

ZAC Danube

Strasbourg, France



Size:

17 acres, 700 units, commercial space

Dates:

2007 planning. 2013 – 2017 construction.

Project Team:

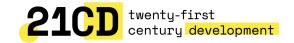
Urban Community of Strasbourg, Department of Urban Planning, Veicher Architects

Photo from cte-sa.cor

ZAC Danube is a brownfield reclamation and renovation of an industrial site, which will become a **sustainable neighborhood district.** It embraces environmental responsibility and the city of Strasbourg and is designed to be an example for future development.

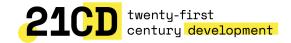
Goals & Strategies

Place	
Food	Goals: Goals not specified. Strategies: Strategies not reported.
Habitat	Goals: 30% (2 acres) open space. Strategies: Green roofs. Park space. Landscape species selected for biodiversity.
Transportation	Goals: Goals not specified. Strategies: Limited vehicle access. 0.5 parking spaces per unit. Pedestrian paths, bicycle infrastructure, carshare and carpooling programs. Proximity to tramline.
Water	
Water	Goals: Goals not specified. Strategies: Reuse of greywater and rainwater for non-potable uses.

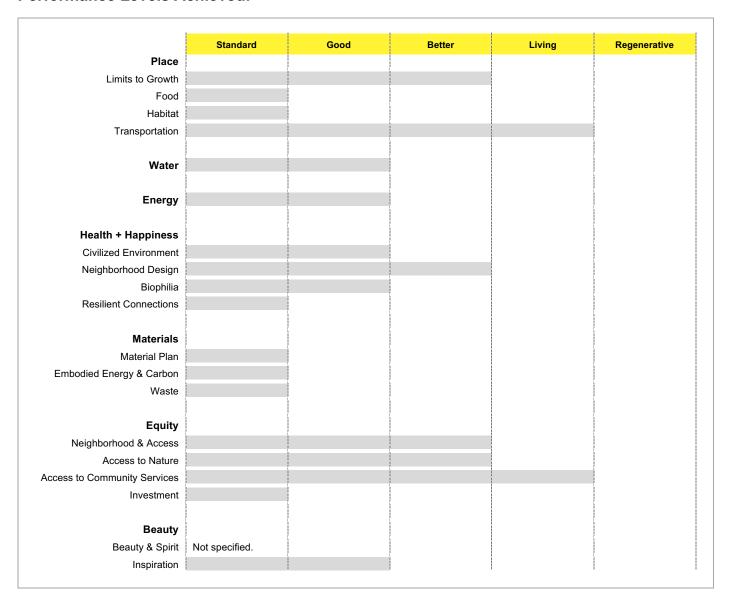


4 Energy		
Energy	Goals: 65% of energy demands met by efficiency measures. Energy demand: 40 KWh/m ² Strategies: Solar PV, solar thermal heating. Cogeneration, biogas for heating. Passive house principles. Predesign studies. Positive-energy houses.	
Health + Happiness (Details not provided by researchers)		
⊗ Materials		
Material Plan	Goals: Goals not specified. Strategies: Strategies not reported.	
Materials	Goals: Goals not specified. Strategies: Strategies not reported.	
Waste	Goals: Goals not specified. Strategies: Remediation of site soil. Separation of waste, composting. Waste-to-energy.	
吕 Equity		
Neighborhood & Access	Goals: 50% rental units. Student units. Owner-occupied units. 35 assisted housing units. Strategies: Unique architecture from different firms. Walkable.	
Access to Nature	Goals: Goals not specified. Strategies: Master planning of the ecodistrict. Park space, riverfront access.	
Access to Community Services	Goals: Goals not specified. Strategies: Cultural centers. Resident governance over district.	
Beauty	(Details not provided by researchers)	

> See next page for Performance Levels achieved



Performance Levels Achieved:



Sources:

https://www.buildup.eu/en/practices/cases/eco-quartier-strasbourg https://sers.eu/realisations/zac-danube-strasbourg/ http://www.lesarchitectes.com/wp-content/uploads/134.pdf https://www.strasbourg.eu/urbanisme-actions-projets

*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.







