

# La Confluence

Lyon, Auvergne-Rhône-Alpes, France



Size: 370 acres, 4,000 apartments

**Dates:** 1998-2020

#### **Project Team:**

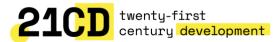
International architects including: Jakob & Macfarlane Architects, Integral Lipsky + Rollet, Manuelle Gautrand, Massimiliano Fuksas, MVRDV, and others

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La Confluence is a brownfield redevelopment project in the city of Lyon that will turn a former industrial site into a sustainable neighborhood. The project includes commercial and residential buildings that explore contemporary building practices and architecture to increase quality of life while promoting a sustainable urban lifestyle.

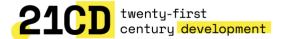
### **Goals & Strategies**

Place	
Food	<b>Goals:</b> Connect residents to local producers. <b>Strategies:</b> Neighborhood market, community gardens, education for residents on producing food in urban environments.
Habitat	<b>Goals:</b> WWF sustainable neighborhood, 60% of the site will be public parks and constructed wetlands <b>Strategies:</b> The entire site will undergo soil remediation, natural green-ways for storm water retention and filtration. Landscaping will utilize native and drought tolerant plants to encourage wildlife, green roofs, resident education on landscaping efforts.
Transportation	<b>Goals:</b> Promote alternative modes of transportation, 1/4 mile from residential or services to public transportation. <b>Strategies:</b> Pedestrian paths, bicycle infrastructure, electric vehicle car sharing, carpooling, incentives to
	use public transportation, river shuttles, proximity to city and public transportation, shared parking facilities.

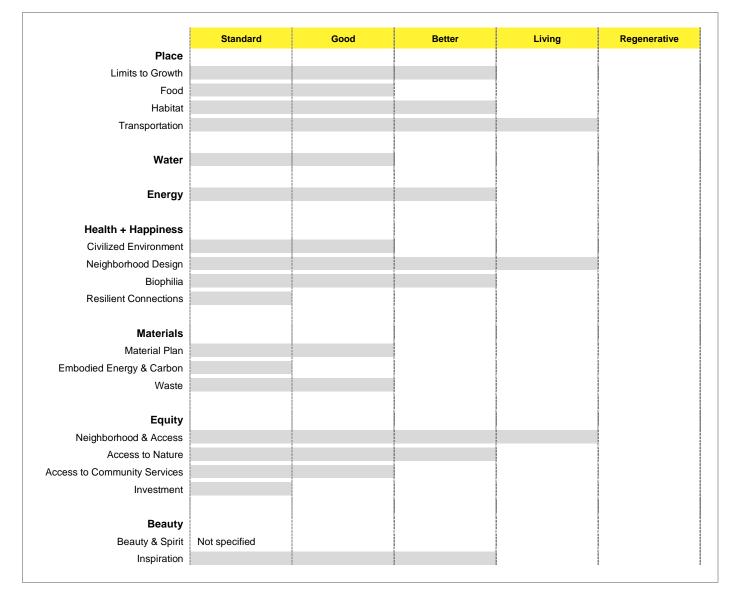


🕅 Water	
Water	<b>Goals:</b> NA <b>Strategies:</b> Conservation strategies, efficient appliances, rainwater capture, constructed wetlands, irrigation water from stored rainwater, infiltration through park space, resident efforts to conserve water.
4 Energy	
Energy	<b>Goals:</b> 100% on site renewable energy. <b>Strategies:</b> 50% energy from solar PV, district heating, 80% solar hot water and heating, battery storage system, passive solar design, energy efficient construction, monitor energy consumption in development, residents encouraged to reduce energy consumption.
Staterials	
Material Plan	Goals: Energy efficient construction. Strategies: NA
Waste	<b>Goals:</b> Reduce waste: 70% of waste recycled. Reduce 30% of waste that is not recycled or composted. <b>Strategies:</b> Composting services, recycling.
Equity	
Neighborhood & Access	Percentage of affordable unites: 28%

> See next page for Performance Levels achieved



## Performance Levels Achieved:



#### Sources:

www.lyon-confluence.fr/en/index.html

www.eandt.theiet.org/magazine/2014/10/factory-of-light-lyon.cfm

www.nytimes.com/2014/12/21/arts/design/confluence-museum-opens-in-lyons-france.html

www.en.lyon-france.com/Things-to-do/Culture-Activities/Districts/The-Confluence-district

\*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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