ECOQUARTIER | Pfaffenhofen, Germany

Size: 21.5 acres
Dates: 2010-2050 ongoing development
Team: Ministry VROM

Description: Ecoquartier is a planned residential community with a separate commercial district. The walkable development utilizes energy efficient construction and storm water management wetlands.

Intent: 100% renewable energy, carbon neutrality, walkable community with a schools, stores, and other services.

GOALS: (Food) NA; (Habitat+Biodiversity) NA; (Transport) NA

STRATEGIES: (Food) Ecoquartier is located in an agrarian area with access to local produce, gardening; (Habitat+Biodiversity) Open space design for landscaping, tree planting, constructed wetlands, retention basins for flood prevention, gardening is allowed; (Transport) Car sharing, public transportation access, electric vehicles, bi-cycles, limited parking spaces, train station within 0.5 miles, limited vehicle access.

GOALS: NA

STRATEGIES: Two water circuits for potable and hot water, greywater filtered through constructed wetlands.

GOALS: Carbon neutral by 2050, 100% renewable energy.

STRATEGIES: Solar PV on roof tops required to maximize roof utilization, PV in field to cover demand, district solar thermal heating, energy efficiency.

Percentage of affordable units: NA
GOALS: NA

STRATEGIES: Different architecture styles, plots can be purchased within the village for a new house to be built within the requirements, walking paths, community buildings and services, biophilic design and landscaping, a community services and schools within 2 mile radius of the community.

GOALS: (Materials) NA; (Waste) NA

STRATEGIES: (Materials) Cradle-to-cradle philosophy for material selection, Carbon footprint calculations and LCAs conducted on material selection, non-toxic materials; (Waste) Recycling infrastructure, education on recycling, material selection that reduces CO2.
## Ecoquartier | Pfaffenhofen, Germany

### SUSTAINABILITY MATRIX

<table>
<thead>
<tr>
<th></th>
<th>STANDARD</th>
<th>GOOD</th>
<th>BETTER</th>
<th>LIVING COMMUNITY</th>
<th>REGENERATIVE</th>
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<tbody>
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<td><strong>Site+Place</strong></td>
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<td>- Developed for density/limits growth, contains open space</td>
<td>- Some community garden space</td>
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<td>- 2030 standards of efficiency, advanced construction techniques, ongoing monitoring to meet goals, net +ve energy, carbon neutral goals, 100% renewable energy</td>
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<td>- Rigorous material selection standards, material plan made available to public</td>
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