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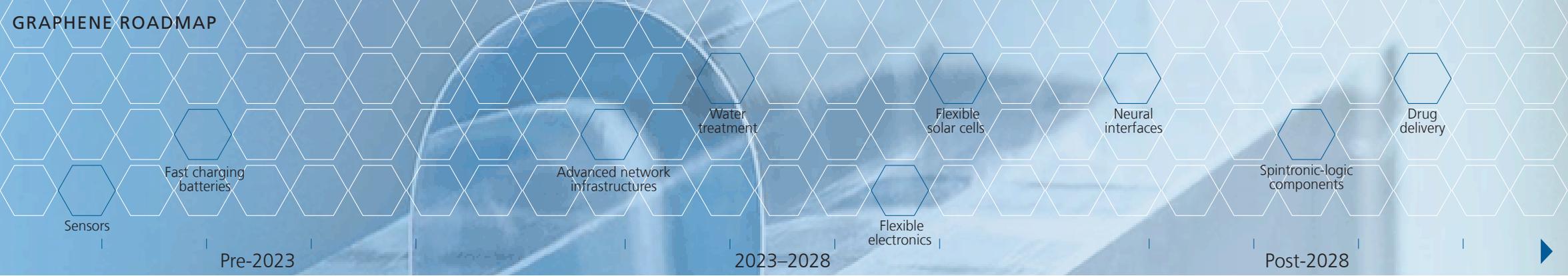
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EMERGING TECHNOLOGIES





OUR EXPERTISE

The Competence Center Emerging Technologies focuses on the identification, evaluation and design of developments in emerging technologies and socio-technical transformations. Our topics include digitization, the bioeconomy, new materials and production processes, innovations in the health system as well as technology assessment and Responsible Research and Innovation (RRI).

Our interdisciplinary perspective plays an essential role in our research. This includes involving all the relevant actors and being part of an extensive network. In our work, we try to build bridges between technologies, markets, politics, and society.

The results of our work lead to recommendations for the design and use of technology, the demonstration of design options, advice to stakeholders, and the support and evaluation of agenda setting in innovation policy. We feed the knowledge generated in our research into the relevant scientific and social discourses. Our research is conducted in a socially responsible manner, and therefore contributes to solving global challenges.

BUSINESS UNITS

❖ Bioeconomy and Life Sciences

We explore current trends, identify competitive positions and analyze the influence of policies.

❖ Innovations in the Health System

We evaluate the contribution that health-related innovations can make to societal goals and develop recommendations for their design and use.

❖ Information and Communication Technologies

We analyze IT-based innovations and new media and put forward proposals for necessary changes to the framework conditions.

❖ Industrial Technologies

We analyze the emergence and development of technologies up to their production, market development and diffusion.

SELECTED PROJECTS

BEMA2020	Accompanying measure to battery materials for future mobile and stationary applications (Battery 2020)
EuDEco	Modeling and Observatory for the European Big Data Economy
Forum Privatheit	Forum Privacy and self-determined life in the digital world
FRAME	Innovation support for The Research Fab Microelectronics Germany (Forschungsfabrik Mikroelektronik Deutschland FMD)
Graphene-Roadmap	Technology and Innovation Roadmap for the Graphene Flagship
Transformation Bio	The bioeconomy as societal change – reflexive governance and dynamic innovation systems
WP Napse	Evaluating the implementation of the German National Action Plan for People with Rare Diseases