SEINE ARCHE | Nanterre, France



Size: 300 acres, 17 mixed use buildings

Dates: 2000-2015

Team: Developer: EPADESA, Architect: Ateliers 234

Description: Seine Arche is a planned re-development that will add commercial and residential space. Some of the project will include renovating, but a majority of the buildings will be new construction. A large public park will extend through the project and to the river

Intent: Vibrant mixed use community, transportation organized and

vehicle transportation directed primarily underground



GOALS: (Food) Not defined; (Habitat+Biodiversity) Not defined; (Transport) 85% percent of commuting w/o cars

STRATEGIES: (Food) Proximity to services; (Habitat+Biodiversity) Percentage of Open Spaces: 80%; (Transport) 90% of building on public transit lines, creation of 2 light rail stations, 4 miles of bike lanes, traffic directed underground

STRATEGIES FOR SERVICES: Open space, restoring banks of the Seine river, green roofs, public green space through development



GOALS: 50% of hot water needs met through renewable energy

STRATEGIES: Rainwater collected for irrigation, greywater system for toilets, on-site water purification system



GOALS: Not defined

STRATEGIES: 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 day-lighting standards where buildings are not to exceed 10 stories



Percentage of affordable units:

GOALS: Not defined

STRATEGIES: Housing available for all income levels public greenspace covers 80% of the site, walkable access to services, waterfront access



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

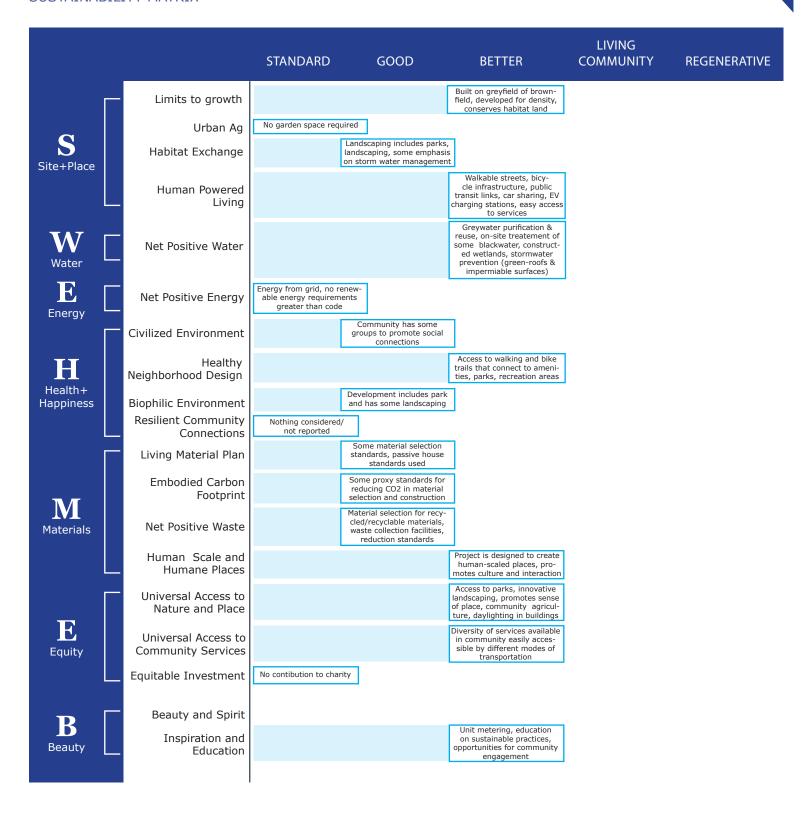
STRATEGIES: (Materials) Use of recycled material in construction; (Waste) Reduction in construction waste







SUSTAINABILITY MATRIX



SOURCES:

http://energy-cities.eu/IMG/pdf/Seine-Arche_EN.pdf

http://www.epadesa.fr/#une http://www.indal-france.com/nanterre-seine-arche.html





