



The five-storey building houses the boardrooms, offices, works restaurant, electronics laboratories and the new multi-storey main entrance hall of SMA Solar Technology AG, and creates a new prestigious address facing onto the open space of the the river Fulda valley.

The functional modern appearance with integrated photovoltaic (PV) modules in the façade and roof is an outward reflection of the company's philosophy.

The use of flexible office partitions enables the interior to be adapted to constantly-changing requirements.

As well as the PV system integrated into the fabric of the building, the ceilings are of thermally-activated concrete slabs operated by geothermal energy and heat pumps. These provide a comfortable interior climate and, in combination with the PV, markedly reduce the primary energy requirement for cooling and heating.

Office building, Niestetal

Client
SMA Immo GmbH, Niestetal

Architecture
HHS Planer + Architekten AG, Kassel

Structural engineering
IB Goldmann, Habichtswald-Ehlen

HVAC
IB Dürrbaum, Kassel

Acoustic design
ita Ingenieurgesellschaft für technische Akustik mbH
Wiesbaden

Planning and building dates 07/2006 - 08/2008

GFA / GV 12.350 m² / 46.400 m³

Service phases 1 - 8

Cost 12,24 Mio. Euro



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Niestetal**

