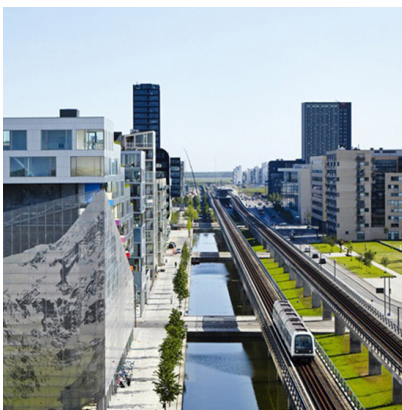


ØSTADEN | Copenhagen, Denmark



Size: 766 acres, 20,000 residents

Dates: 1995-2025

Team: CPH City & Port Development, Architects: Bjarke Ingels (BIG), Lundgaard & Tranberg, ATE Liers Jean Nouvel, PLOT, 3Xn, Daniel Libeskind

Description: Ørestad is a master planned sustainable city district that aspires to have a mix of commercial and residential districts

Intent: Create a dynamic neighborhoods that are attractive to live and work in

S
Sit+Place

GOALS: (Food) Not defined ; (Habitat+Biodiversity) Not defined ; (Transport) Not defined

STRATEGIES: (Food) Some apartment buildings have garden space ; (Habitat+Biodiversity) Canal system and landscaping of wetlands, 30% of the project land is allocated as open space, some open space is protected ; (Transport) 6 metro stations, elevated light rail, discourage car travel, bike infrastructure, parking in parking ramps with permit

W
Water

GOALS: Not defined

STRATEGIES: Not reported

E
Energy

GOALS: Not defined

STRATEGIES: Some buildings utilize photovoltaics, buildings oriented and designed for daylighting

E
Equity

Percentage of affordable units: Not defined
GOALS: 60% residential, 20% commercial, 20% cultural

STRATEGIES: Public access to streets, human scale design, mixture of housing types, housing units designed for daylight, access to green spaces, access to universities, community centers, services, unique architecture, on-line community network

M
Materials

GOALS: (Materials) Not defined ; (Waste) Not defined

STRATEGIES: (Materials) Not reported ; (Waste) Not reported

SUSTAINABILITY MATRIX

		STANDARD	GOOD	BETTER	LIVING COMMUNITY	REGENERATIVE
S Site+Place	Limits to growth			Built on greyfield of brown-field, developed for density, conserves habitat land		
	Urban Ag	No garden space required				
	Habitat Exchange		Landscaping includes parks, landscaping, some emphasis on storm water management.			
	Human Powered Living				Pedestrian oriented community, public transit linkage to services, public bike infrastructure	
W Water	Net Positive Water	Water needs met by utilities/well, some conservation strategies				
	E Energy	Net Positive Energy	Energy from grid, no renewable energy requirements greater than code			
Civilized Environment		Nothing considered				
H Health+Happiness	Healthy Neighborhood Design			Access to walking and bike trails connecting amenities, parks, recreation areas		
	Biophilic Environment		Development includes park & has some landscaping			
	Resilient Community Connections	Nothing considered/ not reported				
M Materials	Living Material Plan	Standard construction & material selection				
	Embodied Carbon Footprint	No embodied carbon measuring or offsetting greater than code				
	Net Positive Waste	Standard construction, material selection, & waste collection				
	Human Scale and Humane Places			Project is designed to create human-scaled places, promotes culture & interaction		
E Equity	Universal Access to Nature and Place			Access to parks, innovative landscaping, promotes sense of place, community agriculture, daylighting in buildings		
	Universal Access to Community Services			Diversity of services available in community easily accessible by different modes of transportation,		
	Equitable Investment	No contribution to charity				
B Beauty	Beauty and Spirit					
	Inspiration and Education		Some education on the developments attributes, some opportunities for community events			

SOURCES:

<http://www.visitcopenhagen.com/copenhagen/culture/architectural-orestad>
<http://www.orestad.dk/english.aspx>
<http://www.byoghavn.dk/english/development/districts-uk/district-orestad-uk.aspx>



THE MCKNIGHT FOUNDATION



AIA
Minnesota