

Hollerich Village

Luxembourg City, Luxembourg



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Size:

9 acres

Dates:

2013 – 2030



Project Team:





Schuler Group (Developer)

Hollerich Village is a greyfield redevelopment that will create a zero-energy live-work community.

They are part of the One Living Planet program and Bioregional. Hollerich's goals include promoting the local economy, increasing the resiliency of Luxembourg, improving the quality of life and health of the citizens, and reducing the ecological footprint of the new development by promoting a sustainable lifestyle.

Goals & Strategies

 Place	
Food	Goals: All residents have access to food growing space. Strategies: Community garden space. Access to local produce through farmers market.
Habitat	Goals: Increase biodiversity. Strategies: All roofs are green roofs. Network of green spaces and habitat corridors, beehives.
Transportation	Goals: 80% of resident trips are vehicle-free. Potential to reduce parking spaces in the future. Strategies: Located near public transportation and train stations. 1 parking space per home. Designed to enable shortest distance by foot.
 Water	
Water	Goals: Maximum consumption of 26 gallons of water per person, per day. Strategies: 50% of water used on site will be treated on site.

 Energy	
Energy	<p>Goals: Net-zero energy and zero-carbon community.</p> <p>Strategies: 100% heating demand met by onsite renewable resources. 20% of electricity demand met by onsite solar PV. Remainder of energy generated from offsite renewable energy.</p>
 Health + Happiness (Details not provided by researchers)	
 Materials	
Embodied Energy & Carbon	<p>Goals: Reduce embodied energy in construction materials.</p> <p>Strategies: A50% of construction materials sourced within 100 miles. Materials selected with LCA analysis and ecological impact analysis.</p>
Waste	<p>Goals: Zero waste.</p> <p>Strategies: 75% of waste recycled. 50% reduction in per capita waste generation.</p>
 Equity	
Neighborhood & Access	<p>Goals: Promote local economy, improve sense of well-being.</p> <p>Strategies: Human-scale design. Local economy promoted through incubator business space. Senior citizen living. Biennial survey demonstrates 25% increase in well-being of residents.</p>
Access to Community Services	<p>Goals: Goals not defined.</p> <p>Strategies: Community center, schools. Website with community updates on workshops and events.</p>
 Beauty	(Details not provided by researchers)

> See next page for Performance Levels achieved

Performance Levels Achieved:

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

Sources:

<http://www.futuresdiamond.com/casi2020/casipedia/cases/the-hollerich-village/>

<https://luxtimes.lu/archives/12864-work-to-begin-on-new-green-district-in-2018>

*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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