

ZUKUNFTSORT
Wirtschafts- und Wissenschaftsstandort
Berlin Schöneweide

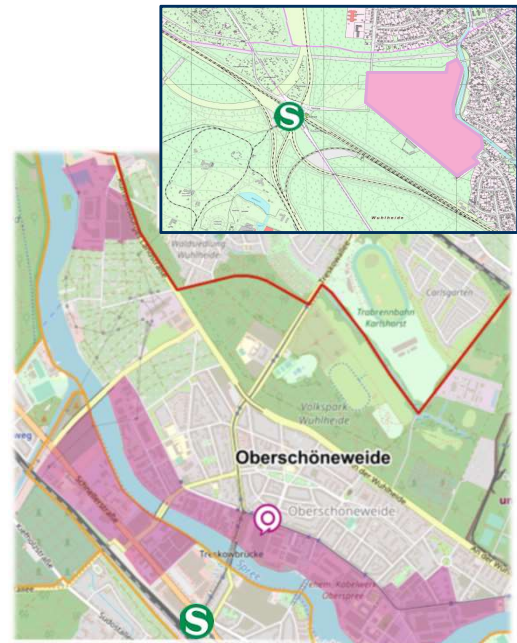
Berlin Schöneweide

Technology and urbanity in Berlin's southeast



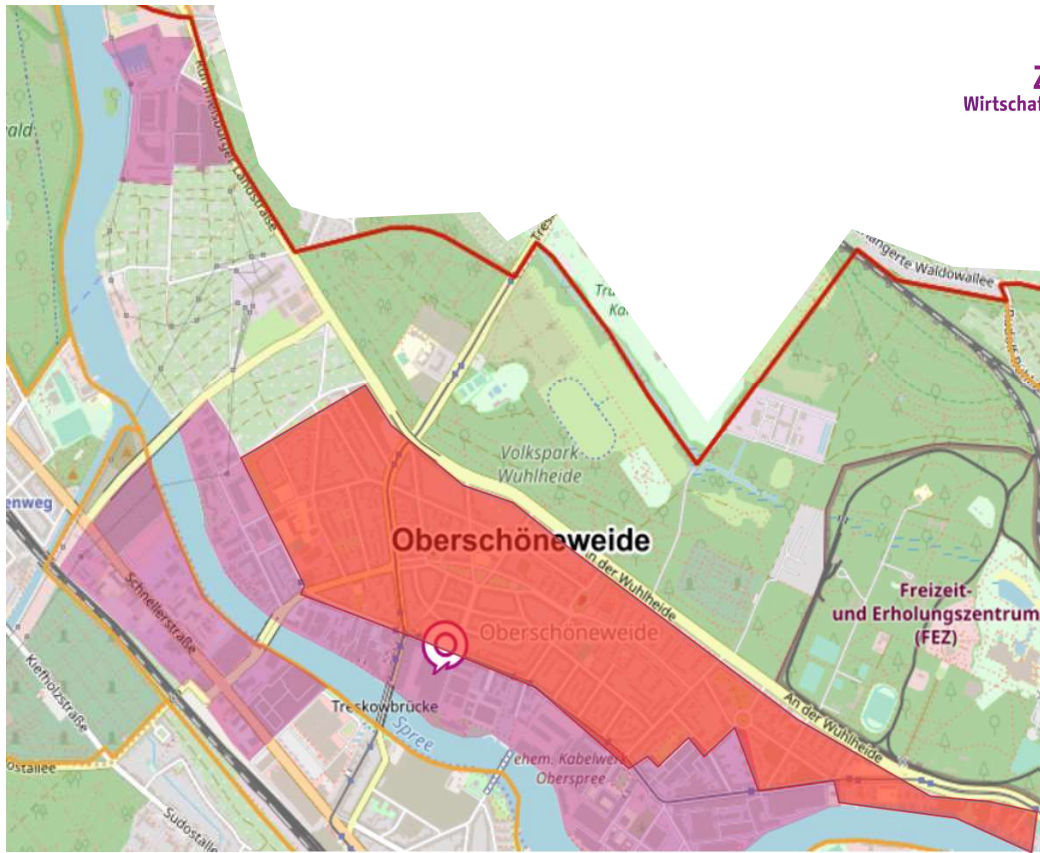
Schöneweide, a place for creating future innovation

- Covers an area of ca. 132 ha
- 2 technology and start-up centres
- 5 scientific institutions, including Berlin's largest university for applied sciences (HTW Berlin)
- A mix of industries: photonics and optics, media and the creative industries, energy and environmental technology, IT and automation, microsystems and materials
- Special feature: vast landmarked industrial area linked to the history of AEG
- Working, living and leisure all in one place





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Source: OpenStreetMap.org



Industriestadt Schöneeweide

Process of transformation after German reunification

- 1994 Strategic reorientation
- Founding of district-run innovation hubs in the 1990s
- 1995-2010 Designation as a development area and inclusion in the "Urban Historical Monuments" programme
- 1999-2007 Setting up of neighbourhood management agencies
- 2006 Establishment of the University of Applied Sciences (HTW Berlin)
- 2011 Setting up of a regional management and business promotion agency
- 2012 Schöneeweide is designated a "Zukunftsort", a place creating future innovation in Berlin
- 2015 Inclusion in Berlin's Smart City strategy
- 2020 Investors eager to develop





Industriestadt Schöneeweide

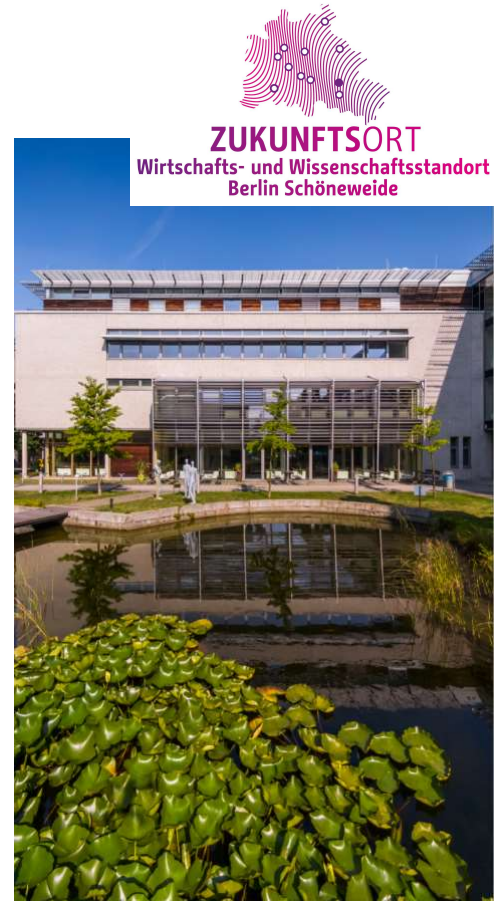
Process of transformation after German reunification

- Examples of how ERDF funding was used:
 - Culture and creative industries, development of new economic industry potentials in Schöneeweide (2010): 524,214.93 €
 - Identifying and fostering main focus points of development in the Treptow-Köpenick district (2011): 459,229.13 €
 - Schöneeweide Visitor Centre – Tourism development through industrial heritage (2013): 344,936.87 €



Innovation Park Wuhlheide

- First technology and start-up centre in Germany's Eastern states
- Innovation park with high-quality production and commercial areas integrated into a park-like setting:
 - Area covering 32 ha
 - 50,000 m² lettable commercial area, ca. 90 % let out
 - Industry focus:
 - Bio and medical technology, optoelectronics and sensor technology, environmental and energy technology, materials technology and mould-making, construction and renovation technologies
 - Possible uses:
 - Move-in ready office, warehouse and manufacturing spaces to let (special funding for start-ups)
 - Setting up of own business locations under ground leases of up to 66 (+33 years)
 - Potential area for development: ca. 50,000 m²
 - Mobility: e-charging stations, direct access to public transport (bus and S-Bahn), planned new access road to BER, and a fast cycling route



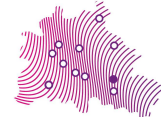
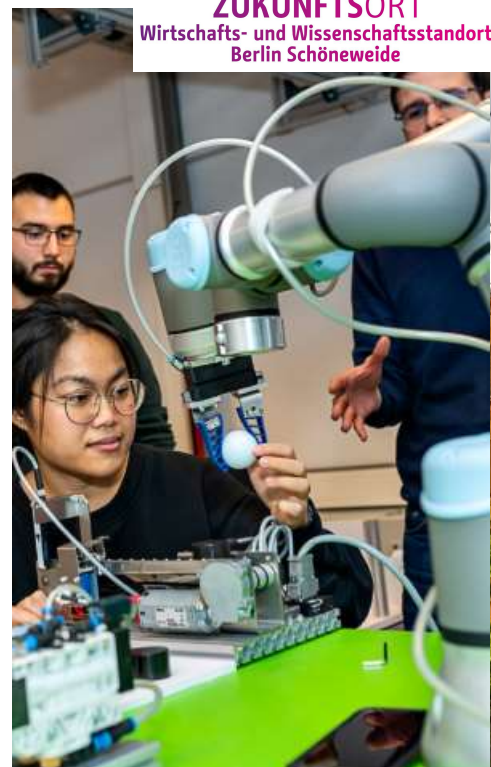
Technology and Start-up Centre Spreekie (TGS)

- One of Berlin's largest start-up centres
- ca. 2 ha state-owned area
- 21,616 m² lettable office, laboratory, workshop and warehouse space, 8,300 m² of which are designated for science and research:
 - HTW Berlin, including DE:HIVE, a centre for game design, arts, and technology
 - Concept for teaching and research in the 21st century: integrates study courses Game Design & System Design Game and creates space for research and entrepreneurship also with regard to processes and dynamics (ERDF: 2008, Games Lab, approx. 2.38 million euros)
 - Positive effect: it creates other EU projects in the fields of digital technologies and design, regional SMEs, e.g.:
 - INTERREG: Baltic Game Industry (2017-2020)
 - ERDF platforms and centres for applied research together with and for SMEs: proto:n (2016-2020)



HTW Berlin – University of Applied Sciences

- Largest university for applied sciences, located on the Spree river since 2009
- 70 courses: in the fields of engineering, robotics, information technology & health, energy & environment, construction & real estate to design, design & culture, new: cyber security
- Put in numbers: 14,000 students, 9,000 of which in Schöneeweide, 280 professors, 800 lecturers, 450 cooperative projects
- Important catalyst for ongoing development of business locations, multiplier, know-how provider, innovation driver
- Brisk use of ERDF and ESF funding:
 - Implementation of 30 structural fund projects in the 2014-2020 funding period alone
 - Sources of third-party funding: structural funds account for the largest share of EU funding



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Ways out of the current crisis // ESF application of HTW Berlin opens up solutions

- Situation:
Failure of established management systems during the coronavirus crisis, the enormous efforts in recent months to digitise and decentralise processes are not sufficient for coping with the "new normal"
- Project idea consists of 3 integrated components:
 - Coping strategies and organisational structures in the "new normal"
 - Digital Enterprise – Empowering SMEs to cope with crises using technology
 - SME support "Open Data Science Competency Network"
- Required funding: 2.37 million euros



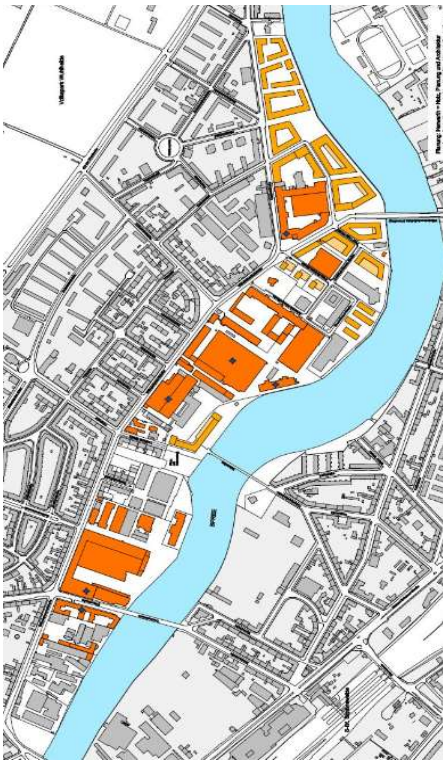
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Visibility of cooperation between science and business

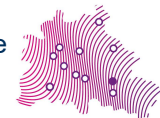
- Innovation Workshop Schöneweide: FROM IDEA TO PROTOTYPE – Playful development of ideas for future-oriented fields of action, while getting to know new partners for implementation
- Cooperation platform of HTW Berlin for SMEs, launched together with the Regional Management Berlin Schöneweide, format has been adopted for university teaching
- Offers Berlin-based SMEs tailored infrastructures for cooperative projects with students and professors from HTW Berlin
- Working on business issues using the design thinking method
- Other EU projects are taking up the idea of the innovation workshop: e.g., the ERDF project proto:n



Vision & potential



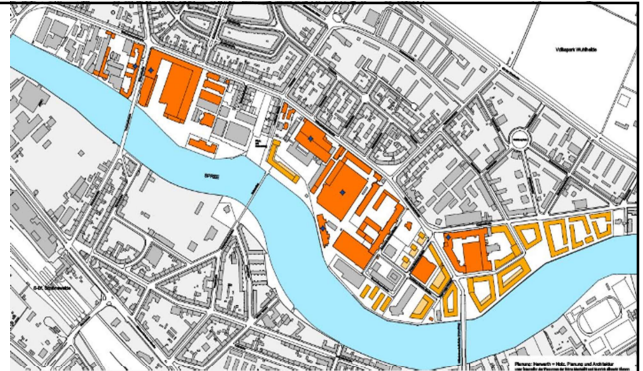
- **10,000 new jobs** by 2030 at “Zukunftsort” Schöneeweide:
 - Securing commercial space on private lots
 - Attracting commercial companies is managed by the district
 - Innovation and Technology Centre Industry 4.0
 - Textile Hub Schöneeweide
 - Funkhaus Nalepastraße: catalyst for “creative arts & technology”
 - Investors bent on the future mix with investors eager to develop
- **HTW moves to the Spree river completely** – adding 5,000 students
- **New Spree bridge** Wilhelminenhofbrücke
- Use of Spree river for water transport: **e-mobility and clean transport** for goods and commodities, complementing public transport, R&D of new technologies, last mile concept
- **Strengthening transport links** within the city’s and the European infrastructure
- **Shared identity based on industrial culture**



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Problems & demands

- **Continued access to EU structural funds**
- Universities of applied sciences have worse starting positions for programmes focused solely on research compared to universities, although focusing more on their surroundings in terms of regional development
=> **Applied research projects with regional partners continue to be important!**
- **Efforts to expand high-capacity broadband networks** must be stepped up, only piecemeal solutions to date
- **Most of the land is private**, makes targeted allocation of land based on business promotion more difficult – continuous communication, networking, & building awareness between local players is key
- **Site management GRW funding ends** in 2021, long-term funding required
- Lack of a comprehensive **traffic and public transportation concept**, possibly major growth obstacle
- **Expanding administration:**
 - Lack of planning capacity in local administrations for accelerating projects
 - Lack of formats for interdisciplinary exchange to initiate EU projects
- Factor in **digital transformation of the cultural and creative industries**
- Publicise **Green Deal** funding
- **Preserve the historic heritage**



Schöneeweide will be a „Zukunftsort“ that...



- views the EU, the federal government and the state governments as important partners for development
- helps science and business to grow (together) symbiotically and highlights innovative subject areas
- has enough space for potential growth, which is sustainably developed according to the site's technological profile
- sets the stage for its creative and cultural scene
- fosters a vibrant industrial culture
- shapes the world of work 4.0



Thank you for your time!

Sven Schmohl

Bezirksamt Treptow-Köpenick von Berlin
Wirtschaftsförderung
Alt-Köpenick 21, D-12555 Berlin

Phone.: +49 30 90297 2536
Email: sven.schmohl@ba-tk.berlin.de

www.berlin.de/wifoe-tk
www.facebook.com/wifoetk

Jana Herschelmann

WISTA Management GmbH
Regional Management Berlin Southeast
Ostendstraße 25, D-12459 Berlin

Phone: +49 30 5304 1115
Email: info@suedost-berlin.de

www.suedost-berlin.de
www.schoeneweide.com



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Photos: Cathrin Bach (8,9,13), Andrea Künstle (1), Christoph Hildebrand (4,5), Thomas Rosenthal (6,7)