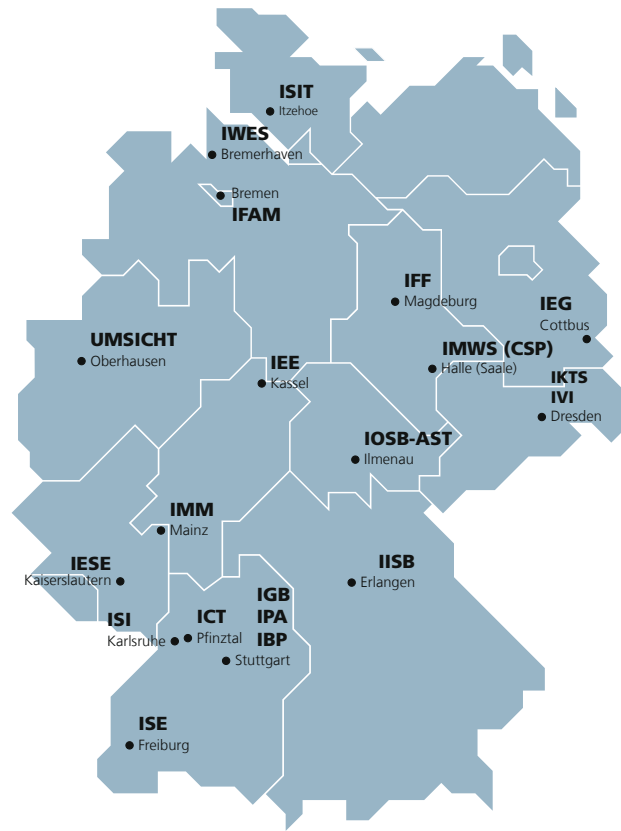


# Business Locations

The main locations of our member institutes are spread across Germany. The Fraunhofer Energy Alliance pools its expertise and acts as the central point of contact.



# Members

## Fraunhofer Institute / Facility for

- Building Physics IBP
- Chemical Technology ICT
- Energy Economics and Energy System Technology IEE
- Energy Infrastructures and Geothermal Energy IEG
- Experimental Software Engineering IESE
- Manufacturing Technology and Advanced Materials IFAM
- Factory Operation and Automation IFF
- Interfacial Engineering and Biotechnology IGB
- Integrated Systems and Device Technology IISB
- Ceramic Technologies and Systems IKTS
- Microengineering and Microsystems IMM
- Microstructure of Materials and Systems IMWS
- Optronics, Systems Technology and Image Exploitation Applications Centre IOSB-AST
- Manufacturing Engineering and Automation IPA
- Solar Energy Systems ISE
- Systems and Innovation Research ISI
- Silicon Technology ISIT
- Transportation and Infrastructure Systems IVI
- Wind Energy Systems IWES
- Environmental, Safety and Energy Technology UMSICHT



20 institutes combine their expert knowledge at the Fraunhofer Energy Alliance.«

## Contact

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 **Fraunhofer**  
ENERGIE

Fraunhofer Energy Alliance

Fraunhofer Energy Alliance

At a Glance



We want Germany and Europe to be the innovation leaders in the transition to a sustainable energy system.«

Fraunhofer Energy Alliance,  
Guiding Principles



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## Areas of Business

### Customized Competence

The member institutes of the Fraunhofer Energy Alliance conduct applied research and development for key technologies and services relevant to future. By using a cross-system approach maximum synergistic effects can be achieved between the eight business sectors.



#### Energy Renewable

For the successful change of our supply system, research and development in the area of renewable energy sources like sun, wind, biomass and hydropower are essential. Accordingly, this is a focus of Fraunhofer energy research.



#### Energy Storage

Fluctuating renewable energy source are a challenge for the future energy supply. The Fraunhofer-Gesellschaft is researching storage solutions which enable the reliable provision of energy.



#### Energy Grids

To ensure security of supply, a modern and reliable infrastructure is essential. In the areas of grid planning, grid technology, grid operation and management, the Fraunhofer-Gesellschaft offers solutions for the supply of power gas and heat.



#### Energy Urban

Almost 40% of energy consumption in Germany is caused by the building sector. By taking a holistic view - from plant engineering and buildings to embedding in districts - potential savings can be realized for the energy transition.



#### Energy Digital

Digitization is fundamentally changing the entire energy system - from generation, grids, trading and sales to consumption and production. The Fraunhofer-Gesellschaft supports its customers in taking advantage of these opportunities and developing new business models.



#### Energy System

Achieving energy and climate policy goals requires a fundamental transformation of the energy system. The comprehensive know-how of the Fraunhofer-Gesellschaft institutes in the energy sector enables us to offer optimal solutions at system level.



#### Energy Efficient

Efficient use of existing resources and the development of innovative solutions in the field of efficiency technologies can be the only way to achieve the goal of an economical, environmentally compatible, secure and socially accepted energy supply.



#### Energy | Climate | Environment

To achieve the goal of an economic, environmentally friendly, safe and socially acceptable energy supply, the Fraunhofer-Gesellschaft is also a competent partner in the field of water-energy-food nexus.

## About Us

With the specialized knowledge and expertise of the 20 member institutes, the Fraunhofer Energy Alliance offers comprehensive services from one source.

In order to be successful with innovative products and to acquire new markets, small and medium-sized enterprises as well as industry and the energy sector, are given access to a wide spectrum of research and development possibilities. The Fraunhofer Energy Alliance also provides this expertise in its function as a consultant to political and societal players and institutions.

### Further Information...

about the wide-ranging competences within our business areas can be found on our homepage:



[www.energie.fraunhofer.de/business-areas](http://www.energie.fraunhofer.de/business-areas)