



EUROPEAN UNION

European Regional
Development Fund

Senate Department
for Economics, Energy
and Public Enterprises

BERLIN



Europe Makes Berlin – Fit for the Future

innovative | climate-conscious | integrative | sustainable

The EU Regional Development Fund (ERDF) supports regions across the EU to promote joint development. Berlin, its businesses and residents also benefit from EU funding policy. By 2027, 680 million euros will flow into the Berlin ERDF programme, which, together with national co-financing, will grow to around 1.7 billion euros.

These funds specifically go towards promoting sustainable growth, strengthening future-oriented industries, and further developing our city as a hotspot for highly innovative start-ups. Comprising more than one-third of the budget, climate protection and energy efficiency are more firmly anchored in the ERDF programme than ever before. Another focus is on measures to develop disadvantaged urban neighbourhoods.

There are exciting EU-funded projects just waiting to be discovered all over the city!

Digitization as a competitive advantage

Whereas in home life it may only be a matter of functioning Internet, emails or streaming films, digitisation is indispensable for companies, universities and research institutions. The age of increasingly networked production and the linking of people, machines and components through state-of-the-art information and communication technology is called “Industry 4.0”. The “Production Technology Centre (PTZ)” of the “Fraunhofer Institute” began with the first projects on the topic even before the term existed. Today, the project “Berlin Center for Digital Transformation - Industry 4.0 Lab” continues the Institute’s work in this field. It accompanies companies throughout digitization processes and supports “Industry 4.0” in the early identification of challenges that may arise during implementation.

“The Industry 4.0 Lab brings players from information and communication technology with manufacturing companies together.”

Felix Fehlhaber, Head of “Transferzentrum Industrie 4.0-Lab”

The ERDF enables the Fraunhofer Institute to support small and medium-sized companies and universities in digitization projects. The promotion of cooperation between research institutions and companies is carried out within the framework of “Platforms, Laboratories, Centres (PLACE)”.



In conversation with the head of the “Industry 4.0 Lab” transfer centre

COMPETENCE AND EXPERIENCE

For this task, the Institute benefits from its experience in developing innovative products, technologies and processes for industry purposes for many years. The competences of the staff are not only in consulting or conducting research and development but also lie in the areas of technology and method consulting, potential analyses and studies, process optimisation, technology-oriented factory and process chain planning, implementation of new technologies and prototype development. It is important to note that the focus is always on individual people: their work should be simplified: be it as a worker or in controlling software.

ERDF PROMOTES TECHNOLOGY YOU CAN TOUCH

To get a picture of the state of research at all times, it is also possible to experience a range of solutions in different degrees of maturity live and directly on site. In this way, the Fraunhofer Institute for Production Systems and Design Technology also presents itself as a place of visions for the future.

THE ERDF IN ACTION IN BERLIN

With its hands-on technology and the implementation of digitalisation processes in companies, the Technology Center 4.0 contributes to perceiving Berlin as a hotspot for digitally integrated production.

The ERDF gets Berlin fit for the future by

- promoting cooperation among research institutions and companies.
- Strengthening the future location of the Berlin Campus Charlottenburg.
- enabling companies based in Berlin to digitalize themselves and become internationally competitive.

FUNDING

Funding priority:
Innovationen [Innovations]

Funding instrument:
PLATZ - Plattformen, Labore, Zentren - außeruniversitäre Forschungseinrichtungen [PLACE - platforms, laboratories, centres - non-university]

Funding amount:
€1,999,500 of which 50% is from ERDF

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The Transfer Center's advanced lab



Testing the latest technology



3D printers and VR headset



A look at the innovative hardware of the project