

## **Scharnhauser Park**

Ostfildern, Germany



Size: 346 acres, 3,500 dwellings

**Dates:** 1992 - 2004

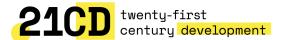
**Project Team:** City of Ostfildern, Gerhard Hauber

Ramboll Studio Dreiseitl

Scharnhauser 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.

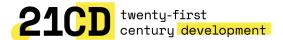
## **Goals & Strategies**

🕂 Place	
Limits to Growth	Goals: Goals not defined. Strategies: Strategies not reported.
Food	<b>Goals:</b> Goals not defined. <b>Strategies:</b> Orchard and cultural connection to agriculture. Local agriculture products sold in stores.
Habitat	<b>Goals:</b> Goals not defined. <b>Strategies:</b> 61 acres of parks, 104 acres of uncultivated open space. Rainwater retention gardens.
Transportation	<b>Goals:</b> Goals not defined. <b>Strategies:</b> Public transportation links to greater city, including a light rail station. Bicycle infrastructure. Parking reduced to 1 spot per unit. Walking paths.
🖒 Water	
Water	<b>Goals:</b> 100% of stormwater remains on site through infiltration or harvesting. <b>Strategies:</b> 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.

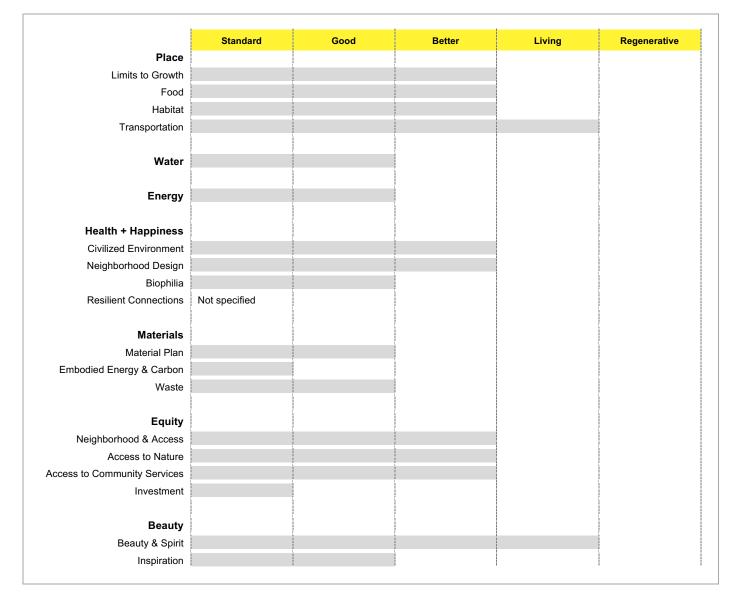


4 Energy		
Energy	<b>Goals:</b> Utilize efficient construction standards for buildings. <b>Strategies:</b> Solar PV, solar hot water, geothermal energy, efficient design, district heating.	
<b>仔 Health + Happiness</b> (Details not reported by researchers)		
Se Materials		
Material Plan	Goals: Goals not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

> See next page for Performance Levels achieved



## **Performance Levels Achieved:**



## 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.

The initiative is created and supported by a partnership of AIA Minnesota, the Center for Sustainable Building Research, Colloqate Design and The McKnight Foundation.





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