

Brachvogelweg



location: Hamburg-Lurup, Germany
dates: 1998-2002
type: new residential area

use: residential

size: 1,0 hectares, 45 dwellings

people: 125 inhabitants

actors: Bau- und Wohngenossenschaft Brachvogel eG

goals: low-energy standard and passive-house standard
 use of sustainable building materials
 additional use of solar energy

energy use	KWh/m ²
heating, goal	33
heating, achieved	33
heating, best	10
systems	
district heating	x
combined heat & power	
solar panels	
solar cells	x
biomass and refuse	
wind power	
natural ventilation	
forced vent.w/heat recovery	x
non-renewable energy	x
individual metering	

construction

low-energy standard and passive-house standard
 with brick casing
 air tight buildings with elimination of thermal bridges
 water saving fixtures
 energy saving appliances
 sustainable materials

amenities

primary school, children's day-care centre, public transportation, shops in walking distance

special projects

solar cells
 partly barrier free for elderly people
 public meeting areas
 resident participation

site ecology

rain water collection
 waste separation
 green roofs
 partly green facades



process and history

In 1998 the "Brachvogel" cooperative was able to acquire a property in the west of Hamburg and started to bring together people who were interested in developing and inhabiting a new residential area which should be built according to high ecological and energetic standards. Within four years a group of about 60 persons organized monthly meetings and

results

The planning and decision process worked out well and during the four years of preparation a good consensus between all the participants could be achieved. It resulted in a strong identification of the inhabitants with the project.

The quality control throughout the whole planning and building process had assured that the promoted energetic and ecological goals have been reached.

The project "Brachvogelweg" can serve as an example for further similar residential development activities, concerning as well the resident participation as the sustainable way of building.

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sources: **Wohnprojekt Brachvogelweg**, Bau- und Wohngenossenschaft Brachvogel eG,
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www.brachvogel-eg.de

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