

## International Green Roof Association Global Networking for Green Roofs



### Project Data

Project:	“Park & Ride Facilities”
Client:	Trade Fair Munich
Location (City, Country):	Munich, Germany
Year of Construction:	2001/2002
Roof Size:	8,700 sqm
Slope:	6,5-17%
Building Type:	Industrial
Green Roof Type:	Intensive
Vegetation:	Grasses
Architect/Designer:	Realgruen, Munich
Contractor:	Landscaping Greitzer, Saxonia

### “Park & Ride Facilities”

The main idea is essentially connected with the urban development plan: The sharp edge along the Willy-Brandt-Allee leads up to the Alfons-Goppel-Strasse, continuing to the trade show buildings, and then coming down the steps to the entrance. A green roof is all you can see from the entrance on the North side; this does not hinder the visual appearance, but creates visual interest. Lawn strips, are perforated and warped (raised/lowered) in some places: A Lawn carpet the forecourt of the trade show building, reinforced lawn on the bus station, lawn roofs and lawn carpets in the inner courtyards, and a lawn carpet which rolls in from the trade show street to the Shallow Southern trench.

The care of the roof areas is done by mowing robots (Husqvarna - “Auto Mower”). These are solar-powered mowers, which are continuously mowing the roof area randomly, and are controlled by an integrated microprocessor. In this manner, the lawn is always kept at the same height. To ensure a green appearance of the roof lawns, even in times of drought, a fully automatic sprinkler system provides water. The sloping roof areas require “overhead sprinkling” - on flat roofs you can also work with the dam-up irrigation system.

