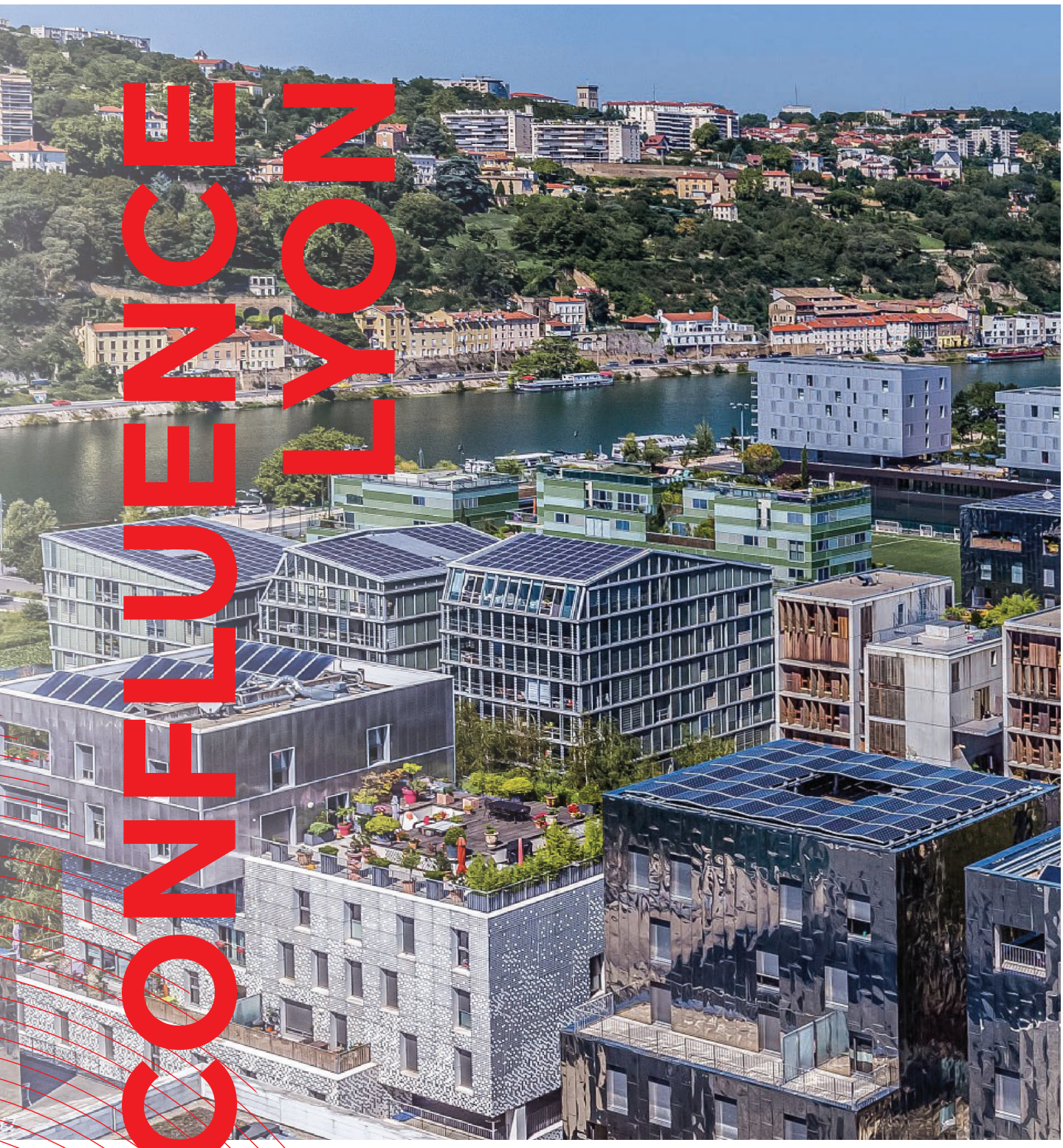


LA CONFLUENCE LYON

Leveraging solar energy

September 2024

1. Le Progrès 2007



Head office of Progrès (11,300 m²)
Architect: Xanadu
Production capacity: 10 kWc

2. Eolis / CMA 2009



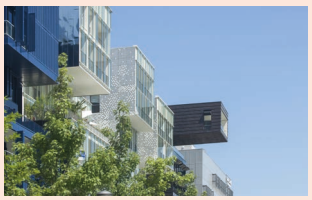
Head office of the Chambre des Métiers et de l'Artisanat de Lyon-Rhône (4,300 m²)
Architect: RAU, Soho, Aurea
Production capacity: 28 kWc

3. Hélianthe / Eiffage 2009



Head office of Eiffage (15,700 m²)
Architect: Atelier de la Rize
Production capacity: 221 kWc

4. Lyon Islands 2010



302 homes, 1,900 m² of shops & businesses on the ground floor (29,400 m²)
Architect: Massimiliano Fuksas, Vincenzo Amantea, HTVS, Clément Vergély
Production capacity: 120 kWc

5. Monolithe 2010



153 homes, 14,500 m² of offices, 1,000 m² of shops & businesses on the ground floor (28,400 m²)
Architect: MVRDV, Winy Maas, Manuelle Gautrand, Erik van Egeraat, ACDM, Pierre Gautier
Production capacity: 65 kWc

6. Salins 2010



Head office of the Cardinal group, restaurant on ground floor (6,300 m²)
Architect: Jakob & Mac Farlane
Production capacity: 12 kWc

7. Saône Park 2010



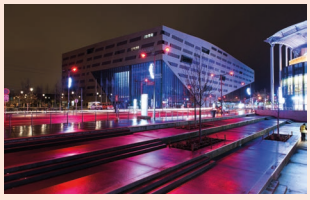
221 homes, 500 m² of shops & businesses on the ground floor (19,300 m²)
Architect: Tania Concko, Dusapin-Leclercq, Hervé Vincent
Production capacity: 80 kWc

8. Radios 2011



Head office of the Espace Group (4,100 m²)
Architect: AAMCO
Production capacity: 6 kWc

9. Région AuRA 2011



Head office of the Regional Council of Auvergne-Rhône-Alpes (44,000 m²)
Architect: Atelier de Portzamparc
Production capacity: 150 kWc

10. Le Bayard Banque de France 2012



36 homes, 7,000 m² of offices, 1,000 m² of shops & businesses on the ground floor (12,000 m²)
Architect: Kengo Kuma, CRB Architectes
Production capacity: 10 kWc

11. Amplia 2013



66 homes
Architect: Integral Lipsky + Rollet
Production capacity: 100 kWc

12. GL Events 2013



Head office of GL Events (8,100 m²)
Architect: Odile Decq
Production capacity: 25 kWc

13. Musée des Confluences 2014



Museum of science and anthropology (22,000 m²)
Architect: Coop Himmelblau
Production capacity: 120 kWc

14. Hikari 2015



36 homes, 7,000 m² of offices, 1,000 m² of shops & businesses on the ground floor (12,000 m²)
Architect: Kengo Kuma, CRB Architectes
Production capacity: 189 kWc

15. King Charles 2016



10,000 m² of offices
Architect: RAU, Soho, Aurea
Production capacity: 100 kWc

BY 2030

6.5 MWc
of production capacity



"The Lyon Confluence project provides a unique opportunity for innovation by creating a low-energy and cohesive city where the high environmental quality of new and old buildings helps improve the purchasing power and quality of life of the people who live there."

Samuel Linzau — *CEO, SPL Lyon Confluence*

16. Pavillon 52 — 2016



7,300 m² of offices
Architect: Rudy Ricciotti
Production capacity: 23 kWc

17. Chanfray Gym — 2017



Municipal sports hall
Production capacity: 206 kWc

18. Ynfluences Square — 2017



234 homes, 9,000 m² of offices, 1,800 m² of shops & businesses on the ground floor (28,000 m²)
Architect: Herzog & de Meuron, AFAA, Tatiana Bilbao, Manuel Herz, Christian Kerez
Production capacity: 420 kWc

19. Cap Sud — 2019



58 homes, 400 m² of shops & businesses on the ground floor (4,200 m²)
Architect: Dumetier Design
Production capacity: 54 kWc

20. H7 — 2019



3,800 m² of offices and event spaces
Architect: Vurpas Architectes
Production capacity: 243 kWc

21. Sytral bus depot — 2020



Bus depot and maintenance workshop (15,500 m²)
Architect: Ferrand-Sigal Architectes & associés
Production capacity: 100 kWc

22. Ydéal — 2020



172 homes, 2,300 m² of offices, 1,000 m² of shops & businesses on the ground floor (12,500 m²)
Architect: Diener & Diener, Clément Vergély
Production capacity: 174 kWc

23. Lumen — 2022



Cité de la Lumière (5,800 m² of offices)
Architect: Agence A+ samueldelmas, Wonderfullight
Production capacity: 72 kWc

24. Marché Gare — 2022



Concert hall (1,750 m²)
Architect: Carte Blanche
Production capacity: 35 kWc

25. ZADIGA-Cité — 2023



1,400 m² of offices
Architect: Atelier Thierry Roche
Production capacity: 100 kWc

26. Albizzia — 2024



114 homes, 4,300 m² of offices, 2,900 m² of shops & businesses on the ground floor (14,800 m²)
Architect: Hardel et Le Bihan, Insolites
Production capacity: 105 kWc

27. Sollys — 2021-2024



204 homes, 15,600 m² of offices, 2,000 m² of shops & businesses on the ground floor (33,000 m²)
Architect: David Chipperfield Architects, Aires Mateus & Associados, Atelier Vera
Production capacity: 540 kWc

28. B1-C1 Nord — 2025-2026



244 homes, 12,000 m² of offices, 2,000 m² of shops & businesses on the ground floor (33,000 m²)
Architect: Baumschlager Eberle architects, Atelier de ville en ville, MOZ Paysage, AIA Environnement
Production capacity: 337 kWc

29. Future blocks on the Rhône side — 2026-2030

Estimated production capacity: 2.85 kWc

LA CONFLUENCE, COMMITTED TO ECOLOGICAL TRANSITION

SPL Lyon Confluence committed very early on to resolutely sustainable development, and, since 2003, **energy sobriety** has been one of the foundations of urban planning in the south of the Lyon peninsula.
A high environmental quality for new developments, the energy renovation of old buildings, and renewable energy are the pillars of energy strategy in responsible urban planning which prioritises the well-being of current and future populations.

At the heart of the scheme, **solar energy** is one of the main levers of ecological transition. This is why, in La Confluence, **3.3 MWc** of solar panels have already been installed on rooftops.
In time, once all the construction work and renovations are completed, there will be an estimated **6.5 MWc** of installed photovoltaic power, which is the equivalent of the annual electricity consumption of around 6,500 residents.

EUROPEAN PARTNERSHIPS, DRIVING INNOVATION

Since 2005, Lyon Confluence has chosen to work collectively and share experience in order to invent, in Lyon, solutions for resilient urban planning.

With 4 million euros of funding from the European Commission as part of the *Concerto* research and innovation programme, blocks ABC (77,000 m²) have, since 2010, demonstrated that the requirements of the planner's specifications ensure a daring approach and environmental quality. Proof of this is the acknowledgement by the WWF which, in 2010, designated La Confluence France's *First Sustainable Quarter*.

In 2011 and 2012, two new partnerships were headed by Lyon Confluence. The first—a European partnership—is called *Next Buildings* and brings together the cities of Lyon, Amsterdam and Helsingborg. The second, *Lyon Smart Community*, gives Lyon Confluence international reach as Lyon Métropole joined forces with NEDO, a Japanese public agency which supports innovation, and green and industrial technologies. These two partnerships have a common goal: to develop innovative solutions for the large-scale construction of efficient low-energy buildings.

In 2016, *Smarter Together* further strengthened the approach and meant that a large-scale scheme could be tackled: the energy renovation of the existing building stock. The objective is to reduce energy consumption and improve comfort in existing buildings. Social housing, flats, offices, public amenities — a total of 50,000 m² to be renovated on La Confluence with the support of the European Commission.

Also in 2016, a new area of innovation was explored with the *Eureka Confluence* partnership: that of health and well-being. As an Industrial Demonstrator for the Sustainable City (French acronym: DIVD), *Eureka Confluence* is an interministerial scheme launched in 2015 to develop long-term urban models which protect the environment and individuals while being economically viable and not dependent on public funding. It gave rise to the Sollys project: 11 buildings, mixing housing (including a collaborative housing programme), offices, shops, services and a health centre, now delivered.

LEAD in 2020 then *MED Colours* in 2023 focus on the mobility of goods and people.
Given that currently, in France, some 30% of greenhouse gas emissions are produced by transport, it was high time that we joined forces to tackle the climate challenge.

In 2020, *Scalable Cities* brought together 116 cities alongside Lyon Confluence to combat global warming.

ASCEND and PIC

2023 saw a new European programme headed by SPL Lyon Confluence. With 39 partners including the cities of Munich, Prague, Budapest, Porto, Alba Iulia, Stockholm and Charleroi, the objective of ASCEND (Accelerate Sustainable & Clean ENergy Districts) is to imagine, together, solutions for developing **positive energy quarters** and to put in place life-size demonstrators for a clean and accessible city.
In spearheading this joint programme, Lyon Confluence is reinforcing its urban development orientations and its commitment to ecological transition.
Launched in autumn 2023, PIC (*Partenariat d'Innovations de la Confluence* — La Confluence Innovations Partnership) aims to share and test innovations developed in Lyon in the context of the European ASCEND programme. Energy, mobility and efficient buildings, data and public spaces are topics on which those involved in making the city are focussed, together with SPL Lyon Confluence.

ASCEND.

Funded by the European Union



TO FIND OUT MORE

Practical information

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Tel. +33(0)4 78 38 74 00
www.lyon-confluence.fr
email: info@lyon-confluence.fr

At the Maison de la Confluence

The information centre about the urban transformation of La Confluence
73 rue Smith, Lyon 2
Free admission, open to the general public on Wednesdays and Thursdays from 2 - 6 p.m. and Fridays from 1 - 5 p.m.
By appointment for groups (more than 10 people):
maison@lyon-confluence.fr

How to get there

- tram T1/T2, Hôtel de Région – Montrochet stop
- bus S1, Charlemagne – C. Perier stop
- Marché Gare car park

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VILLE DE LYON

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