

# La Confluence

Lyon, Auvergne-Rhône-Alpes, France



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**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

**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	
<b>Food</b>	<p><b>Goals:</b> Connect residents to local producers.</p> <p><b>Strategies:</b> Neighborhood market, community gardens, education for residents on producing food in urban environments.</p>
<b>Habitat</b>	<p><b>Goals:</b> WWF sustainable neighborhood, 60% of the site will be public parks and constructed wetlands</p> <p><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.</p>
<b>Transportation</b>	<p><b>Goals:</b> Promote alternative modes of transportation, 1/4 mile from residential or services to public transportation.</p> <p><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.</p>

 <b>Water</b>	
<b>Water</b>	<p><b>Goals:</b> NA</p> <p><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.</p>
 <b>Energy</b>	
<b>Energy</b>	<p><b>Goals:</b> 100% on site renewable energy.</p> <p><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.</p>
 <b>Materials</b>	
<b>Material Plan</b>	<p><b>Goals:</b> Energy efficient construction.</p> <p><b>Strategies:</b> NA</p>
<b>Waste</b>	<p><b>Goals:</b> Reduce waste: 70% of waste recycled. Reduce 30% of waste that is not recycled or composted.</p> <p><b>Strategies:</b> Composting services, recycling.</p>
 <b>Equity</b>	
<b>Neighborhood &amp; Access</b>	<p><b>Percentage of affordable unites:</b> 28%</p>

> See next page for Performance Levels achieved

**Performance Levels Achieved:**

	Standard	Good	Better	Living	Regenerative
<b>Place</b>					
Limits to Growth					
Food					
Habitat					
Transportation					
<b>Water</b>					
<b>Energy</b>					
<b>Health + Happiness</b>					
Civilized Environment					
Neighborhood Design					
Biophilia					
Resilient Connections					
<b>Materials</b>					
Material Plan					
Embodied Energy & Carbon					
Waste					
<b>Equity</b>					
Neighborhood & Access					
Access to Nature					
Access to Community Services					
Investment					
<b>Beauty</b>					
Beauty & Spirit	Not specified				
Inspiration					

**Sources:**

- [www.lyon-confluence.fr/en/index.html](http://www.lyon-confluence.fr/en/index.html)
- [www.eandt.theiet.org/magazine/2014/10/factory-of-light-lyon.cfm](http://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](http://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](http://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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