

International Green Roof Association Global Networking for Green Roofs



Project Data

Project:	“Norddeutsche Landesbank”
Client:	Norddeutsche Landesbank
Location (City, Country):	Hannover, Germany
Year of Construction:	2001/2002
Roof Size:	Extensive: 3,500 sqm Intensive: 1,500 sqm
Building Type:	Industrial
Green Roof Type:	Extensive and intensive
Vegetation:	Sedum landscape, bulbs
Architect/Designer:	Behnisch, Behnisch & Partner, Stuttgart Nagel, Schonhoff + Partner, Hannover
Contractor:	Boymann GmbH, Glandorf

“Norddeutsche Landesbank”

The new building of the Norddeutsche Landesbank of Hanover contains approx. 5,000 sqm of green roof. The fundamental concept of the external design was “not to simply green the building by using a lot of plants, but to design a platform which compliments the building structure”, as stated by the project leading landscape architect Volker Lange. The design concept, therefore, answers the distinctiveness and strength of the architecture by creating an intensive connection between internal and external space.

Plants were placed in the roof decks in a specific manner to indicate important direction and provide prominent sectors with lines, shapes and materials. Predominantly using sedum species (e.g. on the inaccessible 50 m high roofs), complemented in part with bulbs, the extensive build-up is given a meadow-like character.

The roofs of the company restaurant were provided with intensive vegetation. The drip irrigation system allows for lush green vegetation, even in dry summer months. Round plant islands were integrated into in the decks of red cedarwood.

