

ENERGIE
CAMPUS
NÜRNBERG

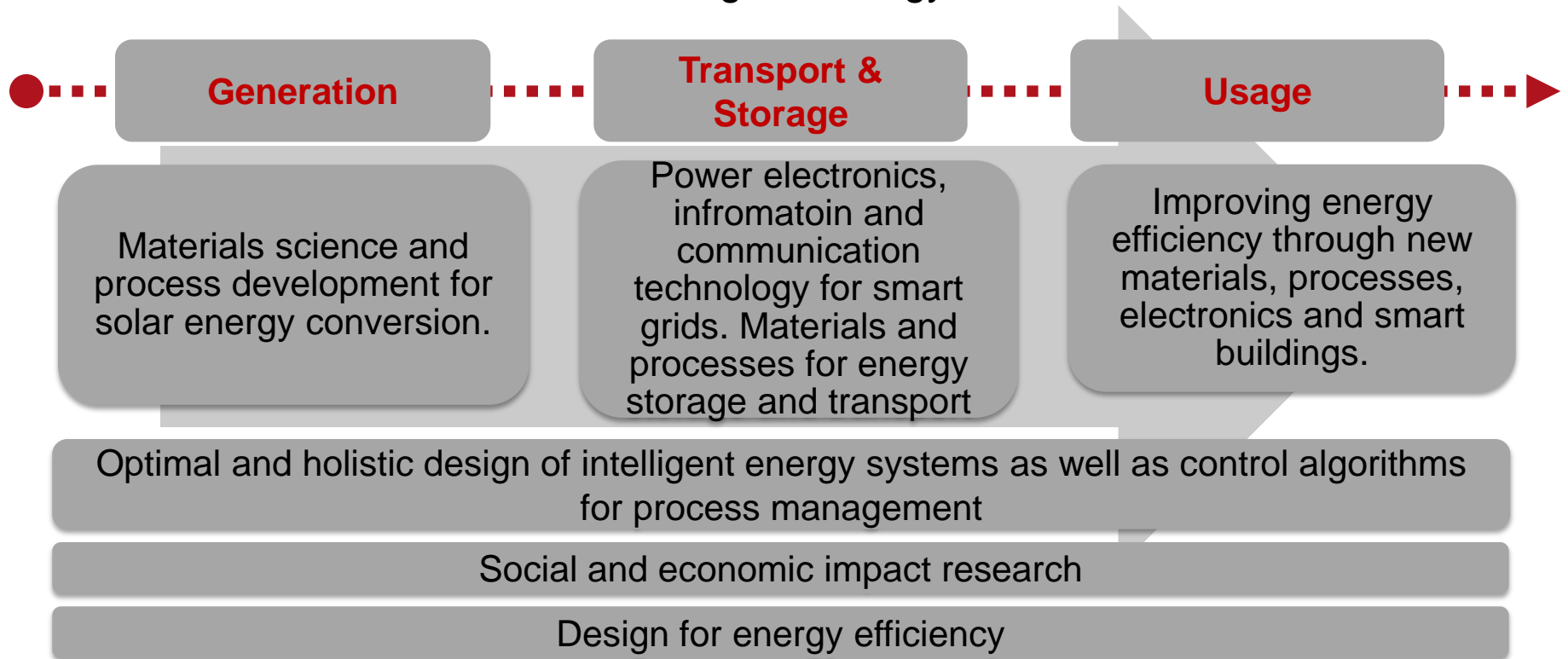
ENERGY RESEARCH AND DEVELOPMENT

Engineering & natural sciences, informatics, accompanying socio-economic research

EnCN – An Energy Research Center for Bavaria

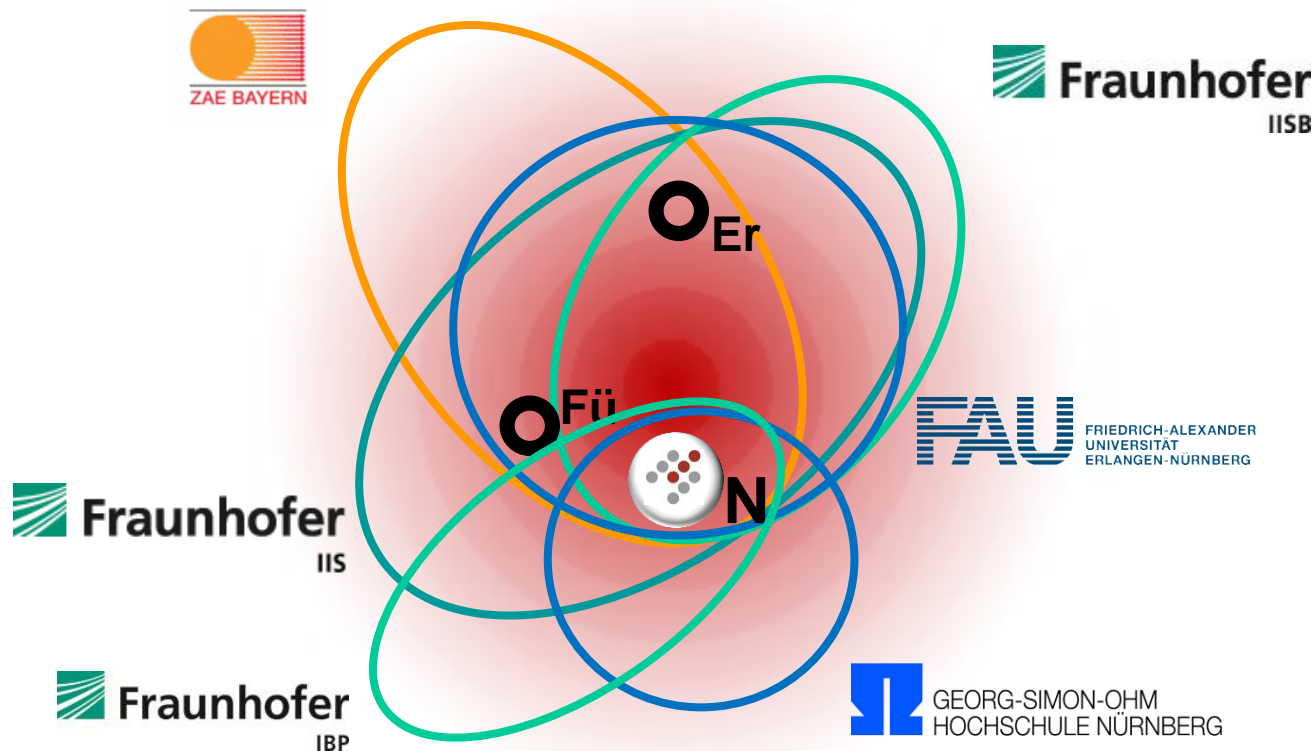
ENERGIE CAMPUS NÜRNBERG

Research along the energy chain!



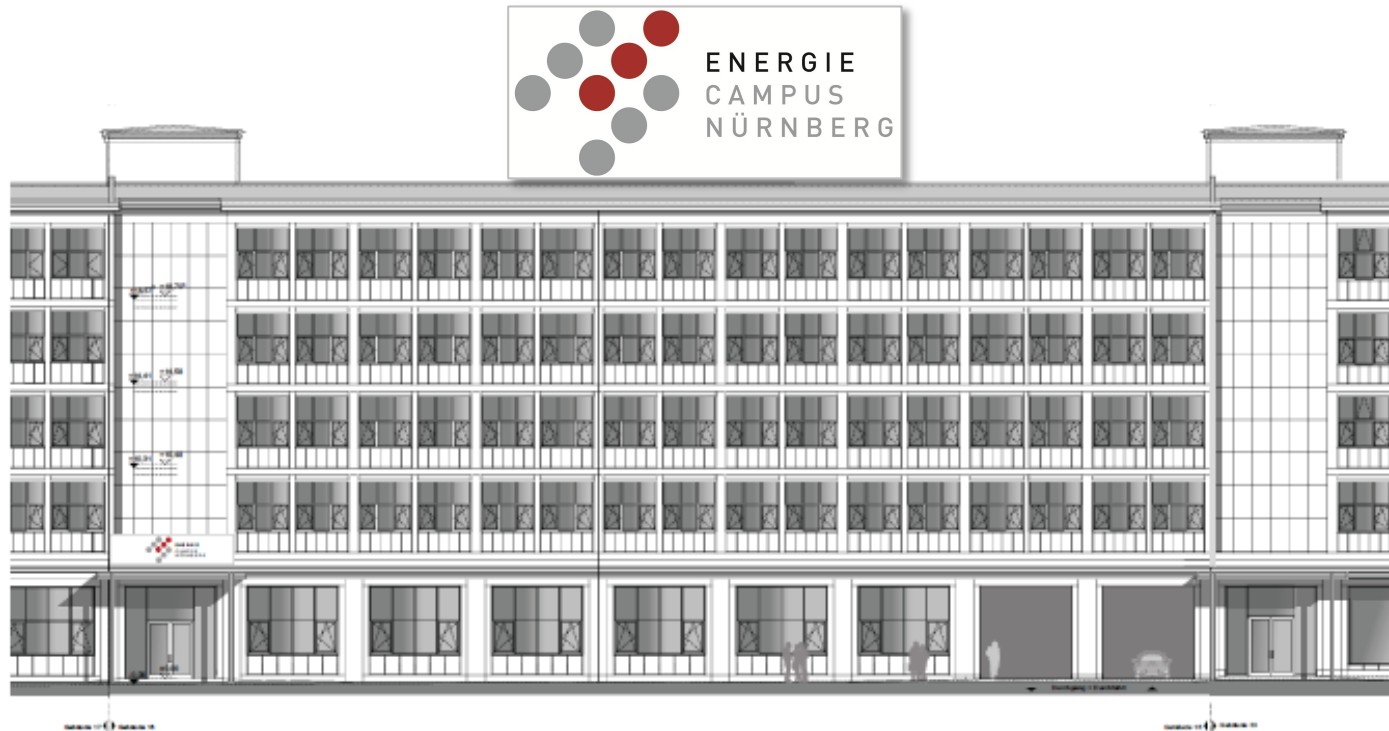
EnCN - A Campus

Uniting energy research of multiple institutions in a single location!



EnCN - A Campus

**Participating in the restructuring of a neighborhood in Nuremberg!
From „White Ware“ industry to knowledge based Industry**



**On 6000square meters the EnCN will perform research in the West of Nuremberg,
on the AEG grounds– a former production site for washing machines**

EnCN - The Cooperation Partners



Friedrich-Alexander-Universität Erlangen-Nuremberg

- One of the largest german universities
- Full university with a strong engineering faculty
- More than 33.500 students



Georg-Simon-Ohm-Hochschule Nuremberg

- One of the larges technical universities in germany
- More than 10000 students



Fraunhofer-Institute for Integrated Circuits - IIS

- Applied R&D for integrated circuits, sensor technologies, embedded systems, ITC und system architectures



Fraunhofer-Institute for Integrated Systems and Device Technology - IISB

- Applied R&D for power electronics, micro- and nanoelectronics, energy technology, electric mobility, materials for electronics and photovoltaics



Bavarian Center for Applied Energy Research

- Applied energy research for Bavaria since 1991
- Material research, component development & system optimization



Fraunhofer-Institut for Building Physics

- R&D, testing, demonstration and consulting in the areas of building physics – energy efficiency, room climate, heat-, humidity and weathering protection.

The Financing

- Funded Project in the structural revitalization program “Nürnberg/Fürth”
- The funding is part of the initiative “Aufbruch Bayern – Bavaria on the move”
- Possible through the close cooperation of
 - Bavarian State Ministry of Economics, Infrastructure, Traffic and Technology**
 - Bavarian State Ministry of Science, Research and Culture**
 - City of Nuremberg**
- And the support from
 - Bavarian State Ministry for the Environment and Health
 - Bavarian State Ministry of Finance
- Funding sum of 50Mio. Euro for a period of 5 years, distributed over 10 projects

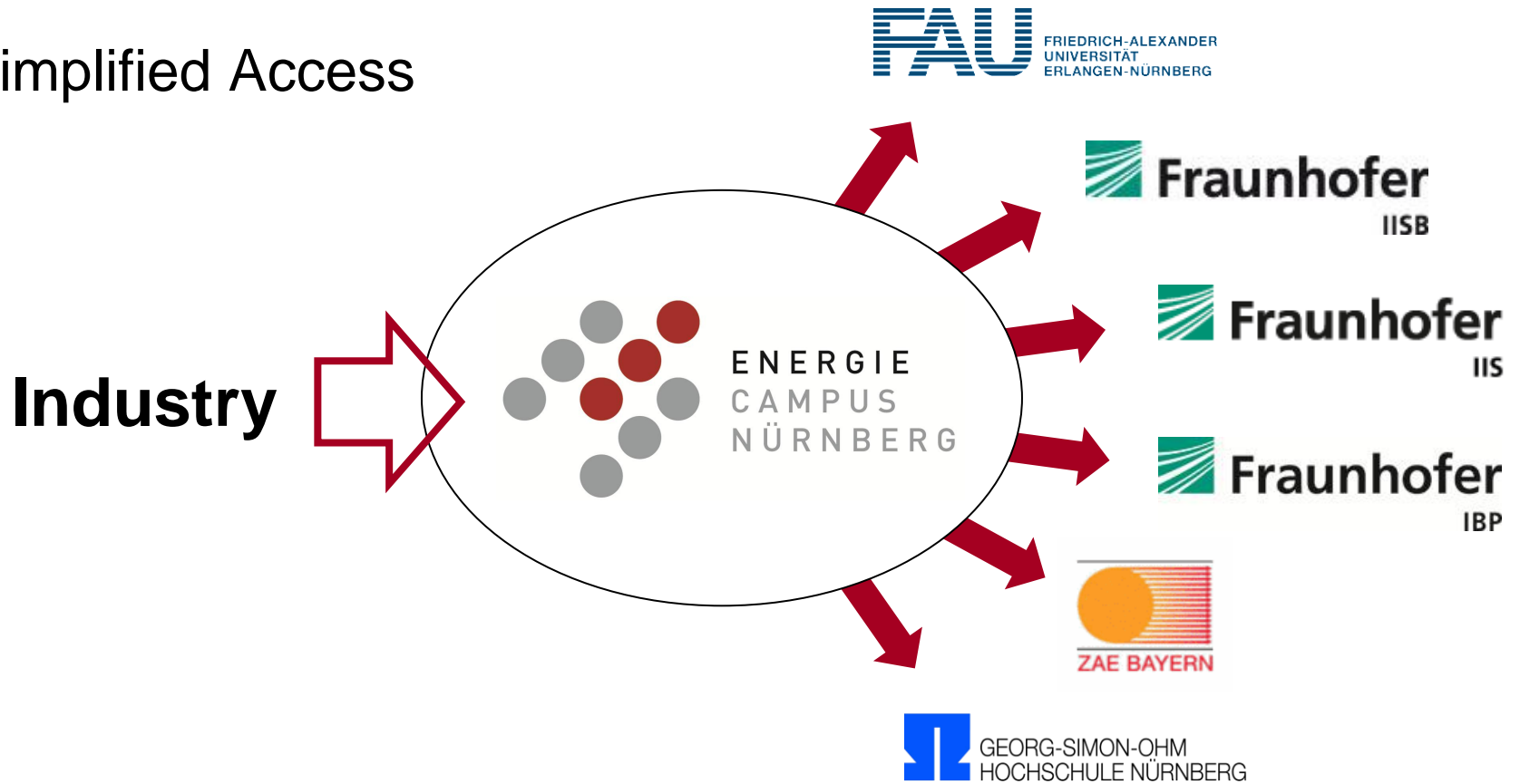


The goals of the EnCN

Realizing the vision of a sustainable energy economy based on renewable resources

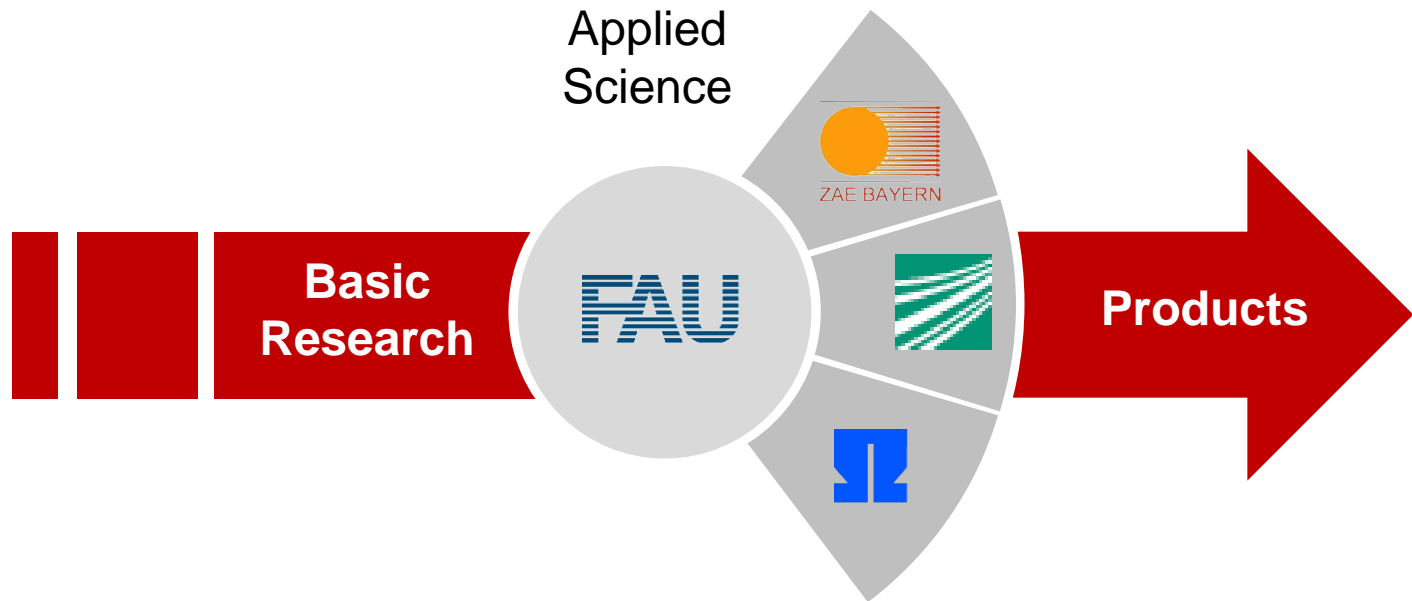
- 1. Increasing efficiency in the energy supply chain: production, distribution, storage and use**
- 2. Developing the foundations for energy supply based on renewables**
- 3. Excellence in pioneering areas of energy research**
- 4. Pooling of the partners' competencies in an internationally visible centre**
- 5. Becoming the development partner for companies in all aspects of energy technologies**
- 6. Promoting energy expertise and economic strength, particularly in the metropolitan region of Nuremberg**

Simplified Access



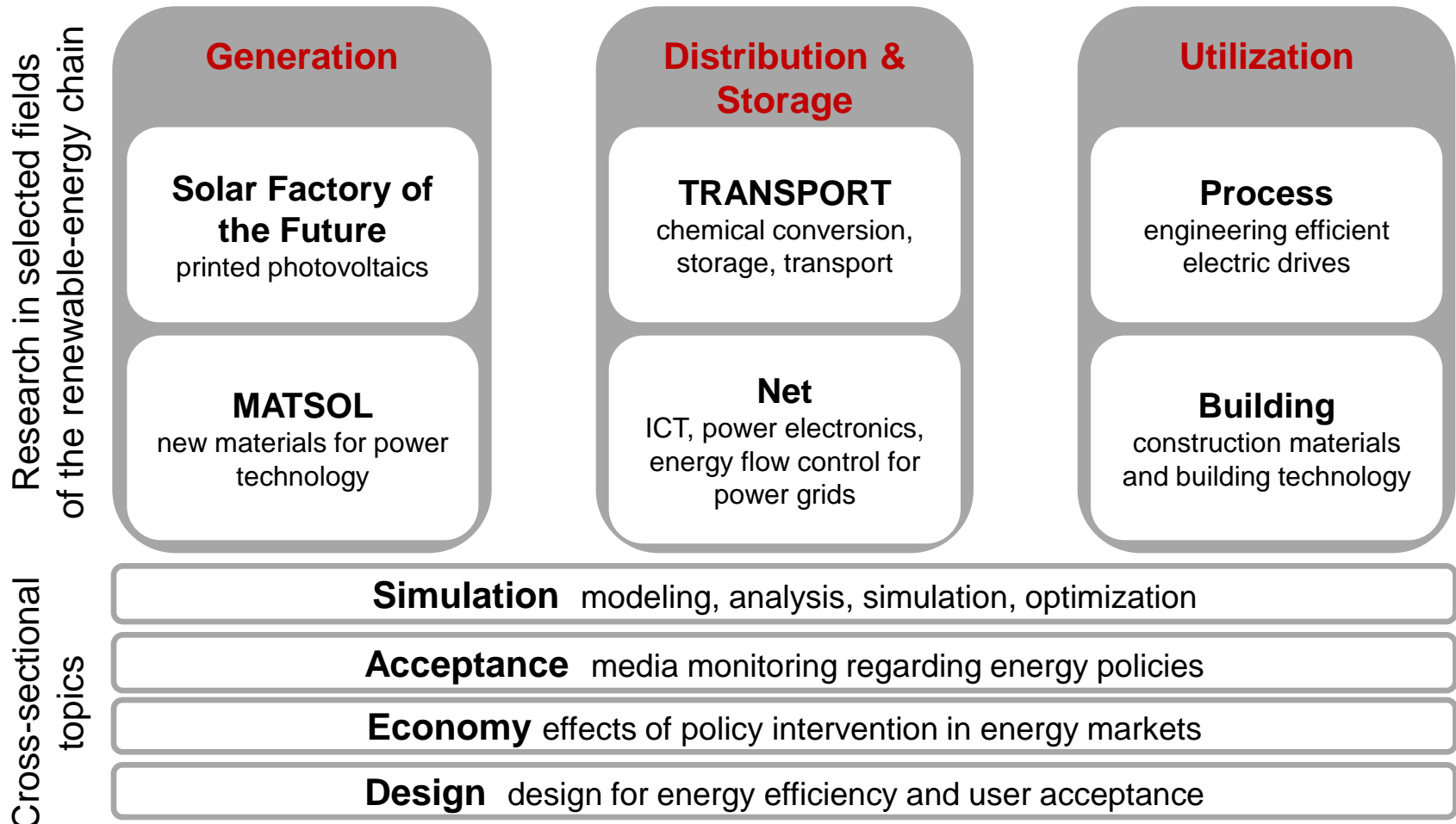
- Exceptional access to state of the art research
- One contact point
- Unique network
- An independent platform for common research

From Basic Research to the product



- Accessing the complete value chain
 - **from basic research to the product**
- Utilization of synergies
 - **interdisciplinary and interinstitutional**

The Research program





Thank you for listening!

**Deutschland
Land der Ideen**



Ausgewählter Ort 2012

16.11.2012