

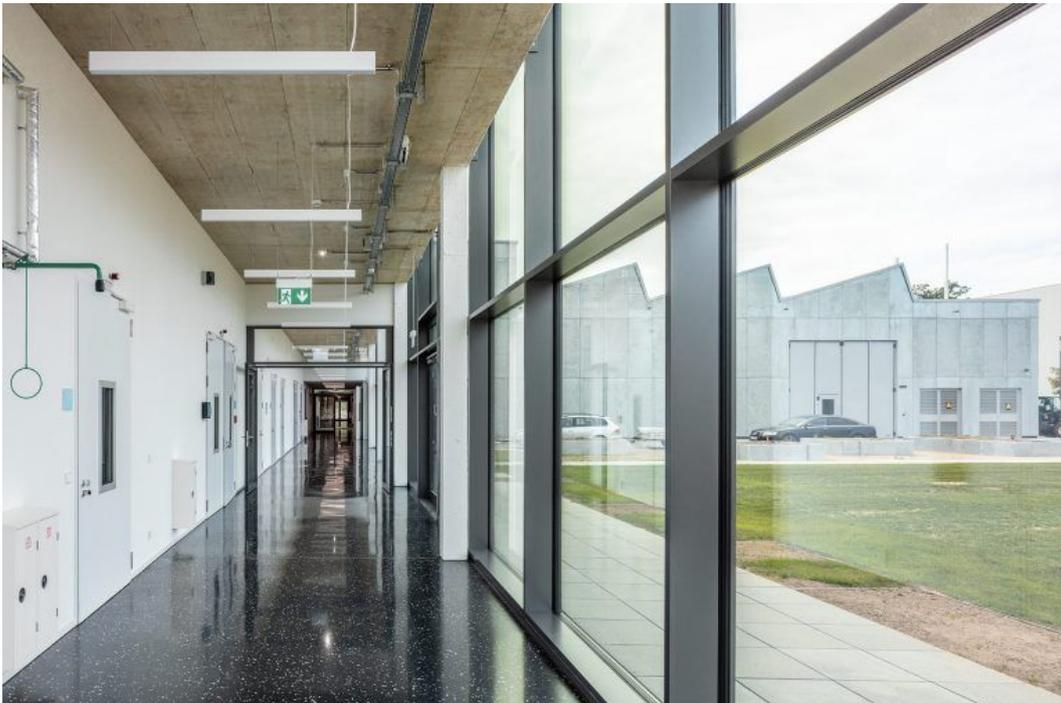
hammeskrause architekten

Project Sheet

Along the Researchers' Lane

Fraunhofer Project Group IWKS, Hanau

#Office #Science



Project Panel

Clients	Fraunhofer Society for the Advancement of Applied Research
User	Fraunhofer Project Group for Material Cycles and Resource Strategies IWKS
Effective Area	2726 qm
Floor Area	5206 qm
Floor Volume	26398 cbm
Completion	2020

hammeskrause architekten

Awards

BNB-Silber Zertifikat (Assessment System for Sustainable Building in Federal Buildings by the German Building Ministry)

Photos

Wolf-Dieter Gericke

The Fraunhofer Research Institution for Materials Recycling and Resource Strategies (IWKS) explores the fields of resource strategies, recycling, material cycles and substitution with the intention of securing industries' long-term supply of raw materials. The new building containing offices, laboratories and other technical departments offers space for 80 staff on approximately 2,600 square metres. The **overall modular concept**, realised with the innovative approach of a “researchers' lane” to easily connect all functional areas, facilitates **maximum flexibility for future research approaches** and further extensions. The building's programme features heterogeneous requirements of space regarding depth and height for diverse functions including offices, laboratories, technical facilities as well as specialist laboratories.



On the entry level, all public functions are grouped around the atrium stretching the full height of the building. Inserted between the office and laboratory areas, this **bright centre forms the compact building's core**. The

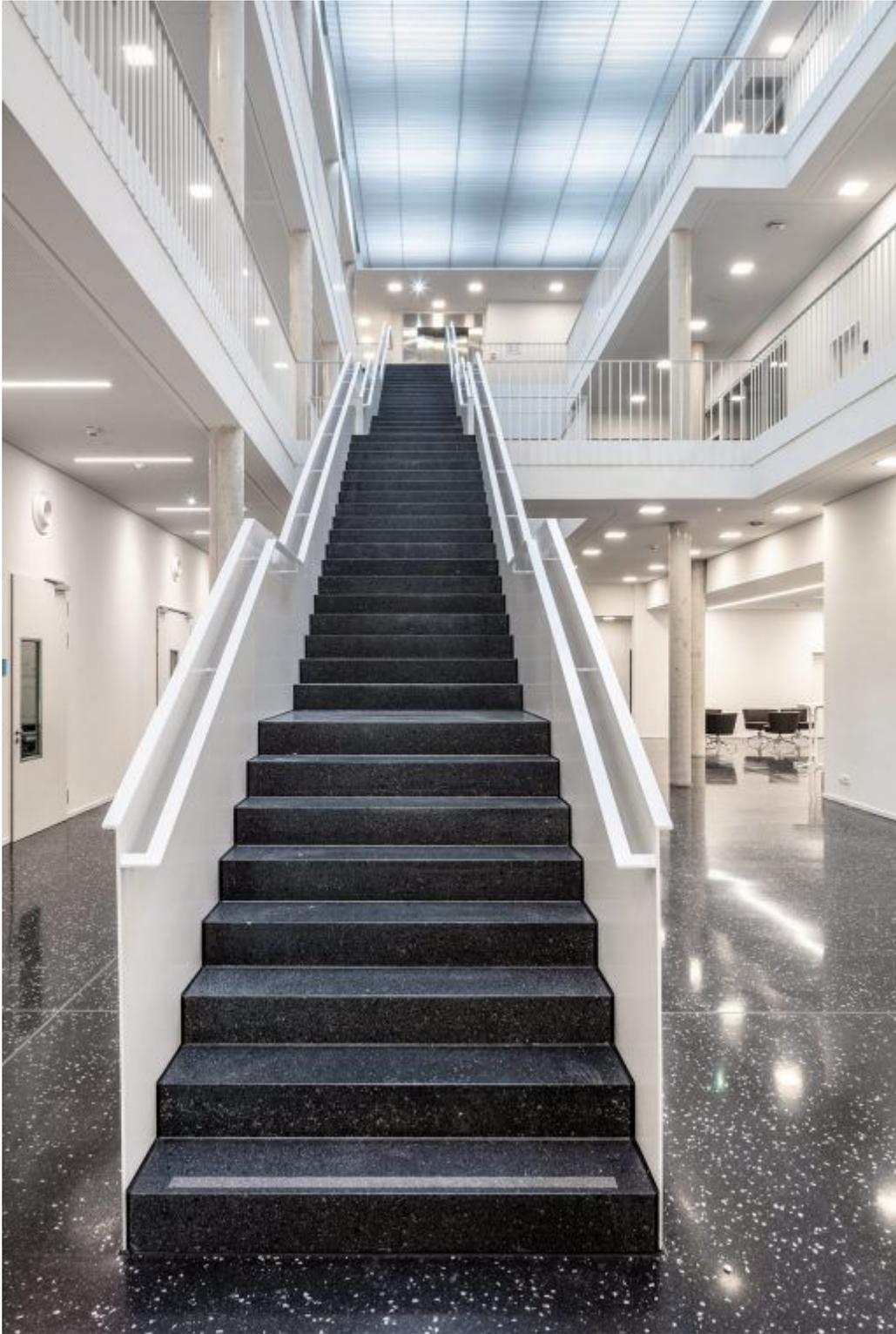
hammeskrause architekten

atrium is the communicative heart, it is here that all paths convene, it negotiates **between internal and external communication.**



All functions connect along the »researchers' lane«. Compact and with short distances, the building allows a clear orientation.

hammeskrause architekten



The inviting atmosphere is characterised by **openness and transparency**, nonetheless the very high requirements on confidentiality are met. Spatial density, generous spaces spanning several storeys and daylight within contribute to an **identity-generating work environment with a high atmospheric quality**.

hammeskrause architekten



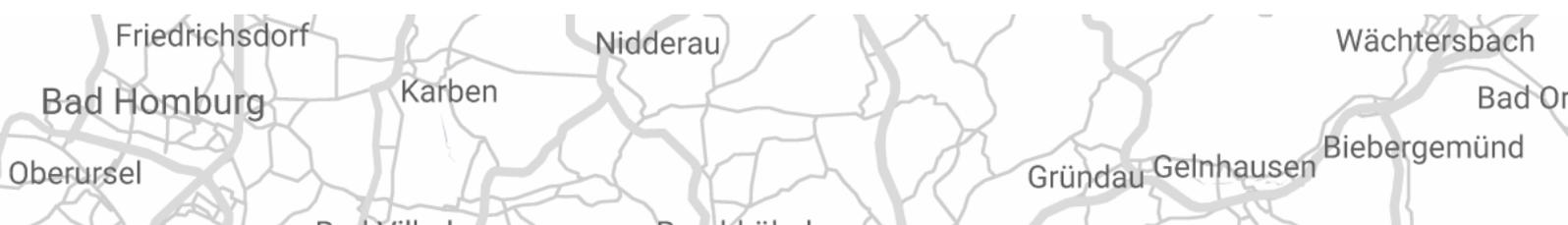
On all levels, communication zones, like the **library, tea kitchens, lounge areas as well as meeting and seminar rooms**, are grouped around the three-storey high atrium.

Research at the Fraunhofer Institution makes a strong contribution to the development of new sustainable technologies, optimising existing ones and in the sense of optimised resource efficiency keeping implemented materials within the economic and raw materials cycle.

Prof. Dr. Raimund Neugebauer, President of the Fraunhofer Society

Sustainability in the building industry

Fraunhofer IWKS's specific research foci have engendered significant impulses, e.g. by establishing a resource efficient **circular economy**. When choosing the materials we ruled out composites in favour of **recyclable constructions** which, after use, can be **disassembled according to type**.



hammeskrause architekten

Location

Fraunhofer Project Group IWKS, Hanau

Aschaffenburger Straße 121

63457 Hanau

Deutschland