ZAC DE BONNE | Grenoble, France



Size: 8.5 acres, 850 homes

Dates: 2004-2014

Team: Devillers et Associés

Description: ZAC de Bonne is a former military brownfield site that was developed to become a sustainable neigh-

borhood

Intent: Create a comprehensive sustainable community that conserves resources and promotes accessibility for all

generations



GOALS: (Food) Not defined; (Habitat+Biodiversity) Promote biodiversity; (Transport) Promote accessibility and public transportation for all

STRATEGIES: (Food) Not reported; (Habitat+Biodiversity) Performed an environmental assessment of the site, 12 acres of parks, pesticide free landscaping practices, green roofs; (Transport) Walking paths internal to the development, near tram and bus lines, incentives for car sharing, bicycle paths, reserved car pool parking spaces, recharging stations for electric vehicles



GOALS: Conservation

STRATEGIES: Water conservation through: efficient appliances, real-time monitoring of water consumption that warns if consumption reaches unusual levels, retention of storm water through green roofs



GOALS: Not defined

STRATEGIES: Carbon footprint assessment during design and optimizing construction, review of communities energy efficiency, passive solar design, geothermal, district heating, compactness of buildings, solar PV, combined heat and power for 450 units, sunshine studies of development for daylighting of buildings and parks, monitoring to improve energy efficiency



Percentage of affordable units: 35%

GOALS: Not defined

STRATEGIES: Public access to streets, human scale design, involvement of community, website detailing the development, access to services, shopping and commercial areas included in development



GOALS: (Materials) Not defined; (Waste) Efficiency management of construction waste

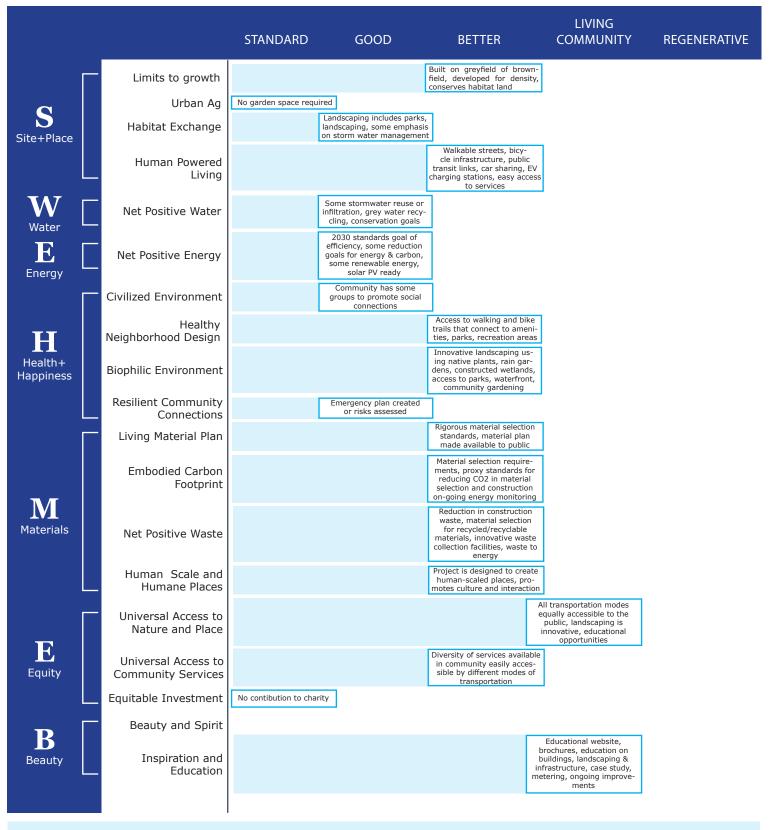
STRATEGIES: (Materials) Material selection with environmental and health product declarations forms (FDES), selection of low VOC products; (Waste) Construction waste diversion through sorting recycling and reusing materials, waste sorting facilities







SUSTAINABILITY MATRIX



SOURCES:

http://www.ecoquartier-strasbourg.net/index.php/transition/quest-ce-quun-eco-quartier/quelques-exemples/ecoquartier-zac-de-bonne-grenoble.html http://observatoire.pcet-ademe.fr/action/fiche/36/amenagement-de-la-zac-de-bonne http://www.logement.gouv.fr/video/ecoquartier-de-la-zac-de-bonne-a-grenoble_2133





