For the EIB Group — consisting of the European Investment Bank (EIB) and the European Investment Fund (EIF) — 2022 was a successful year in Germany. Overall financing increased by 20% compared with the previous year (to €6.613 billion). With the new German government dedicated to greening the economy, public and private companies alike turned to the EIB for investment support for their renewable energy and energy efficiency projects.

As in previous years, EIB Group activity in Germany (a European hub of business and industry) focused on innovation and climate, with especially strong support for research and development in the private sector. With its focus on small and medium enterprises (SMEs), the EIF supported innovative startups. In 2022, the EIB Group increased its climate action activities in Germany, with more than two-thirds of financing going towards this objective. This clearly exceeded the achievement necessary to stay on track to the EIB’s goal of making 50% of total investment in climate action by 2025.
Innovation for greening the economy

Energy-efficient heat pumps and eco-friendly car battery material for a greener future

The EIB supports the transition from old industry practices and the growth of innovative startups.

We expect that interest in climate-friendly projects will continue to grow in 2023, as the German economy is currently facing numerous challenges in this area. One sector clearly in need of investment in innovation is the automotive industry, which finds itself in the midst of a transformation towards electric and digital vehicle fleets. In 2022, the EIB supported green and innovative investments with industry players like the automotive suppliers MAHLE, Webasto and Vitesco. The Bank has also provided venture debt in the form of equity-like loans for technologies of the future, such as Blickfeld’s laser imaging, detection and ranging (LiDAR) technologies.

Another sector in the middle of a green transition is heating. Supported by EIB loans, companies that traditionally built gas boilers, such as Valliant, are now investing in production lines for climate-friendly electrical heat pumps.

Alongside the green transition, digitalisation is another upheaval creating challenges for the German economy. Against this backdrop, the EIB supported research, development and innovation by companies like the wafer producer Siltronic. In 2022, we again focused on digitalisation in the medical sector: for example, the Bank signed a loan agreement with the software developer CompuGroup to finance the development of a digital health platform, AI-supported diagnostics and cybersecurity measures in the health system. Shortly before Christmas, we also signed a loan with the Munich medical technology company Brainlab to finance their research and development activities. Brainlab’s core products include information-guided surgery and precision radiotherapy.

Through the InvestEU Programme, the EIB invested in Bionic, a startup that has developed an AI-driven exoskeleton that can help workers lift heavy loads in industries like construction. The EIF supported the large-scale, woman-led Green Generation Fund, which invests in companies like the vegan egg producer Neggst.
Power grids upgraded for renewables

The EIB has established itself as the EU climate bank in Germany

Investing in power grids, new battery trains for Brandenburg and energy-efficient affordable housing

For the German economy, quickly expanding renewable energy to wean the country off Russian fossil fuels is just as important as investing in green innovation. In 2022, the EIB showed that it can support both offshore wind farms and the expansion of high-voltage lines. One example is the Bank’s decision to invest in TenneT’s Ostbayernring to reinforce the grid to distribute wind and solar energy from decentralised production.

Strengthening public transport is crucial for the green transition in Germany. That is why the EIB is investing in tramways and regional trains — including €190 million to modernise the Stuttgart Stadtbahn, upgrading 50 existing trams, purchasing 20 new ones and refurbishing parts of the city’s tram rails.

The EIB also invests in climate-friendly housing. For example, we have financed a project by a municipal housing company in Hannover, hanova WOHNEN GmbH, to build 640 flats that will be rented at affordable rates and that meet the European Union’s high energy efficiency standards. This is the first EIB loan in Germany backed by the EU budget under the InvestEU Programme.

The EIB Group sees itself as a reliable partner for Germany on its path to a future that is climate resilient, ecologically sustainable and free of fossil fuels. That is why we are also supporting the environmental restoration of the Emscher River. Since 2011, we have invested €1.5 billion in cleaning up what was once Germany’s dirtiest river — but has been one of the country’s cleanest since 2022.

Investments in sustainable energy and natural resources by the EIB Group amounted to €2.276 billion
## Overall EIB Group achievements in 2022

<table>
<thead>
<tr>
<th>Projects</th>
<th>Overall investments</th>
</tr>
</thead>
<tbody>
<tr>
<td>signed by the EIB Group worldwide in 2022</td>
<td>triggered worldwide by the EIB amounted to</td>
</tr>
<tr>
<td>were worth a total of</td>
<td>€72.45 billion</td>
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<table>
<thead>
<tr>
<th>EIB Global</th>
<th>SMEs and mid-caps</th>
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</thead>
<tbody>
<tr>
<td>— the branch for investments outside the European Union financed</td>
<td>were supported with financing of</td>
</tr>
<tr>
<td></td>
<td>€10.8 billion</td>
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</table>

<table>
<thead>
<tr>
<th>Climate financing</th>
<th>Jobs secured</th>
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</thead>
<tbody>
<tr>
<td>as a share of total EIB Group financing in 2022 reached</td>
<td>in SMEs and mid-caps by EIB Group financing numbered</td>
</tr>
<tr>
<td>58%</td>
<td>5.3 million</td>
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