

Scharnhäuser Park

Ostfildern, Germany



Ramboll Studio Dreiseitl



Size:
346 acres, 3,500 dwellings






Dates:
1992 - 2004

Project Team:
City of Ostfildern, Gerhard Hauber

Scharnhäuser Park is a brownfield redevelopment project that contains a much-needed residential neighborhood with some workplaces. It is an ecological community development that exemplifies sustainable living.

Goals & Strategies

 Place	
Limits to Growth	<p>Goals: Goals not defined.</p> <p>Strategies: Strategies not reported.</p>
Food	<p>Goals: Goals not defined.</p> <p>Strategies: Orchard and cultural connection to agriculture. Local agriculture products sold in stores.</p>
Habitat	<p>Goals: Goals not defined.</p> <p>Strategies: 61 acres of parks, 104 acres of uncultivated open space. Rainwater retention gardens.</p>
Transportation	<p>Goals: Goals not defined.</p> <p>Strategies: Public transportation links to greater city, including a light rail station. Bicycle infrastructure. Parking reduced to 1 spot per unit. Walking paths.</p>
 Water	
Water	<p>Goals: 100% of stormwater remains on site through infiltration or harvesting.</p> <p>Strategies: Stormwater is directed into retention beds; rainwater is either captured or returned to the water table. Direct infiltration drainage system. Stormwater retention trenches that are staggered to filter water before it enters the river.</p>

 Energy	
Energy	<p>Goals: Utilize efficient construction standards for buildings.</p> <p>Strategies: Solar PV, solar hot water, geothermal energy, efficient design, district heating.</p>
 Health + Happiness (Details not reported by researchers)	
 Materials	
Material Plan	<p>Goals: Goals not defined.</p> <p>Strategies: Strategies not reported.</p>
Embodied Energy & Carbon	<p>Goals: Goals not defined.</p> <p>Strategies: Renovation of existing buildings. Energy-efficient construction.</p>
Waste	<p>Goals: Goals not defined.</p> <p>Strategies: Reuse of existing building materials. Construction waste recycled and repurposed for roads. Waste facilities.</p>
 Equity	
Neighborhood & Access	<p>Goals: Goals not defined.</p> <p>Strategies: Public access to streets. Human-scale design.</p>
Access to Nature	<p>Goals: Goals not defined.</p> <p>Strategies: Climate protection concept, website detailing resilient strategies.</p>
Access to Community Services	<p>Goals: Goals not defined.</p> <p>Strategies: Community services and centers. Schools, open park space. Public art, educational opportunities.</p>
Investment	<p>Goals: Goals not defined.</p> <p>Strategies: Strategies not reported.</p>
 Beauty	(Details not provided by researchers)

> See next page for Performance Levels achieved

Performance Levels Achieved:

	Standard	Good	Better	Living	Regenerative
Place					
Limits to Growth					
Food					
Habitat					
Transportation					
Water					
Energy					
Health + Happiness					
Civilized Environment					
Neighborhood Design					
Biophilia					
Resilient Connections	Not specified				
Materials					
Material Plan					
Embodied Energy & Carbon					
Waste					
Equity					
Neighborhood & Access					
Access to Nature					
Access to Community Services					
Investment					
Beauty					
Beauty & Spirit					
Inspiration					

Sources:

<https://ramboll.com/projects/germany/scharnhauser-park>

**Note: This case study was developed using found information.*

21st Century Development is a model for the creation of regenerative communities that strives to provide a healthy environment for all people and living systems now and in a dynamic future.

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