

RiverCity

Älvstaden, Gothenburg, Sweden



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

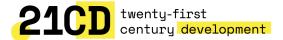
Dates: 2009–2021

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.

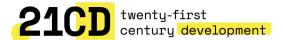
🕅 Place	
Food	Goals: Create diversity in food sources. Strategies: Compostable waste from the city is composted for local agriculture.
Habitat	Goals: Goals not defined. Strategies: Create a network of parks and green spaces. Repair river ecology. Incorporate green roofs, rainwater collection, stormwater ponds, and retention ponds.
Transportation	Goals: Minimize traffic and promote walkable development. Strategies: 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	Goals: Integrate water management into the urban space. Strategies: Rainwater capture, rainwater storage, and stormwater management through green roofs and constructed wetlands.

Goals & Strategies

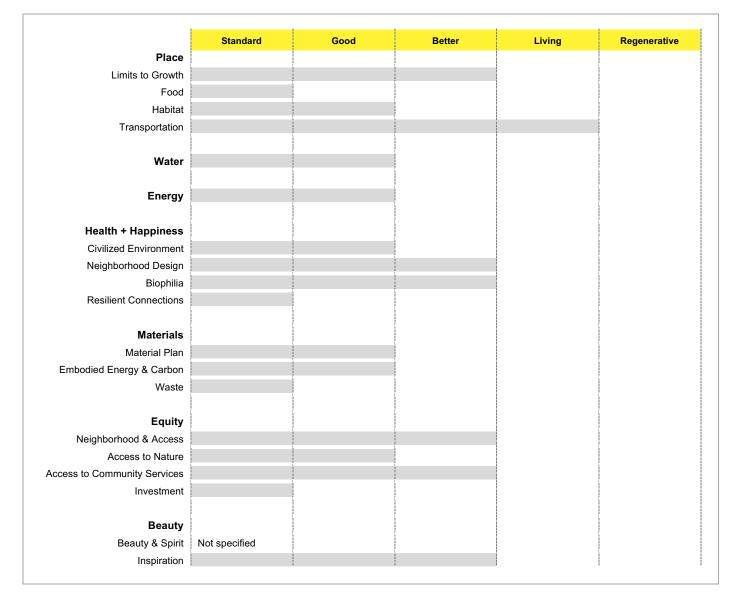


4 Energy	
Energy	Goals: Test and promote innovative strategies and renewable energy technologies. Reduce greenhouse gas emissions by 40% by 2020.
	Strategies: Smart grid technology, integrated solar PV, wind turbines, and district heating incorporated. District heating can also be used for ice-free bike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

> See next page for Performance Levels achieved



Performance Levels Achieved:



Sources:

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.

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