up to €69 million complemented by a €7 million investment grant and €5 million TC grant from the EU mobilized by the Bank

- **Total project cost:** €95 million for the Solid Waste component and €90.35 million for the Drain Rehabilitation component

- **Year:** 2018

- **Use of proceeds:** Finance the Municipal Solid Waste Management and Drain Infrastructure Rehabilitation components of the integrated depollution programme of the Kitchener Drain, the main agricultural drain passing through the three governorates in the Delta region
Cairo Metro Line I Modernisation

**Project Features**

The Project promotes greater sustainability and efficiency of metro services in Cairo and supports transition to an energy-efficient, low-carbon economy through reductions in CO2 emissions.

The Project also seeks to increase private sector participation in urban transport.

**Project Impact**

- Improving the quality of public transport for Cairo’s growing population through (i) better service availability, (ii) improved service quality in terms of operational efficiency, reliability and safety and (iii) greater sustainability through improved asset management practices of the metro infrastructure
- Promoting youth inclusion through introducing inclusive procurement approaches and opening up on the job training opportunities for young people

**Project details**

- **Client:** the Arab Republic of Egypt as the Borrower and the National Authority for Tunnels (NAT) as the implementing agency
- **EBRD finance:** Sovereign loan of up to €205 million
- **Total project cost:** €1,209 million
- **Year:** 2018
- **Use of proceeds:** Co-finance the rehabilitation of track and power infrastructure, signalling, tele-communications and centralised control systems on Cairo Metro Line I as well as the rehabilitation of electro-mechanical systems in related station facilities and (iii) introduction of an Enterprise Resource Planning System (ERP)
Cairo Metro Line II Purchase of Trains

**Project Features**

The Project is the first investment presented under the Integrated Approach (IA) developed by the Bank to address key transition challenges of the urban transport sector in Cairo.

**Project Impact**

- Contributing to the reduction of CO2 emissions through a modal shift towards a more environmentally sustainable metro system
- Promoting greater sustainability and efficiency of the metro services as well as increased private sector participation in the sector through introduction of a public sector contract and outsourcing of the maintenance contract to the private sector
- Promoting youth inclusion through introduction of best corporate standards and practices to public procurement process

**Project details**

- **Client**: the Arab Republic of Egypt as the Borrower and the National Authority for Tunnels (NAT) as the implementing agency
- **EBRD finance**: Sovereign loan of up to €100 million
- **Total project cost**: €416 million
- **Year**: 2015
- **Use of proceeds**: Finance the purchase of air-conditioned train sets to be operated on Cairo Metro Line II and two locomotives
Benban Solar, the largest solar plant in Africa

Project Features
Success of the programme allowed Egypt to transition to tendering for upcoming projects, with the lowest solar tariff in any of EBRD’s Countries of Operations at c.25 USD/MWh. These 16 plants will deliver 750 MW of solar photovoltaic capacity and are expected to reduce carbon dioxide emissions by 900,000 tonnes a year.

Project Impact
- Catalysing the development of multiple renewable energy projects in Egypt, resulting in significant CO2 emission reductions and supporting the transition from hydrocarbon reliance
- Promoting private sector participation in the Egyptian electricity sector
- Demonstrating the success of a new model for renewable energy in Egypt

Project details
- **Client:** Scatec Solar, ACWA Power, EdF EN, El Sewedy Electric, Al Fanar, Infinity, ib Vogt, Access Power, EREN RE
- **EBRD finance:** US$ 368 million in senior debt complemented by a co-financing of US$ 476 million
- **Year:** 2017
- **Use of proceeds:** Finance 16 plants delivering 750 MW of solar photovoltaic capacity in Benban, Egypt
Contacts

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