

# Nordhavnen

Copenhagen, Denmark



Size:

495 acres, 40,000 residents

### Dates:

2008 - 2058

### **Project Team:**

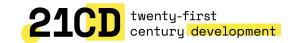
CPH City and Port Development, City of Copenhagen Architects: COBE, Polyform, Sleth Modernism

Nordhavnen

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**

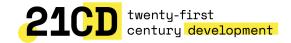
<u>Q</u> Place			
Limits to Growth	Goals: Goals not defined.  Strategies: Strategies not reported.		
Food	Goals: Goals not defined.  Strategies: Markets, connection to the greater community.		
Habitat	Goals: Goals not defined.  Strategies: Pocket parks, wetland habitat created throughout the island development. 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.		
<b>⊘</b> Water	(Details not provided by researchers)		



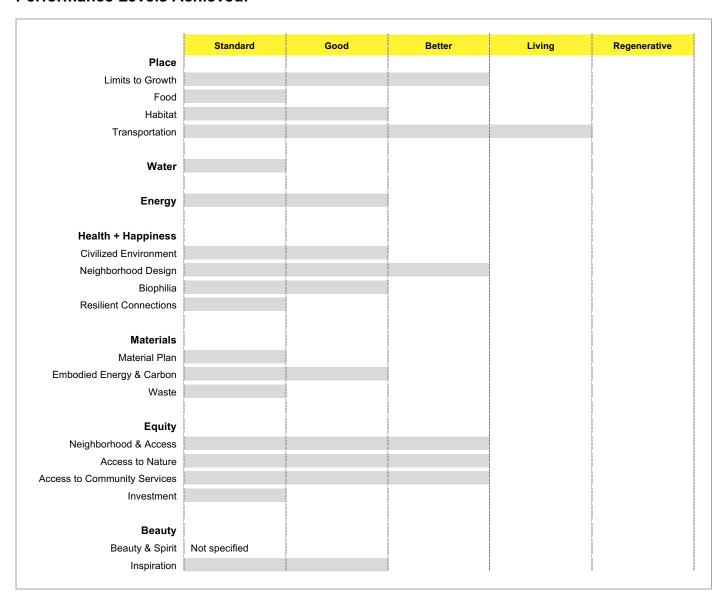
<i>⁴</i> Energy				
Energy	Goals: DGNB CO <sub>2</sub> Gold Certification.  Strategies: Smart grid that will set the groundwork for the next 40 years of development. Wind turbines, geothermal energy, heat storage, district cooling.			
다 Health + Happiness (Details not provided by researchers)				
<b>⊗</b> 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.			
吕 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)	
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<sup>&</sup>gt; See next page for Performance Levels achieved



### **Performance Levels Achieved:**



#### 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.

The initiative is created and supported by a partnership of AIA Minnesota, the Center for Sustainable Building Research, Colloqate Design and The McKnight Foundation.







