

About us...

Managing the transition is one of the biggest challenges of the next years. In particular, the development of a comprehensive approach in the electricity, heat and mobility sectors is fundamentally important. Our goal is to coordinate economic efficiency, technology, climate protection and social acceptance.

The Energy Research Network Hamburg (EFH) was founded with the support of the Senate of the Free and Hanseatic City of Hamburg, as a consortium of the five major universities of Hamburg, in order to connect the diverse expertise in the energy research field and thus generate added scientific value.

With the support of:



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EFH cooperates closely with the of Renewable Energy Hamburg Cluster Agency (EEHH). The interconnection between the EFH and the EEHH occurs through the Research Contact Point (FKS).

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ENERGY RESEARCH NETWORK HAMBURG

For a sustainable energy transition

Our key focus...

Renewable energies and systemdesign:



- Wind energy
- Solar energy



- Biomass / bioenergy



- Grid integration
- Smart grids/ ICT
- Energy storage



- Demand Side Management (DSM)
- Urban energy efficiency

Mobility (in the metropolitan area):



- Electromobility



- Hydrogen
- LNG



- Mobility concepts
- Onshorepower supply
- Logistics concepts

Efficient heat supply and quarters:



- CHP, BTTP, heatpumps, solar heat
- Power to heat



- Heatnetworks
- Thermal storage



- Heat consumers
- Thermal efficiency

Our Objectives ...

Increase networking and cooperation

of the researchers at the universities of Hamburg

Increase research funding and activities in the universities (of applied science) of Hamburg at

- EU-Level
- National Level
- Regional Level

Increase the (scientific) co-operation

between EFH and other national and international research institutions, as well as industry partners / companies / local stakeholders

Motivate sustainable innovations

in the renewable energy field, to strengthen the metropolitan region of Hamburg

What we offer ...

Information about current research funding at EU, national and regional level

Consulting for the initiation of research projects in the area of

- Renewable energies & system design
- Mobility
- Efficient heat supply and quarters

Excellent networking with Hamburg research scientists, authorities and companies operating in the renewable energy field

Support in preparing the project proposal, as well as in bringing together the project consortium; Where necessary, support with administrative issues at the beginning of the project / communication with the project sponsor.

