

ALMERE NEW CITY | Amsterdam, Netherlands



Size: 37000 acres, 250,000 residents

Dates: 1974-2030

Team: OMA and MVRDV Architects

Description: Almere New City is a mixed use development comprised of 78,000 households and 14,500 businesses that plans to grow in a sustainable way.

Intent: Create a sustainable city and lifestyle Attract new citizens in response to urbanization. Develop a local economy and reduce commuting. Become a sustainable development icon.

S

Sit+Place

GOALS: (Food) Promote local produce ; (Habitat+Biodiversity) Promote human-nature relationship

STRATEGIES: (Food) Urban agriculture, farmers market, planning new town Agromere to produce 20% of food consumption: 200 acres for cattle farming, 225 acres for vegetable and fruit, 12.5 acres of greenhouses; (Habitat+Biodiversity) Planned green infrastructure of open spaces; (Transportation) Public transportation connection, traffic free bus lanes, pedestrian paths, bike infrastructure, electric vehicle infrastructure.

W

Water

GOALS:

STRATEGIES: Plans are being developed to capture and store stormwater as well as plans to harvest energy from waste water.

E

Energy

GOALS: 42% more efficient than Netherlands' standards, CO2 emissions reduction by 20% by 2010.

STRATEGIES: 2,000 ecohomes 600 solar homes, 100 passive house homes, influenced by a program called cRRescendo, Combined Rational and Renewable Energy Strategies in Cities, for existing and new dwellings to ensure optimal quality of life, pool resources and knowledge in the European New Town Platform.

E

Equity

Percentage of affordable units: Not reported.

GOALS: Cultivate diversity, empower people to make the city.

STRATEGIES: Allow for easy mobility, promote residential and commercial areas, promote a diversity of lifestyles, access to water front, parks, extensive feedback for planning desirable communities, innovative architecture style creates distinctive district.

M

Materials

GOALS: (Materials) Cradle-to-cradle philosophy ; (Waste) Cradle-to-cradle philosophy to reduce waste.

STRATEGIES:

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			Every resident to have access to community garden, greenhouse, local farm education		
	Habitat Exchange		Landscaping includes parks, landscaping, some emphasis on storm water management.			
	Human Powered Living			Walkable streets, bicycle infrastructure, public transit links, car sharing, EV charging stations, easy access to services		
W Water	Net Positive Water		Some stormwater reuse or infiltration, grey water recycling, conservation goals			
	Net Positive Energy		2030 standards goal of efficiency, some reduction goals for energy & carbon, some renewable energy, solar PV ready			
E Energy	Civilized Environment		Community has some groups to promote social connections			
	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				
H Health+ Happiness	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		
M Materials	Universal Access to Nature and Place		Access to parks, promotes sense of place, some daylighting strategies for 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				
	Beauty and Spirit					
E Equity	Inspiration and Education	Standard development				
B Beauty						

SOURCES:

<http://oma.eu/projects/almere-masterplan>
<https://english.almere.nl/the-city-of-almere/new-town/>
http://newurbanquestion.ifou.org/proceedings/3%20The%20Urbanized%20Society/full%20papers/B028-1_ZHOU_JING_URBAN%20CULTURE%20IN%20NEW%20TOWN%20ALMERE.pdf
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