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# FRAUNHOFER- INHAUS-CENTER

FRAUNHOFER-INHAUS-CENTER FOR  
INTELLIGENT ROOM AND BUILDING SYSTEMS

Research together, develop together and  
successfully access new markets together

### At the inHaus-Center, research and development focus on these subjects:

- Building/planning with IT-support
- Energy transparency/ energy efficiency
- Logistics and operational processes
- Interaction between people and technology
- Multifunctional component building systems
- Sustainable construction
- Performance-oriented rooms
- Security and safety
- Electronic assistance
- Ressources

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## INNOVATIONS FOR BUILDINGS



### The actors

The Fraunhofer-inHaus-Center in Duisburg is a European-wide unique innovation workshop for application-orientated and close to the market research for intelligent room and building systems. The inHaus-Center bundles the potential of several Fraunhofer institutes and more than 120 business partners for the collaborative development, testing and implementation of innovative technology-, product- and system solutions for residential and commercial buildings.

### Goals

Focused on a broad variety of applications, such as Business Office, Hotel, Resources, Residential Living and Health& Care, new concepts for rooms, innovative building material as well as intelligent building technologies and electronic assistance are developed here in order to access new markets. Besides component, system and service innovations for process and component optimized residential and commercial properties, also energy efficiency, resource conservation, safety, design and environmental protection are decisive aspects.

### Supporters and Sponsors



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# PEOPLE NEED A FUTURE – FUTURE NEEDS RESEARCH



## FROM AN IDEA TO A MARKET SUCCESS

BUSINESS UNITS



HEALTH AND CARE

### The Fraunhofer-Gesellschaft

Research of practical utility lies at the heart of all activities pursued by the Fraunhofer Gesellschaft. Founded in 1949, the research organization conducts applied research that drives economic development and serves the benefit of the society. Its services are solicited by customers and contractual partners in industry, the service sector and public administration.

At present, the Fraunhofer-Gesellschaft maintains 67 institutes and research facilities in Germany. 23.000 employees, of whom the majority is qualified as scientists and engineers, work with an annual research budget of over 2 billion euro.

### The inHaus-Center

#### What do we offer our clients and partners?

Innovative components, system solutions and services with new utilization effects by combining design, materials, building technology, microelectronics and information technology for rooms and buildings are called Smart Buildings (commercial buildings) and smart Homes (residential buildings). Such future-oriented solutions lower energy consumption and costs, increase security and lower facility management expenditure. For such system solutions, the Fraunhofer- inHaus-Center offers its clients

a targeted range of offers such as know-how, services and facilities. This ensures that ideas are generated efficiently, conceptualized, prototyped, tested and demonstrated and that innovative system solutions for optimized operational and application processes in commercial and residential properties are, accompanied by the inHaus-Center, successfully introduced to the market.

#### How can you benefit from working with us?

A partnership with the Fraunhofer-InHaus-Center is the basis and driving force behind innovate projects! To cooperatively foster research and development projects for intelligent room – and building systems is the ambition of this partnership. There are different kinds of cooperation agreements-fully focused on your needs and requirements! For receiving utilization rights, free of charge, to the facilities, the control groups of the innovation business units or the participation in a broad range of PR activities, the partners support the operating expenses of the inHaus center with annual contributions. Become part of the innovative force of the Fraunhofer inHaus and join a thrilling network of inHaus-partners!

Find more information on <http://www.inhaus.fraunhofer.de/en/Partners.html>



LIVING



BUILDING AND BUILDING SYSTEMS



ENERGY EFFICIENCY AND FACILITY MANAGEMENT



HOTEL AND EVENT



WORKING



RESOURCES