

Nordhavnen

Copenhagen, Denmark



Nordhavnen

Size:

495 acres, 40,000 residents

Dates:



2008 – 2058






Project Team:

CPH City and Port Development,
City of Copenhagen Architects:
COBE, Polyform, Sleth Modernism

Nordhavnen will occupy a former industrial site port and be comprised of 50% dwellings and 50% commercial space. It is designed to provide inspiration for the sustainable cities of the future.

Goals & Strategies

 Place	
Limits to Growth	Goals: Goals not defined. Strategies: Strategies not reported.
Food	Goals: Goals not defined. Strategies: Markets, connection to the greater community.
Habitat	Goals: Goals not defined. Strategies: Pocket parks, wetland habitat created throughout the island development. Attractive public park space.
Transportation	Goals: Five-Minute City. Strategies: Traffic areas for cars. Multistory parking ramps and little to no on-street parking. Electric vehicle infrastructure. Bicycle infrastructure. Pedestrian paths connect to all parts of the plan. Metro station connects to greater Copenhagen. Canals for boat traffic.
 Water	(Details not provided by researchers)

 Energy	
Energy	Goals: DGNB CO ₂ Gold Certification. Strategies: Smart grid that will set the groundwork for the next 40 years of development. Wind turbines, geothermal energy, heat storage, district cooling.
 Health + Happiness (Details not provided by researchers)	
 Materials	
Material Plan	Goals: Goals not defined. Strategies: Strategies not reported
Embodied Energy & Carbon	Goals: Carbon-neutral development. Strategies: Building with minimal use of energy. Allow for transformation over time of the building fabric.
Waste	Goals: Goals not defined. Strategies: Waste organization system connected to the greater city.
 Equity	
Neighborhood & Access	Goals: Goals not defined. Strategies: Public access to streets and waterfronts; human-scale design. Swimming areas, beaches, parks, promenades, piers, squares, markets, flexible zones.
Access to Nature	Goals: Goals not defined. Strategies: Strategies not reported.
Access to Community Services	Goals: Goals not defined. Strategies: Strategies not reported.
Investment	Goals: Goals not defined. Strategies: Strategies not reported.
 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:

<https://byoghavn.dk/nordhavn/>

<https://ramboll.com/media/articles/transport/nordhavnen-theme>

*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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