## **SCHARNHAUSER PARK |** Ostfildern, Germany



Size: 346 acres, 3,500 dwellings

Dates: 1992-2004

Team: City of Ostfildern, landscape architect: Gerhard

Hauber

Description: Scharnhauser Park is a brownfield redevelopment project that contains a much needed residential

neighborhood with some work places

Intent: Create an ecological community development that

exemplifies sustainable living



GOALS: (Food) Not defined; (Habitat+Biodiversity) Not defined; (Transport) Not defined

STRATEGIES: (Food) Orchard and cultural connection to agriculture, local agriculture sold in stores; (Habitat+Biodiversity) 61 acres of parks, 104 acres of uncultivated open space, rain water retention gardens; (Transport) Public transportation links to greater city including a light rail station, bicycle infrastructure, parking reduced to 1 spot per unit, walking paths



GOALS: 100% of storm water remains on site through infiltration or harvesting

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



GOALS: Utilize efficient construction standards for buildings

STRATEGIES: Solar PV, solar hot water, geothermal energy, efficient design, district heating



Percentage of affordable units: Units are market rate though programs exit to support affordability GOALS: Not defined

STRATEGIES: Public access to streets, human scale design, community services and centers , schools, open park space, climate protection concept, website detailing resilient strategies, public art, educational opportunities



GOALS: (Materials) Not defined; (Waste) Not defined

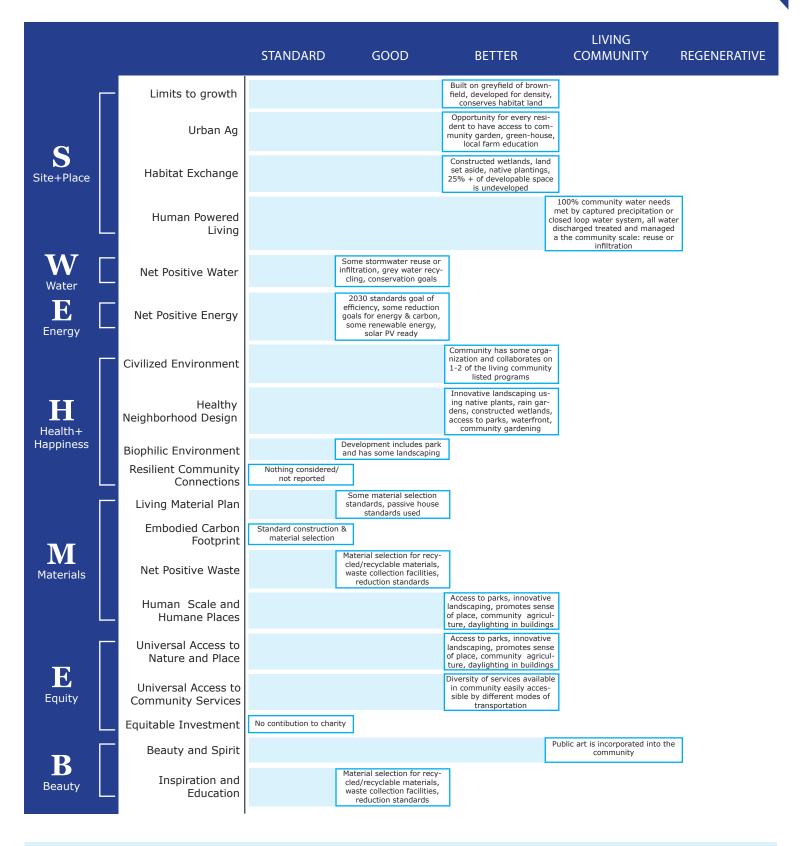
STRATEGIES: (Materials) Renovation of existing buildings, energy efficient construction; (Waste) Re-use of existing buildings material, construction waste recycled and re-purposed for roads, waste facilities







## SUSTAINABILITY MATRIX



## SOURCES:

http://www.energy-cities.eu/IMG/pdf/Scharnhauser\_Park\_EN.pdf http://www.ramboll.com/projects/germany/scharnhauser-park

http://www.ostfildern.de/scharnhauser\_park.html





