

# HYDROGEN IN FRANCE

## ADVANCING TOWARDS A NET ZERO FUTURE



*Bouzonville, Carling, Saint Avold (Grand Est)*

Final investment decision taken for the launch of MosaHYc project | April 10

*Belfort (Bourgogne-Franche-Comté)*

Hynamics inaugurates BelHYnov, its 2<sup>nd</sup> renewable hydrogen production and distribution station | April 3



*Rouen (Normandy)*

NOMAD CAR H2 The first diesel coach converted to hydrogen | April 22

*Vénissieux (Auvergne-Rhône-Alpes)*

Opening of Hympulsion's 5th hydrogen station in Vénissieux | April 26



*Saint-Sulpice-la-Pointe (Occitanie)*

Seven orders from HRS an initial 1 tonne/day HRS40 station as part of the corridor h2 project in Occitanie | April 3

*Ugines (Auvergne-Rhône-Alpes)*

Lhyfe and Swiss Steel Group subsidiary Ugitech sign an MoU to decarbonise the steelmaker's operations using green hydrogen



*Albi (Occitanie)*

Safra's first fleet of hydrogen-powered buses retrofitted starts operation | April 18

*Fontanil-Cornillon (Auvergne-Rhône-Alpes)*

Inauguration in France of a heat exchanger production line for the hydrogen industry | April 11



*Fos-sur-Mer (Provence-Alpes-Côte d'Azur)*

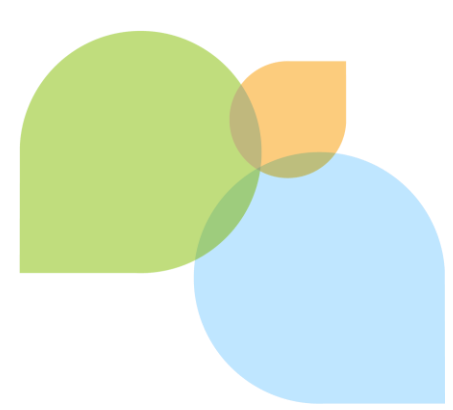
Gravithy signs a letter of intent with EDF to secure part of the electricity supply to its future plant in Fos-sur-Mer. | April 11



April  
2024

### Monthly News & Highlights

Non exhaustive list of news (projects, contracts, investment, partnership, etc.) in France published between the first and the last day of the month



# HYDROGEN IN FRANCE

## ADVANCING TOWARDS A NET ZERO FUTURE

### Also in the news

Partnerships

Mergers and acquisition

Standard, certification

R&D projects

Other news

HRS Secures Infrastructure Funding For Its Test Area Unique In Europe For Hydrogen Mobility | [April 8](#)



The 1st list of Projects of Common Interest (PCI) under revised TEN-E officially published | [April 9](#)



HysetCo raises c.200 million euros to advance transport decarbonization solutions from a group of investors led by Hy24 | [April 10](#)



FillnDrive VCID Certified by OIML for Legal Metrology Standards | [April 10](#)



The European Commission recognises CarlHYng as a 'Project of Common Interest' | [April 10](#)



Paris-based HyLight raises €3.7 million to decarbonise aerial inspection with hydrogen-powered airship drones | [April 15](#)



HyLight

Hyliko 1st hydrogen retrofitted HGVs to be approved in France | [April 18](#)

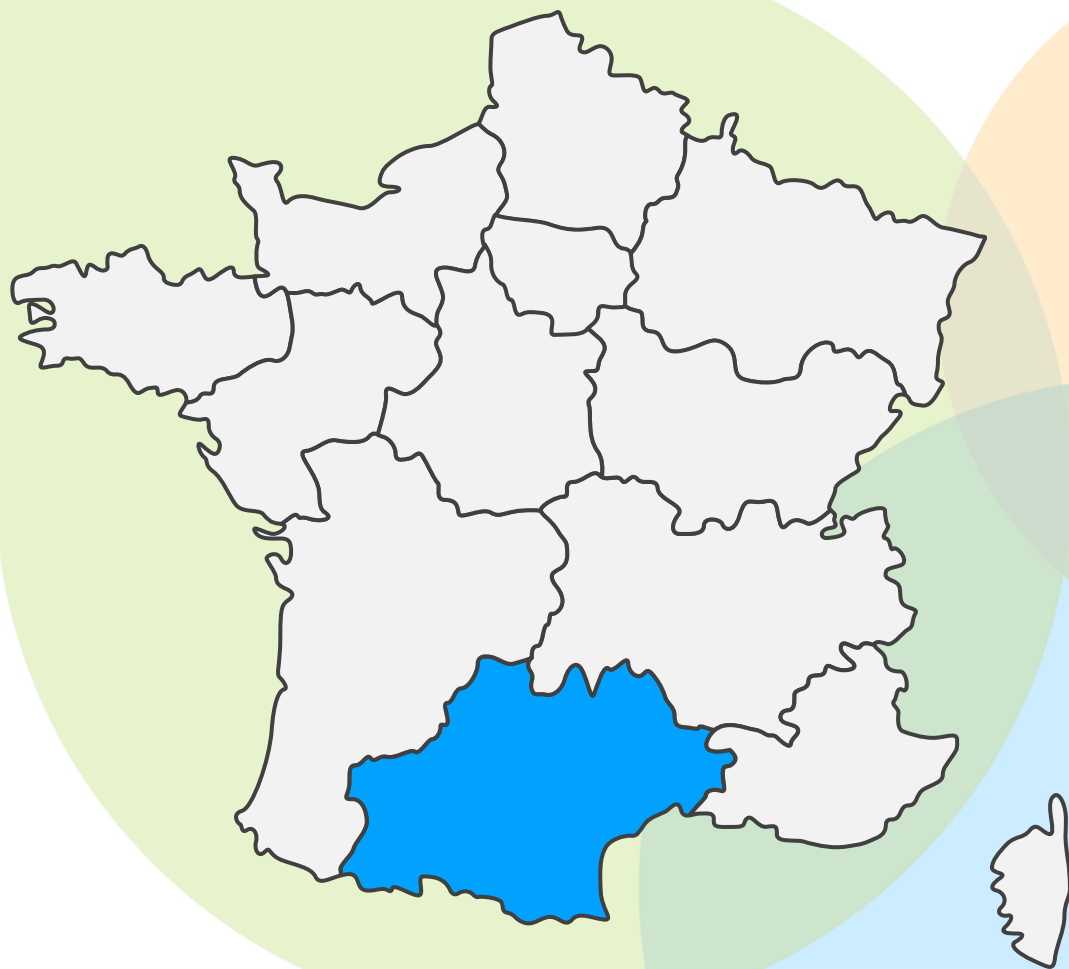


**April  
2024**

### Monthly News & Highlights

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**OCCITANIE**

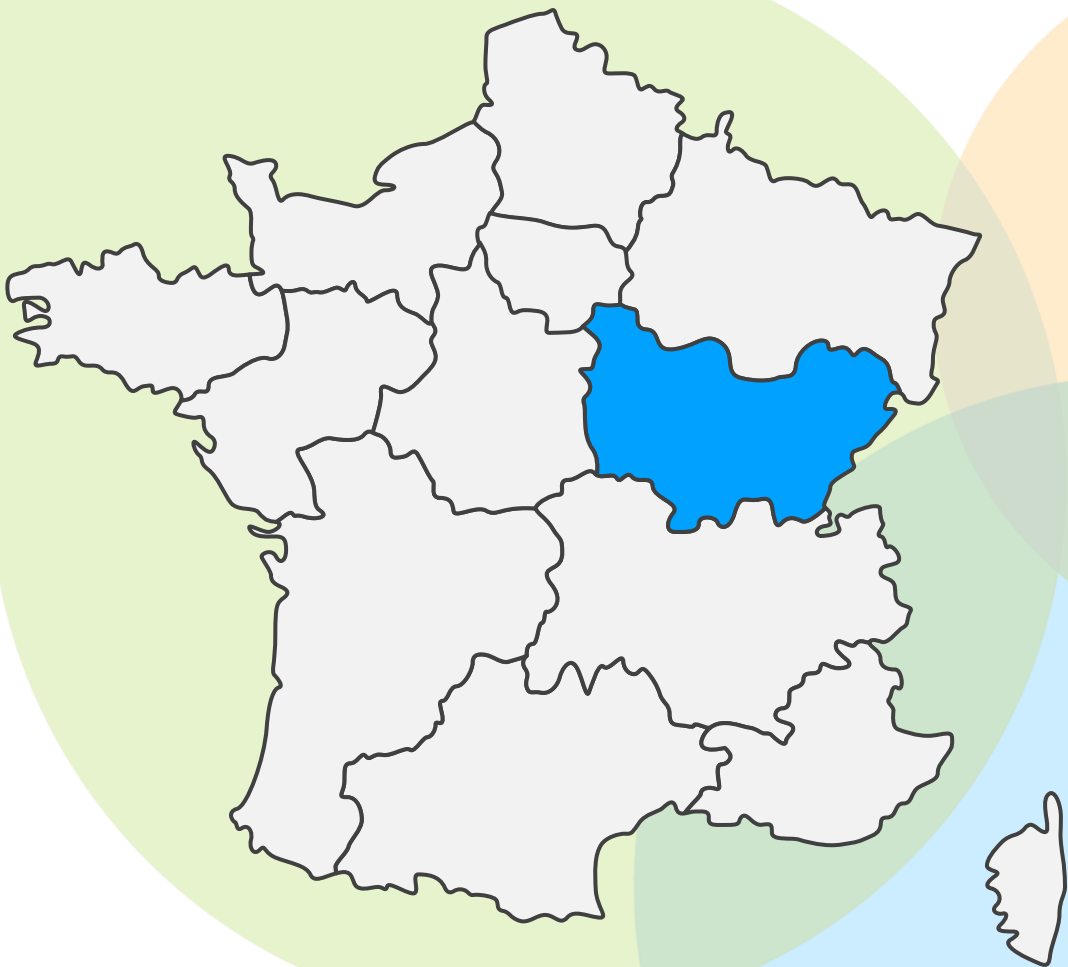


HYDROGEN REFUELING SOLUTIONS

**April  
2024**

“**HRS** (...) has announced that it has received a **firm order** from **SEVEN**, a key player in the energy transition, **to install a hydrogen refuelling station** in the heart of the Tarn region, as part of the European Corridor H2 project (...). This HRS40 station, **with a capacity of 1 tonne/day**, will be commissioned in **December 2024** and will be integrated into the **Saint-Sulpice-la-Pointe multi-energy station** developed by SEVEN, which will be inaugurated in April 2022 and already has 4 CNG lanes.”

Source: HRS, Press release, April 3



**BOURGOGNE-FRANCHE-COMTE**

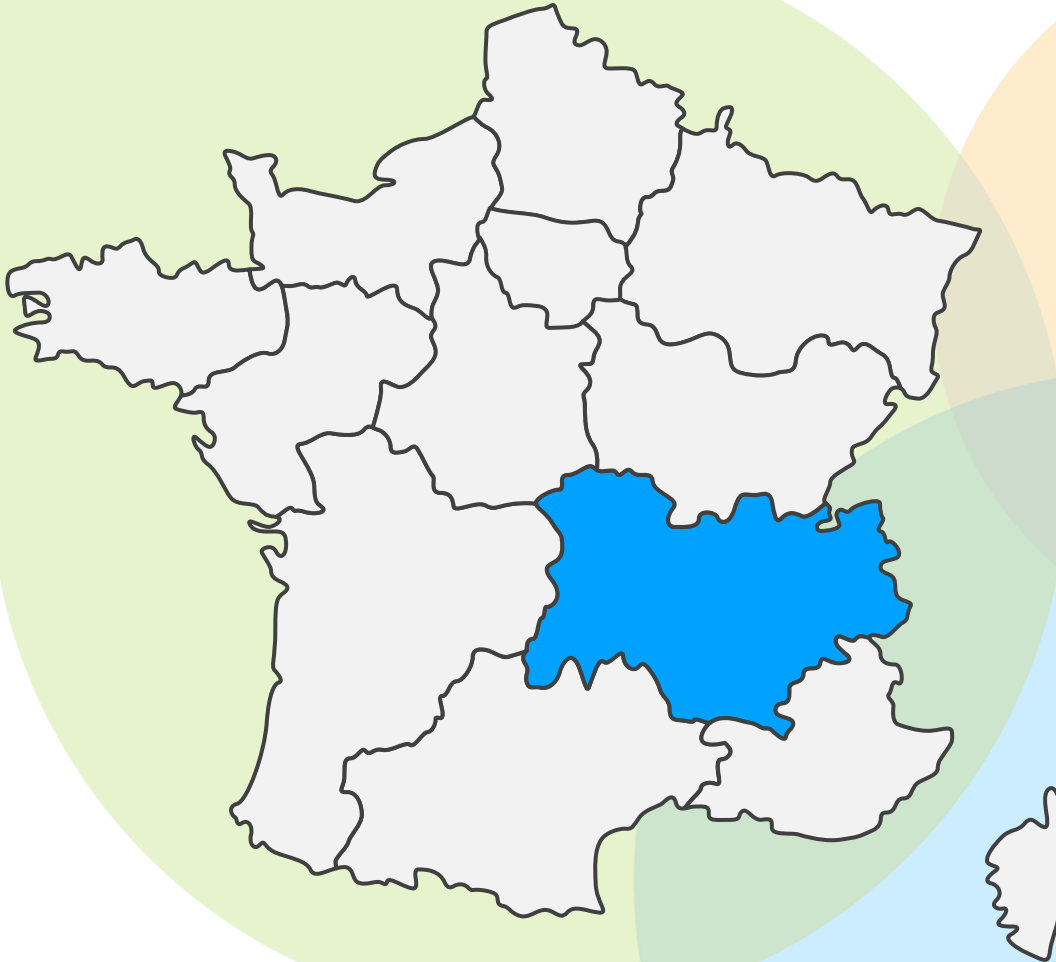


**“Hynamics inaugurates its second renewable hydrogen production and distribution station, BelHYnov in Belfort. (...) Equipped with a 1 MW McPhy electrolyser, the station can produce up to 400 kg of renewable hydrogen per day, thus helping to reduce CO2 emissions by nearly 3,000 tonnes per year from 2025. BelHYnov makes possible a local production of hydrogen for the first 7 hydrogen buses preferred by the REGIE DES TRANSPORTS DU TERRITOIRE DE BELFORT on behalf of the SMTC on the Optymo urban transport network.”**

**April  
2024**

Source: Hynamics, LinkedIn Post, April 3





**AUVERGNE-RHÔNE-ALPES**

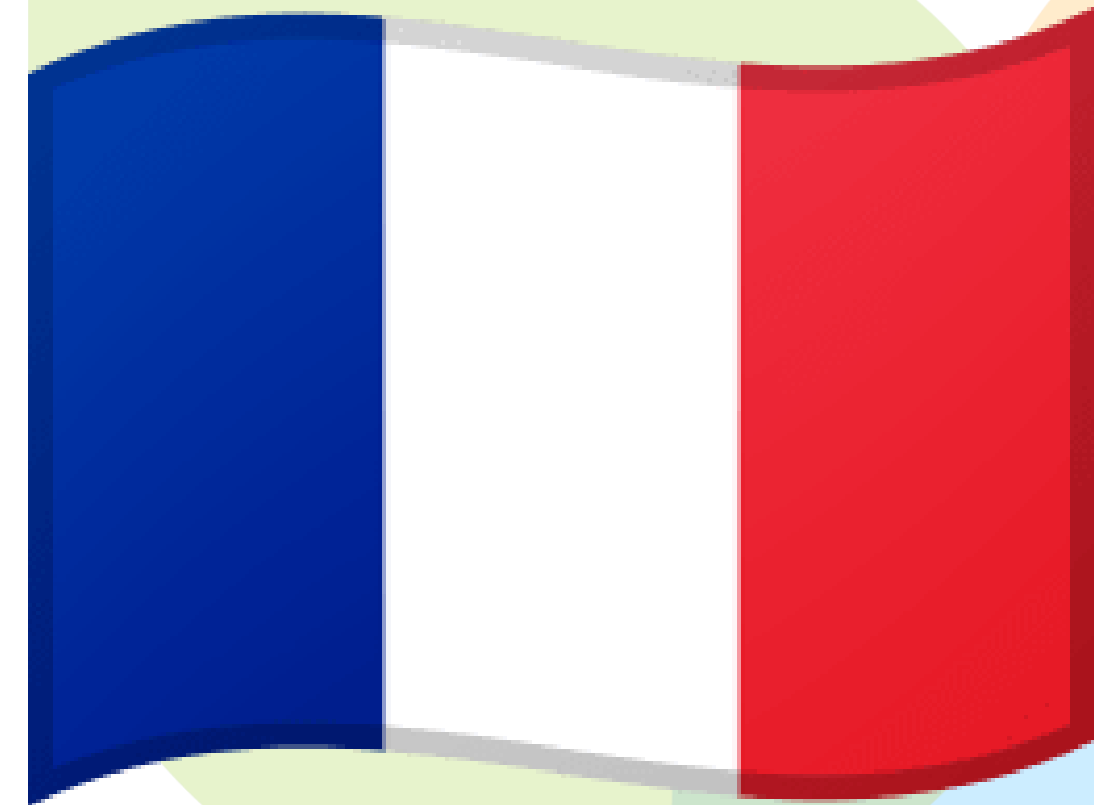


HYDROGEN REFUELING SOLUTIONS

“**HRS** (...) has secured major bank financing of **€3.1 million** for its **hydrogen refuelling station test area**. (...) This remarkable financial support will enable HRS to finalise its test zone (...) which will become a pillar in the development of **heavy-duty hydrogen mobility** (...). The test area includes two green hydrogen refuelling stations: an HRS14 station already in operation and an HRS40 station delivering 1 tonne/day of hydrogen, which is currently being installed and will be operational in the first half of 2024”.

**April  
2024**

Source: HRS, Press release, April 8



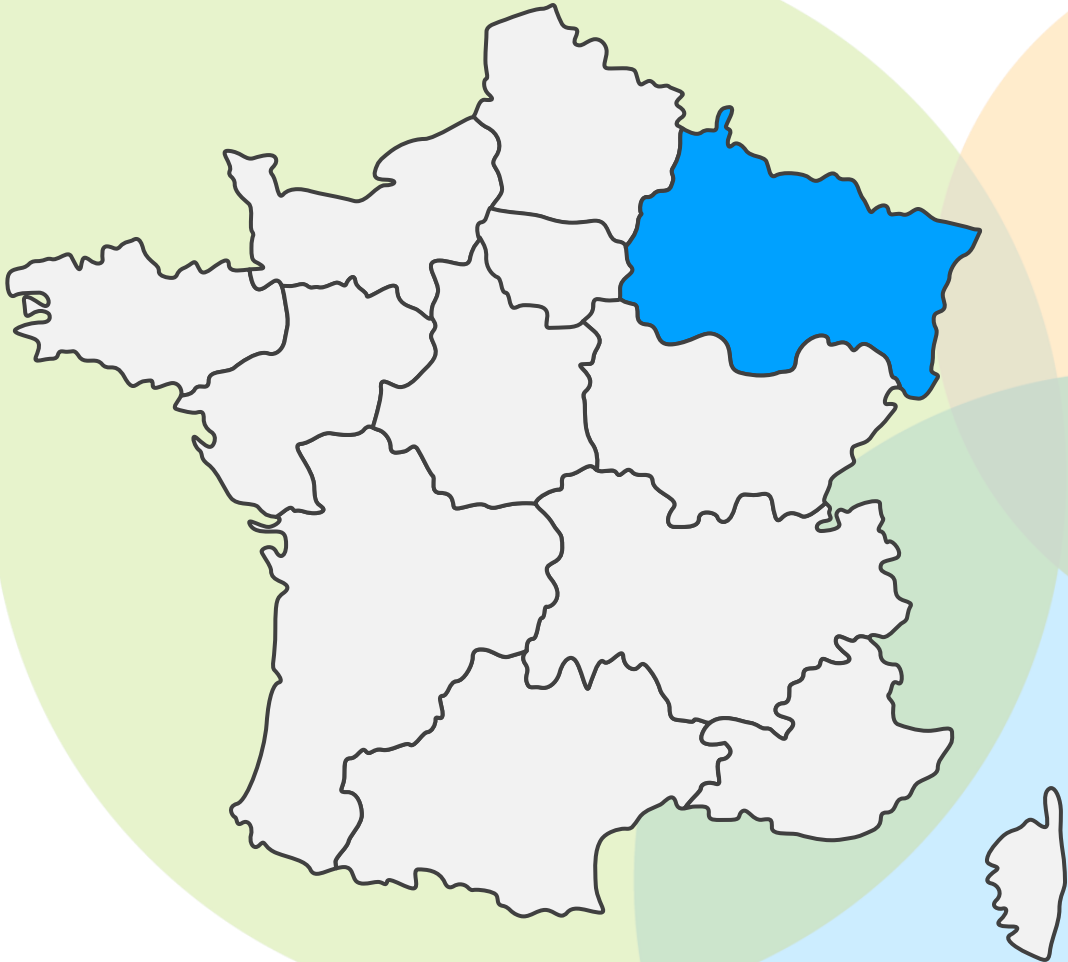
FRANCE



“**Hy24** (...) and **HysetCo** (...) announce the closing of a financing round of nearly **200 million euros** to accelerate the decarbonization of **urban transport**. (...) Hy24 now becomes the majority shareholder in HysetCo and joins existing shareholders Air Liquide, TotalEnergies, Toyota France and Kouros in supporting the company’s development. The funds will be used to **accelerate the development of HysetCo's** unique integrated mobility model, combining hydrogen distribution infrastructures and fleet management focused on hydrogen mobility solutions.”

April  
2024

Source: Hysetco, Press release, April 10



**GRAND EST**

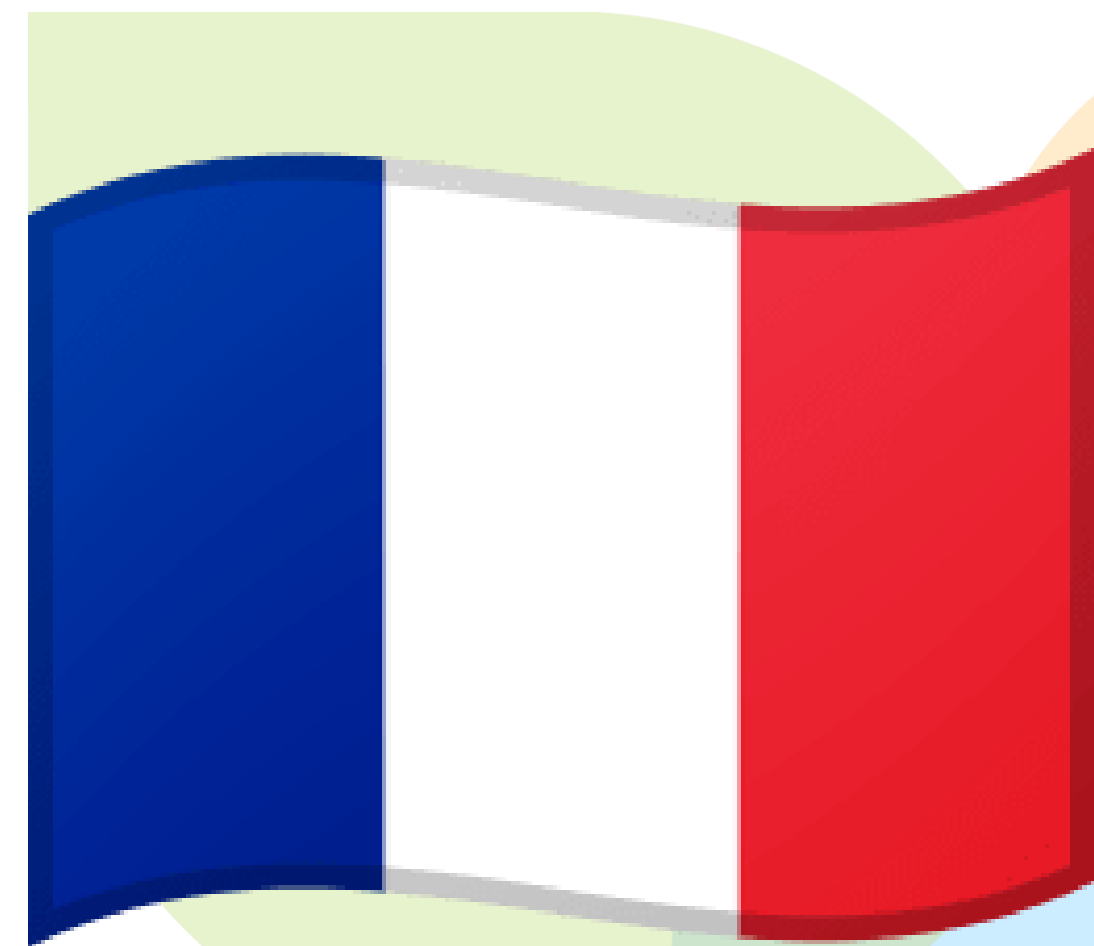


“**ENGIE Group** is delighted to announce the launch of mosaHYc – a **cross-border project for the conversion of gas pipelines to transport hydrogen** between France and Germany. **GRTgaz**, owned with Caisse des Dépôts (60% / 40%), has announced the **final investment decision** for the 90 km renewable or low-carbon hydrogen network project with its partner **CREOS Deutschland**. mosaHYc will connect the **Greater Eastern region (France)** to **Saarland (Germany)** and the border with **Luxembourg.**”

**April  
2024**

Source: Engie, Press Release, April 10





**FRANCE**

“After months of work and tests, our **VCID** obtained the **OIML R139:2018 certification** for **“Compressed gaseous fuel measuring systems for vehicles”** as a calculating and indicating device with optional integral Self-Service Device. (...) The certification attests to the VCID's exceptional performance under a range of temperatures and harsh conditions (-40°C / +55°C).”

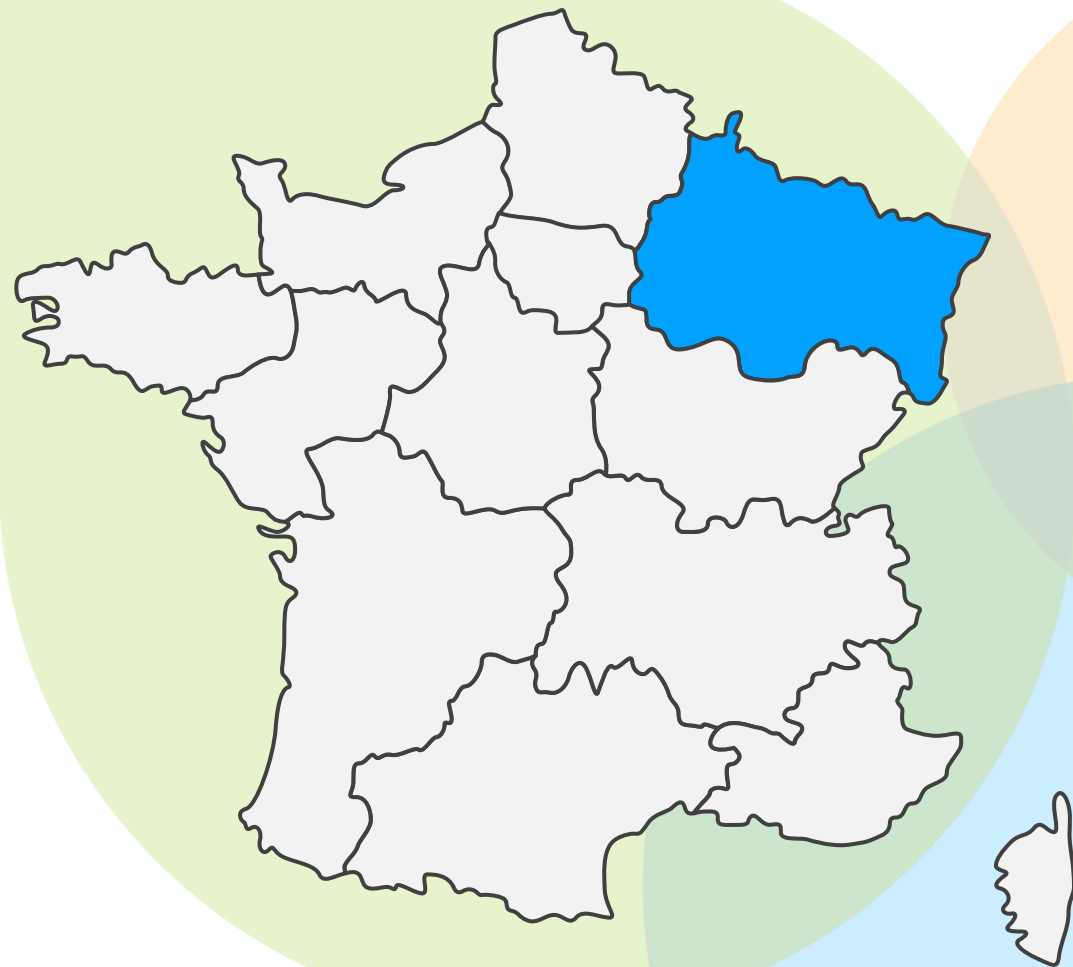


**April  
2024**

Source: FillnDrive, LinkedIn Post, April 10



“The European Commission has just published the list of projects of common interest (PCIs), (...). The **CarlHYng project** led by **VERSO ENERGY** has been recognised as being of common interest, as has MosaHYc, the 100% hydrogen transport network led by GRTgaz and CREOS to which it will be connected.”

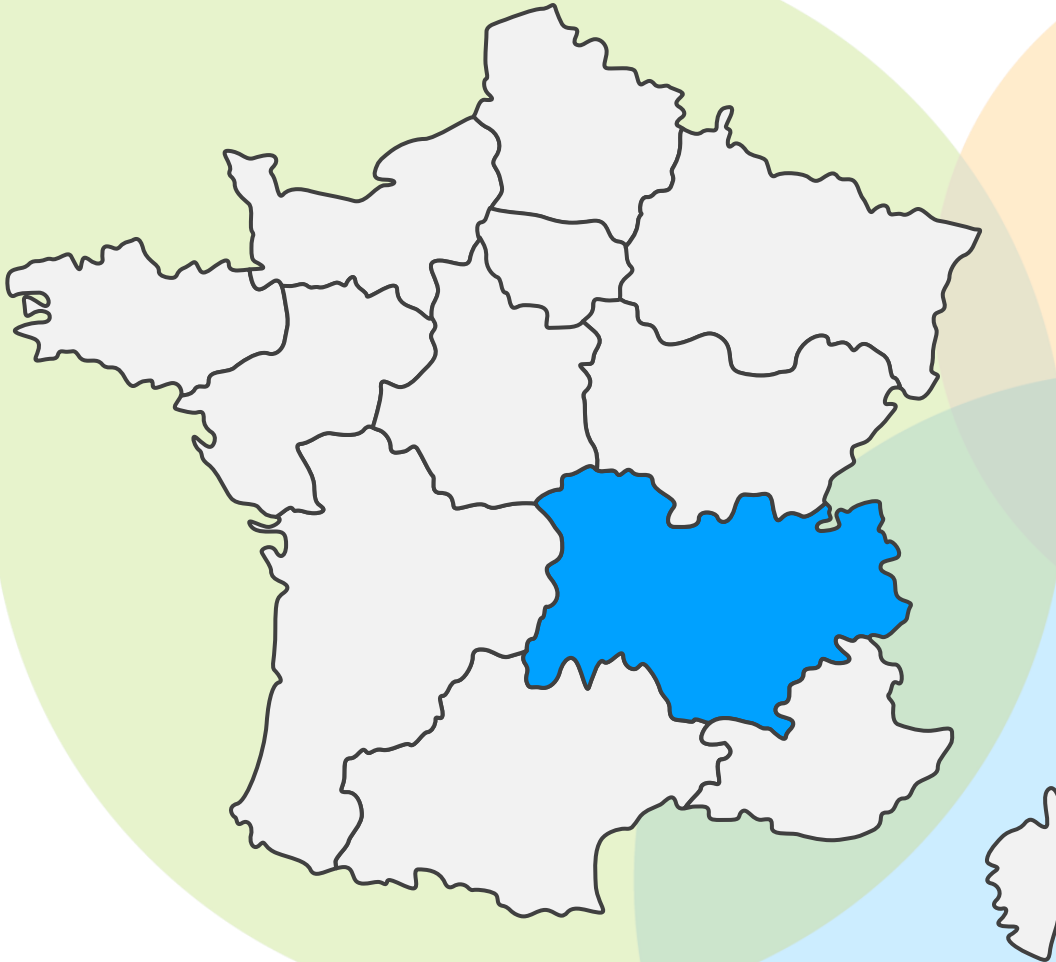


**GRAND EST**



**April  
2024**

Source: VERSO ENERGY, Press release, April 10



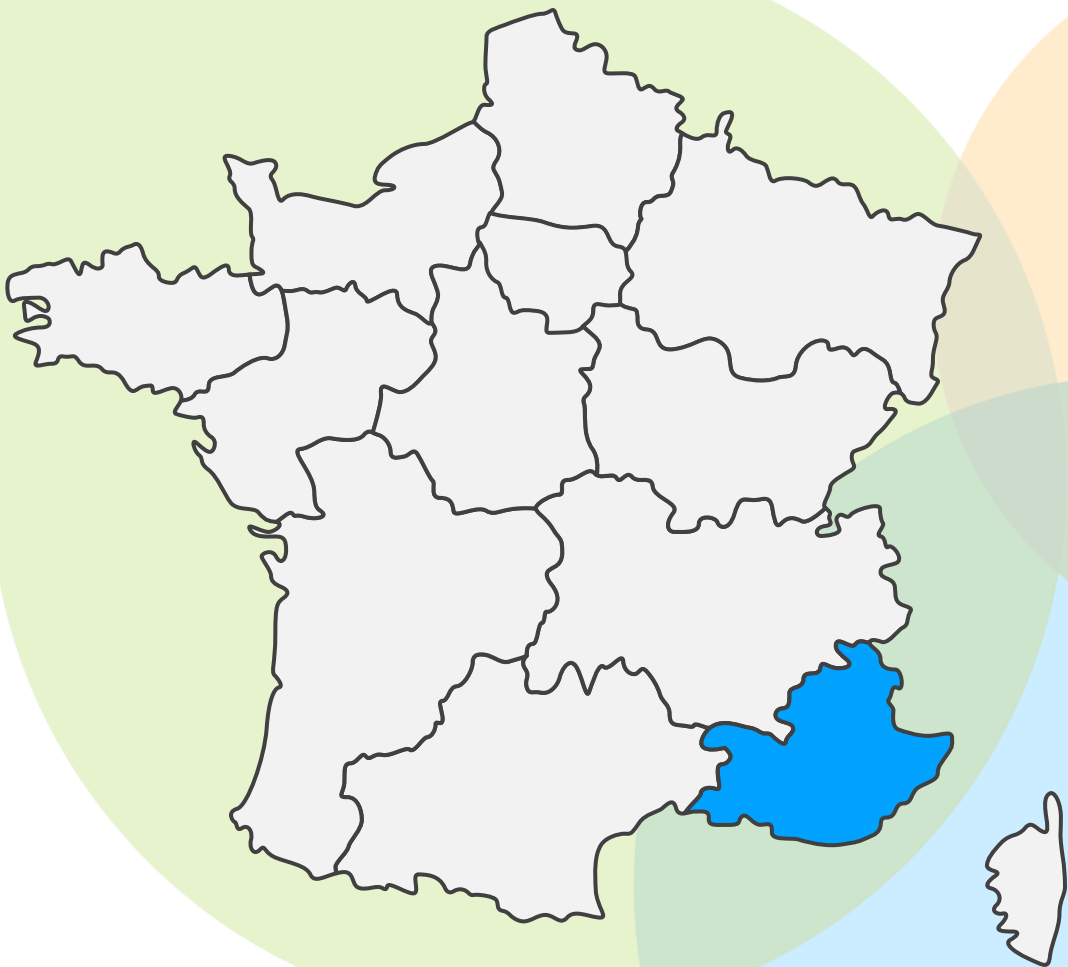
**AUVERGNE-RHÔNE-ALPES**



**April  
2024**

“(…) **Alfa Laval** launched a **new production line** dedicated to **printed circuit heat exchangers (PCHE)** at the Alfa Laval Vicarb plant (**Le Fontanil, Isère**). This new line incorporates cutting-edge diffusion-welding (bonding) technology. (...) The new line will also produce around 1,000 Hybloc™ units per year. This French-manufactured PCHE works as a **pre-cooler in hydrogen refuelling stations**, cooling the hydrogen before it enters a vehicle. (...) Alfa Laval joined forces with the Auvergne-Rhône-Alpes regional council with an investment of **€10 million** to make it happen.

Source: Alfa Laval, Press Release, April 11



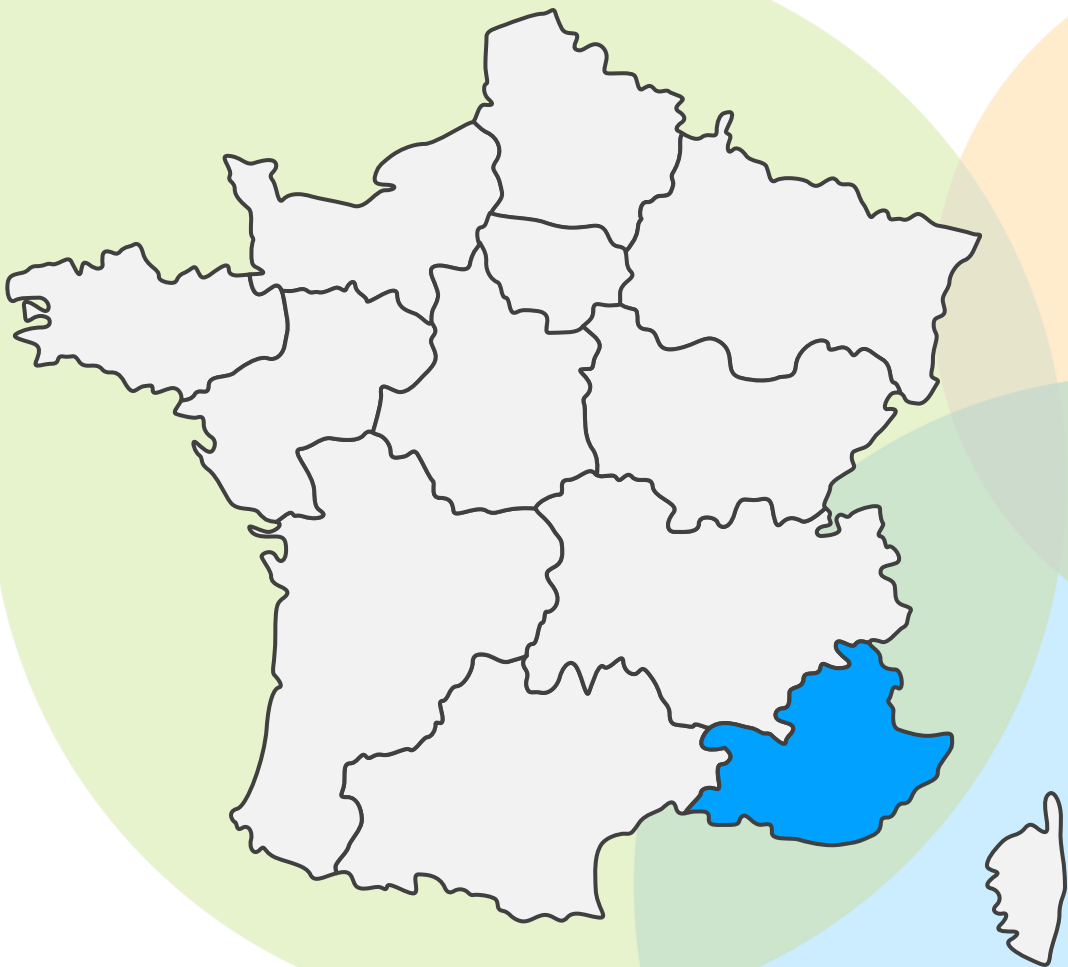
**PROVENCE-ALPES-CÔTES  
D'AZUR**

**GravitHy**

**April  
2024**

“(...) **GravitHy** is moving ahead with its project to build France’s first **low-carbon DRI/HBI production plant in Fos-sur-Mer** (France). In order to guarantee a stable and competitive supply of electricity for its future site, GravitHy has signed a letter of intent (LOI) with **EDF** for a **Nuclear Production Allocation Contract (CAPN)**. (...) CAPNs are industrial partnership contracts under which electricity-intensive companies are allocated a share of the power generated by the operating nuclear fleet, for a period of more than 10 years, in return for a share of the costs and risks of the actual output of the fleet.”

Source: EDF, Press release, April 11



**PROVENCE-ALPES-CÔTES  
D'AZUR**



“European-scale PVC producer **Kem One** has begun the **technological conversion** of its chlorine, caustic soda and **hydrogen production unit at Fos-sur-Mer (13)**. The aim is to reduce the site's energy consumption by **reconfiguring its electrolysis capacities**. Our **Clemessy** experts will be **prefabricating and installing metal piping** in two separate units of the plant, called Zone 10 and Zone 40, in order to start migrating the process as early as 2024.”

**April  
2024**

Source: Clemessy, Press release, April 11







“**HyLight**, a pioneer of **aerial inspection** using **hydrogen airship drones**, announced the raise of a **€3.7 million funding round** (...). This deal will enable the French Y Combinator alumni to accelerate the deployment of its airship drones at an industrial scale to offer the first zero-emission solution capable of inspecting any type of infrastructure from the air: Power lines, gas pipelines, railways, etc. (...).”

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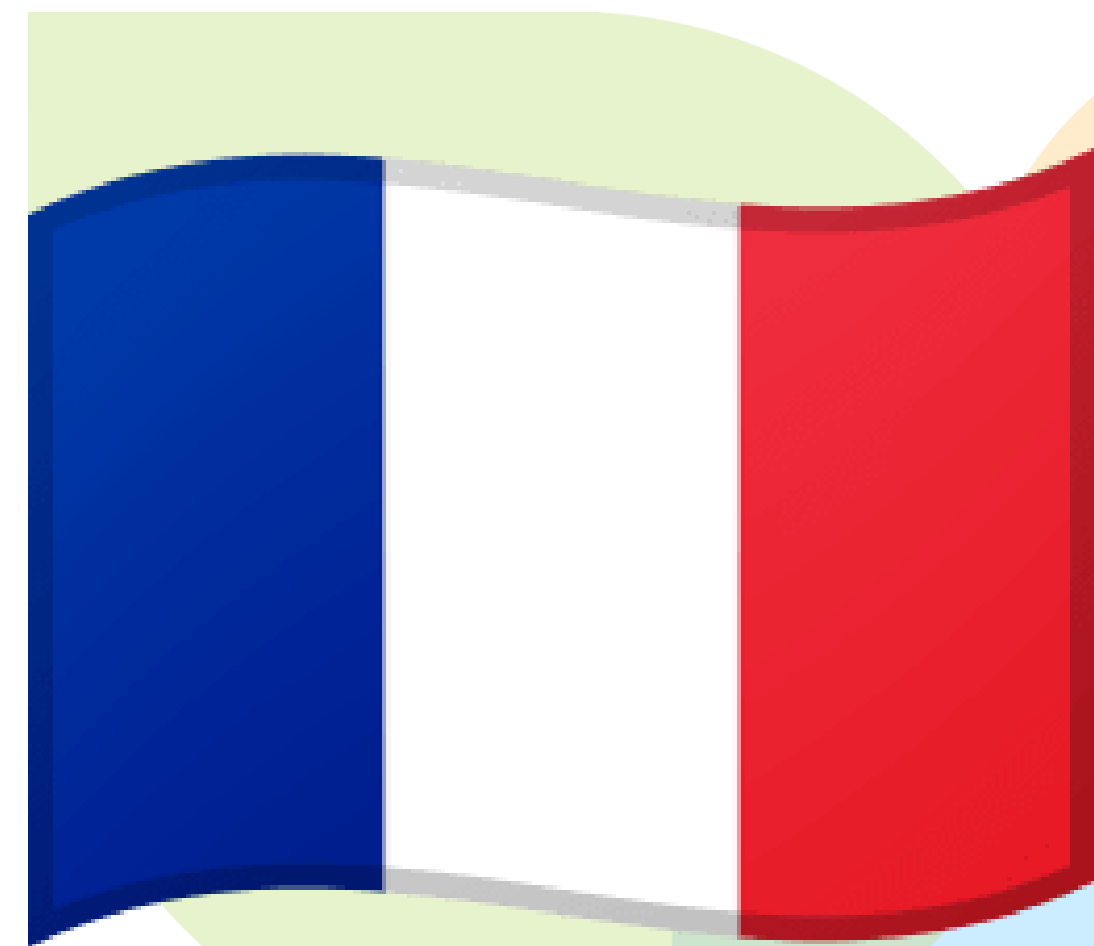
**FRANCE**



**HyLight**

**April  
2024**

Source: EU-Startups, Press article, April 15



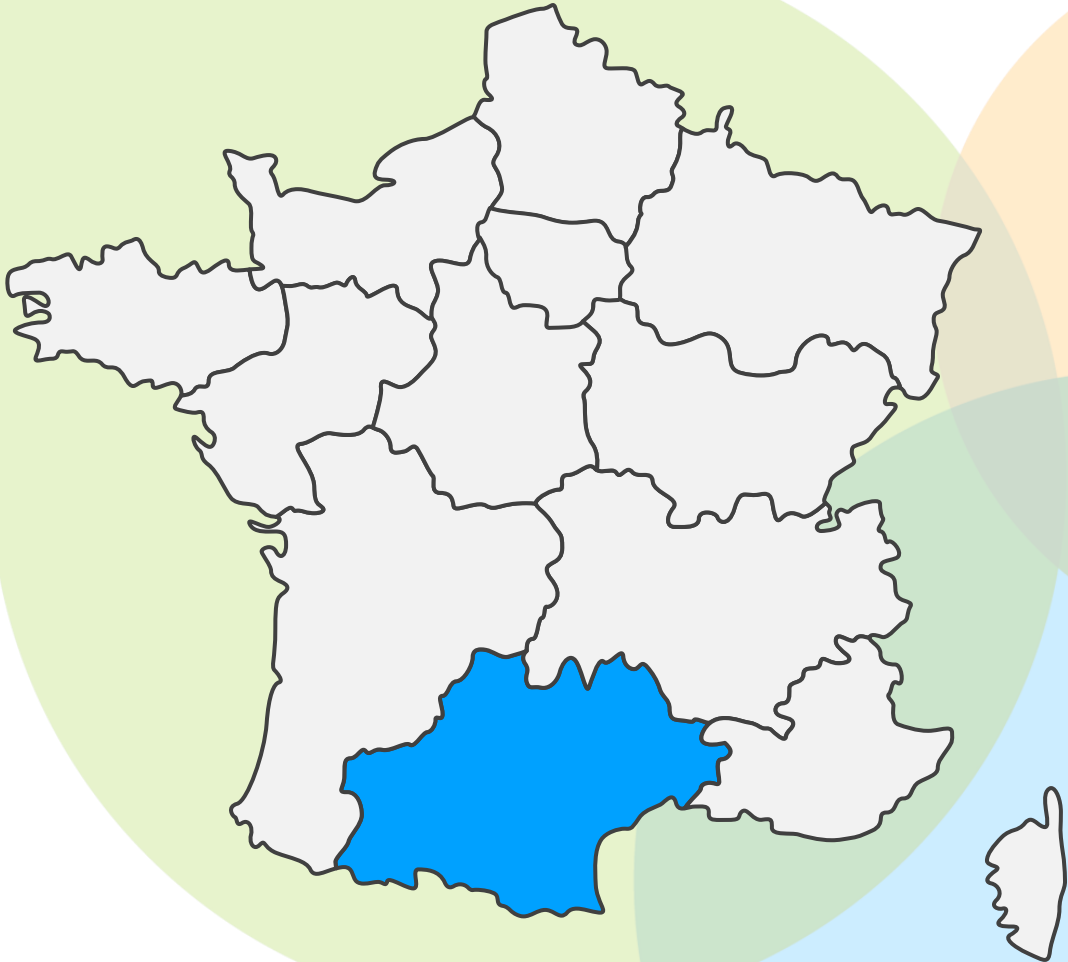
**FRANCE**



“After two years of intensive development testing, the **UTAC homologation test centre** has confirmed that the **retrofit kit** developed by **Hyliko** for the range of **44T tractor** units and **26T rigids** on its zero-emission heavy-duty mobility platform has **passed the homologation tests**. (...) Once approval has been granted, retrofitted 44T tractor units and 26T rigids will be ready for deployment, with the first Hyliko customers gradually **starting up operations** in the **first half of the year.**”

**April  
2024**

Source: Hyliko, Press release, April 18



**OCCITANIE**

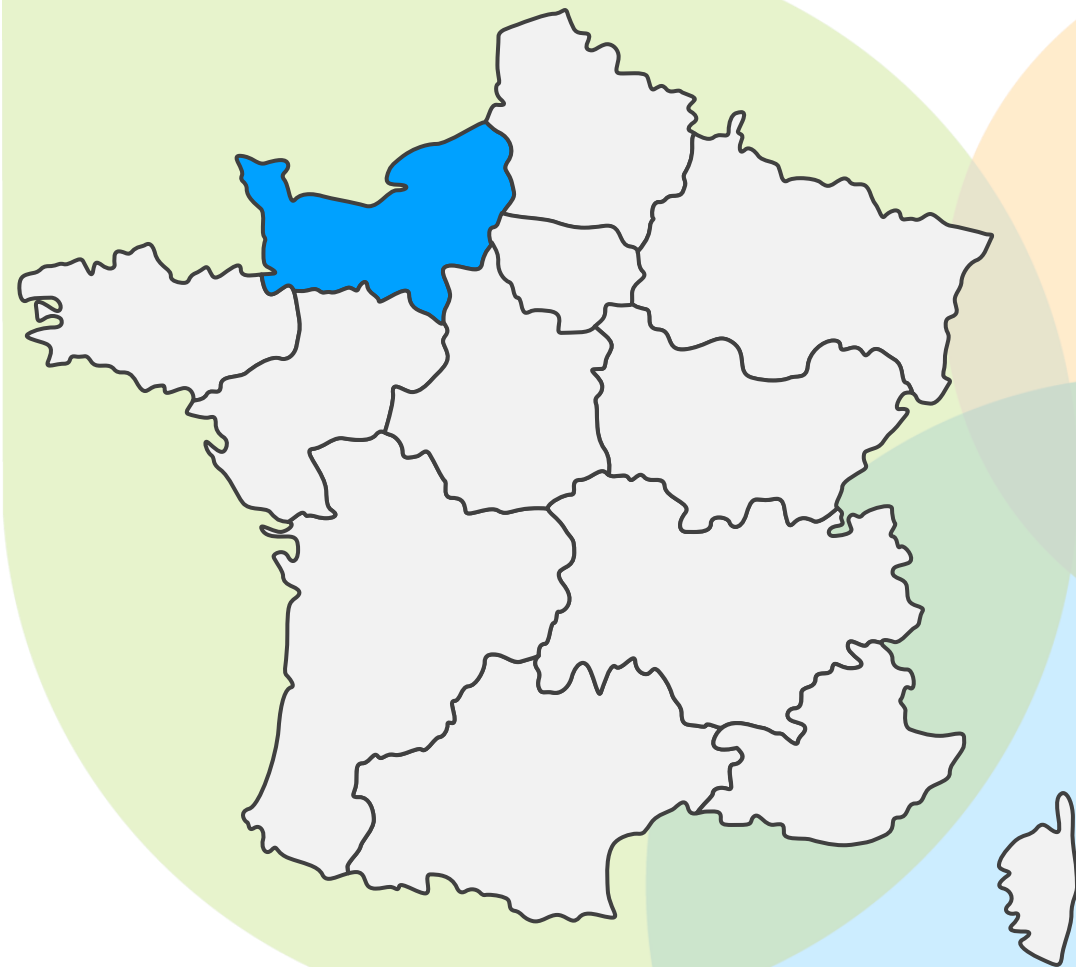


**April  
2024**

“On Wednesday April 17, in Albi, Carole Delga **inaugurated the first two green hydrogen-powered, CO2-free buses retrofitted by the Safra company (...)**. The first two retrofitted coaches will be put into service by the Occitanie Region by the end of April, on liO routes 702 and 709 linking Albi, St-Sulpice and Lavaur. A further 13 retrofitted hydrogen-powered coaches will be put into service in Occitanie by the end of the year. The Region has committed €7.2 million to this project.”

Source: Safra, Press release, April 18

“On Friday 19 April 2024, [Transdev] first **diesel coach retrofitted to hydrogen** made its first trip between **Evreux** and **Rouen** (...). The model selected for this operation is the Crossway vehicle made by IVECO, which is widely used in the interurban and school bus fleets in France. It will be fuelled at the EAS-HyMob station in Le Vieil-Evreux with green hydrogen, Air Liquide's Certif'HY, a hydrogen decarbonised by CO2 capture (...).”



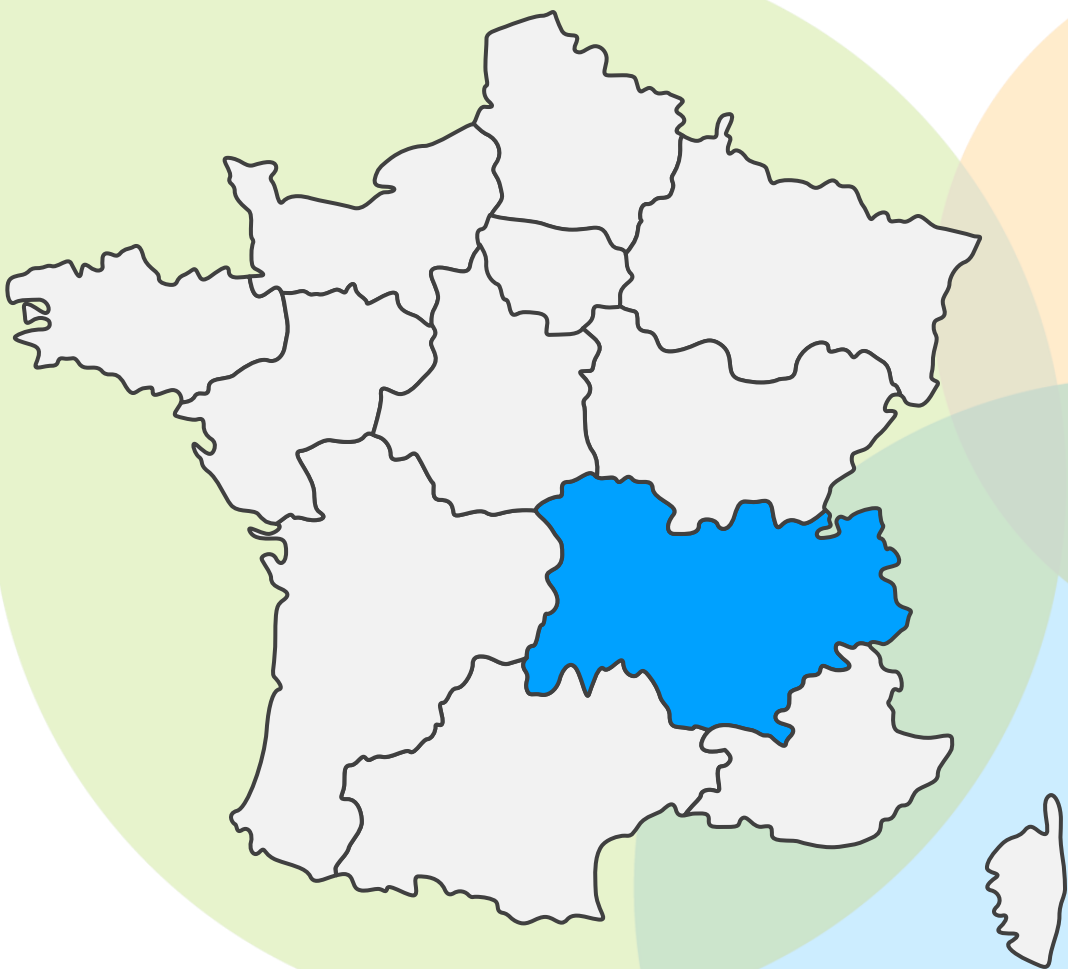
**NORMANDY**



**April  
2024**

Source: Transdev, Press release, April 22 (Translated with DeepL)





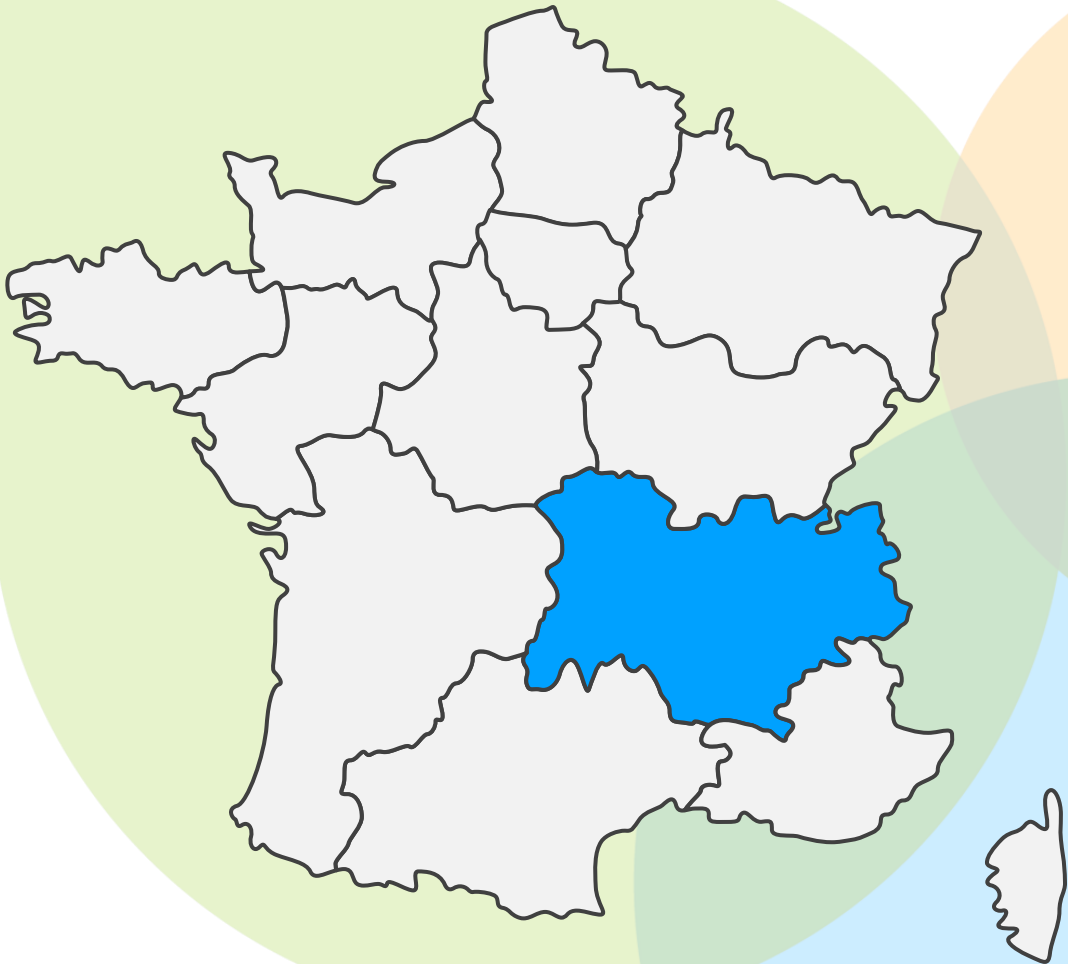
**AUVERGNE-RHÔNE-ALPES**



**April  
2024**

“**HYmpulsion** is continuing to expand its network of more than 15 hydrogen filling stations in Auvergne-Rhône-Alpes, with the **opening of a new station in Vénissieux**. Representing a total investment of **€2.5 million** (...) located at 32 allée de la Tâche Velin in Vénissieux, (...) it delivers hydrogen at 350 bars for **heavy vehicles** and 700 bars for **light vehicles** and **regional coaches**, with a total capacity of 400 kg per day. This is the fifth station in the HYmpulsion network as part of the Zero Emission Valley project, and adds to the network being developed in **Auvergne-Rhône-Alpes** (...).”

Source: ADEME, Press release, April 26



**AUVERGNE-RHÔNE-  
ALPES**

*Lhyfe*

**April  
2024**

“**Lhyfe** (...) and Ugitech, a subsidiary of **Swiss Steel Group** (...) have announced the signing of a **memorandum of understanding** for the creation of a **green hydrogen production unit** at **Ugitech’s Ugine site (Savoie, France)**, to decarbonise part of the steelmaker’s industrial operations and help decarbonise local mobility. (...) Lhyfe plans to install a green hydrogen production unit with a capacity up to twelve tonnes per day (a maximum **electrolysis capacity of 30 MW**), at the Ugitech plant. (...) The two partners are now entering the feasibility study phase of the project.”

Source: Lhyfe, Press release, April 30