

# Seine Arche

Nanterre, France



Size:

300 acres, 17 mixed use buildings

### Dates:

2000 - 2015

## **Project Team:**

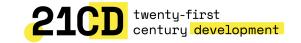
EPADESA (Developer), Ateliers 234 (Architect)

Benoit Fougeirol

**Seine Arche is a planned redevelopment that will add commercial and residential space.** Some of the project will include renovation, but a majority of the buildings will be new construction. A large public park will extend through the project and to the river. Seine Arche is a vibrant mixed-use community, with transportation organized and vehicle transportation directed primarily underground.

# **Goals & Strategies**

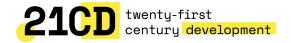
<u></u> Place	
Limits to Growth	Goals: Goals not defined.  Strategies: Strategies not reported.
Food	Goals: Goals not defined.  Strategies: Proximity to services.
Habitat	Goals: Goals not defined.  Strategies: 80% open spaces. Open space, restoring the banks of the Seine River, green roofs, public space throughout development.
Transportation	Goals: 85% of commuting conducted without cars.  Strategies: 90% of buildings on public transit lines. Creation of 2 light rail stations and 4 miles of bike lanes. Traffic directed underground.
<b>⊘</b> Water	
Water	Goals: 50% of hot water needs met through renewable energy.  Strategies: Rainwater collected for irrigation. Greywater system for toilets. Onsite water purification system.



4 Energy					
Energy	Goals: Goals not defined.				
	<b>Strategies:</b> Through monitoring, find areas to reduce. Renewable energy for hot water. Efficient construction, remodeling. Double-flow ventilation. Environmental management system for monitoring and controlling consumption. Solar orientation and daylighting standards where buildings are not to exceed 10 stories.				
台 Health + Happi	ness (Details not provided by researchers)				
<b>℅</b> Materials					
Material Plan	Goals: Goals not defined.				
	Strategies: Strategies not reported.				
Embodied Energy	Goals: Goals not defined.				
& Carbon	Strategies: Use of recycled materials in construction.				
Waste	Goals: Goals not defined.				
	Strategies: Reduction in construction waste.				
吕 Equity					
Neighborhood &	Goals: Goals not defined.				
Access	Strategies: Housing available for all income levels.				
Access to Nature	Goals: Goals not defined.				
	Strategies: Public green space covers 80% of the site. Waterfront access.				
Access to Community	Goals: Goals not defined.				
Services	Strategies: Walkable access to services.				
Investment	Goals: Goals not defined.				
	Strategies: Strategies not reported.				

	Beauty	(Details not provided by researchers)
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> 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	Not specified				
Materials					
Material Plan					
Embodied Energy & Carbon					
Waste					
F. 1					
Equity					
Neighborhood & Access					
Access to Nature					
ccess to Community Services					
Investment					
Beauty					
Beauty & Spirit	Not specified				

### Sources:

\*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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