

HIKARI PROJECT

The first positive energy block in Europe

Hikari represents a new model of real estate, in which buildings are not only energy consumers but also energy producers.



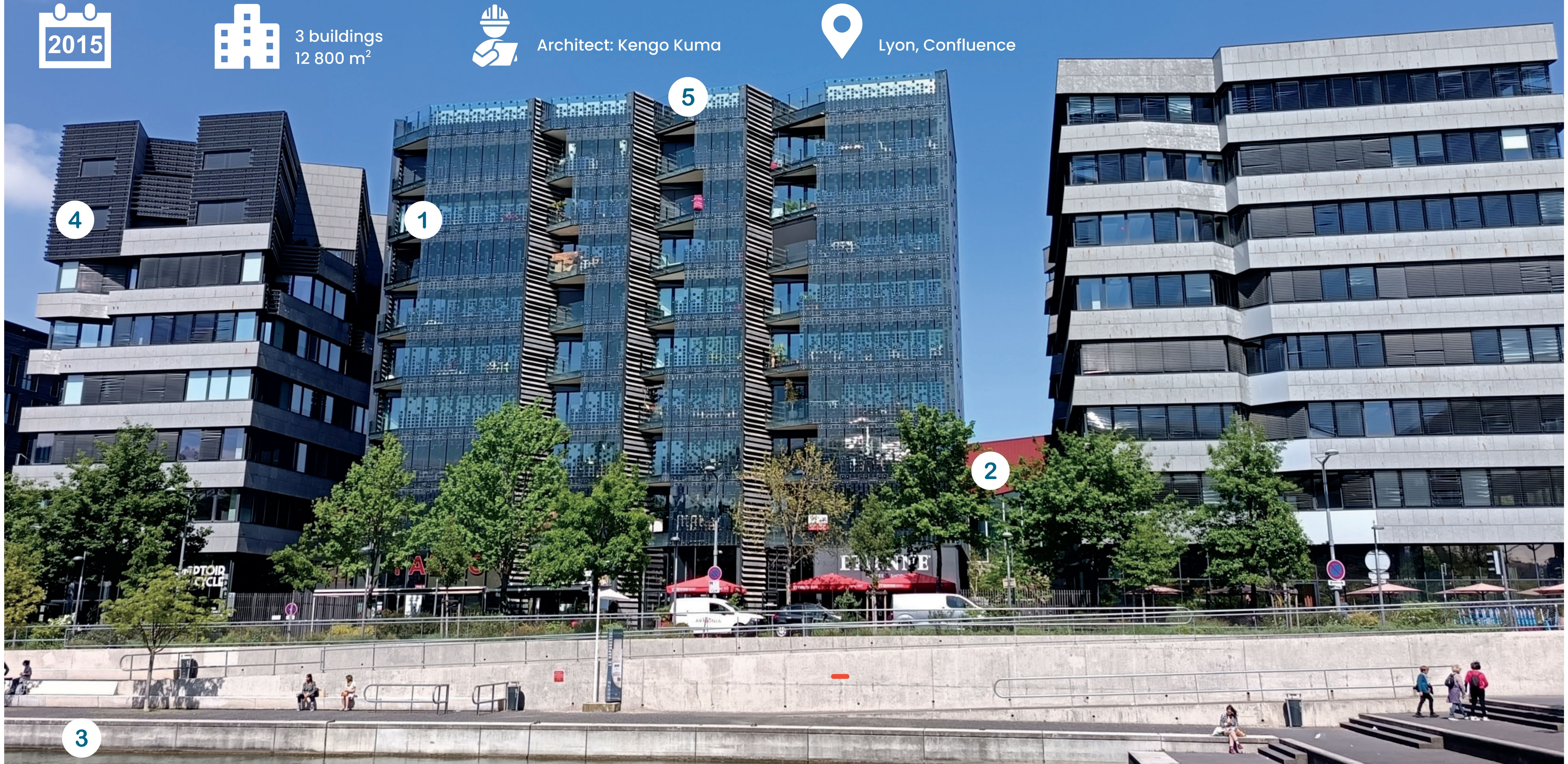
3 buildings
12 800 m²



Architect: Kengo Kuma





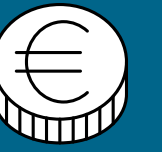

Lyon, Confluence



Key elements

- 1 Solar panels installed on the facade and roofs
- 2 Natural cooling through nighttime ventilation
- 3 Geothermal energy and cooling via the Saône River
- 4 Large windows to maximize natural light
- 5 The energy produced is shared among the 3 buildings. If one produces more, the others can benefit from it.

Limitations of the project

-  The windows cause the units to overheat in summer
-  Many complex technologies are involved
-  Costly maintenance
-  The three buildings are interdependent

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Kengo Kuma, Bouygues Immobilier.