

# RiverCity

Älvstaden, Gothenburg, Sweden


**Size:**

259 acres; 500,000 residents;  
25,000 apartments

**Dates:**



2009–2021






**Project Team:**

Project manager Bo Aronsson

**RiverCity is an urban redevelopment vision for the city of Gothenburg.** The plan will unite 7 city districts and create a sustainable lifestyle. The intent of the development is to connect the city's communities, create a vibrant city center, and promote easy ways to live sustainably.

## Goals & Strategies

 Place	
Food	<b>Goals:</b> Create diversity in food sources. <b>Strategies:</b> Compostable waste from the city is composted for local agriculture.
Habitat	<b>Goals:</b> Goals not defined. <b>Strategies:</b> Create a network of parks and green spaces. Repair river ecology. Incorporate green roofs, rainwater collection, stormwater ponds, and retention ponds.
Transportation	<b>Goals:</b> Minimize traffic and promote walkable development. <b>Strategies:</b> Provide diverse transportation options such as bicycle infrastructure, park and ride, and public transit connections including buses, railways, and ships. Create boulevards instead of freeways, and tunnel railways.
 Water	
Water	<b>Goals:</b> Integrate water management into the urban space. <b>Strategies:</b> Rainwater capture, rainwater storage, and stormwater management through green roofs and constructed wetlands.

 <b>Energy</b>	
<b>Energy</b>	<p><b>Goals:</b> Test and promote innovative strategies and renewable energy technologies. Reduce greenhouse gas emissions by 40% by 2020.</p> <p><b>Strategies:</b> Smart grid technology, integrated solar PV, wind turbines, and district heating incorporated. District heating can also be used for ice-free bike paths.</p>
 <b>Health + Happiness</b> (Details not provided by researchers)	
 <b>Materials</b>	
<b>Material Plan</b>	<p><b>Goals:</b> Goals not defined.</p> <p><b>Strategies:</b> Life-cycle assessment of the development. The development is holding a competition for architects to innovate while using sustainable materials.</p>
<b>Waste</b>	<p><b>Goals:</b> Reduce waste.</p> <p><b>Strategies:</b> Composting services, recycling.</p>
 <b>Equity</b>	
<b>Access to Nature</b>	<p><b>Goals:</b> Link together formerly isolated communities with a variety of public spaces for all ages. Ensure everyone has access to riverbanks.</p> <p><b>Strategies:</b> Community involvement in planning, parks, public meeting spaces, public art, walkable community, pedestrian bridges, waterfront promenades, marinas, and easy access to services.</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:

[http://alvstaden.goteborg.se/wp-content/uploads/2012/12/rivercity\\_vision\\_eng\\_web.pdf](http://alvstaden.goteborg.se/wp-content/uploads/2012/12/rivercity_vision_eng_web.pdf)

<http://alvstaden.goteborg.se/?lang=en>

*\*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.

