

# ZAC Danube

Strasbourg, France



Photo from cte-sa.com

## 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

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

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

> See next page for Performance Levels achieved

**Performance Levels Achieved:**

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

**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.

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