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## Research in the international technology network

Germany's involvement in the International Energy Agency

The International Energy Agency (IEA) enables scientists and other experts to share energy research on a global basis. The IEA's Technology Network provides the necessary organisational framework for this. The recently published BINE-Themeninfo brochure "Researching in the global network – Germany's contribution to the International Energy Agency" (I/2014) describes a selection of initiatives in which German institutions are actively involved. Themes include energy-efficient buildings, smart grids, energy storage systems and renewable energy sources.

The BINE-Themeninfo brochure focuses on technology initiatives (Implementing Agreements) in which German institutions are engaged. Germany is currently active in 28 of 40 ongoing Implementing Agreements. The brochure presents ten of them in greater detail, whereby the focus is on energy efficiency technologies for buildings, smart grids, district heating networks, energy storage systems and heat pumps. The Photovoltaics, Wind Power, Geothermal Energy and Solar Heating and Cooling initiatives are described from the renewable energy sector. Activities concerned with power plant technology are also focussed on.

The brochure provides a brief description of the history behind the formation of the IEA and describes the structure of the technology network with its most important decision-making body, the "Committee on Energy Research and Technology". Examples from research practice illustrate how international cooperation in the field of energy research can look like. Images and link directories provide readers with an overview of all the initiatives in which German institutions are involved.

The BINE-Themeninfo brochure, which can be obtained free of charge from the BINE Information Service at FIZ Karlsruhe, is available online at [www.bine.info](http://www.bine.info) or by calling +49 (0)228 92379-0. The brochure cover and additional image material are also available for download on this web portal in the press section.

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