

Stéphane Faudon, Renewable Energies Project Manager

**South Provence Alpes Côte d'Azur Region, H2 in the
Southern France region: an example of blended funding
through the HyaMMED project**

A REGIONAL SUPPORT PLAN

Priority 1 : Decarbonizing mobility

- Maritime – H2 Port of tomorrow
- Land heavy mobility
- H2 station network

Priority 3 : low-carbon & renewable hydrogen

- Biomass/waste potential
- Coupling electrolyzer & renewable electricity
- Mediterranean hub of import/export

Priority 2 : Decarbonizing industry


- High consumption at Fos-sur-Mer industrial area
- Industry GHG regional emissions: 40% CO2

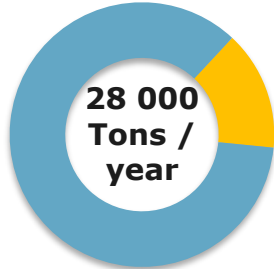
Priority 4 : Structuring hydrogen industry

- Job creation, activity deployment
- Attractivity
- Formation offer

2027 objectives

Industry consumption:
25 000 Tons H2 /year

 Substitution of fossil H2
New process



Mobility consumption:
3 000 Tons H2 /year

		
100 trucks 40 garbage trucks	6 maritime vessels	86 buses & coaches



AN ATTRACTIVE REGIONAL ECOSYSTEM

An already existing H2 ecosystem of actor distributed over the value chain

> 80 COMPANIES

+/- 50 POTENTIAL CONSUMERS ALREADY IDENTIFIED!

A regional supporting plan

50 M€

REGIONAL DEDICATED SUPPORT PLAN (2021 - 2027)

A wide scope of pioneering projects already achieved and/or under development



€ 25M€ ALREADY INVESTED



+30 HYDROGEN PROJECTS IN 5 YEARS



One ambition: to be one of the leading European regions in terms of sustainable development.



Source : Capenergies, 2021



STRONG R&D ECOSYSTEM AROUND RENEWABLE ENERGIES

- 4 Universities (170 000 students)
- 4 Technopoles, 10 Eng. Schools & 10 public Research Units
- 2nd French region in terms of foreign R&D investments



French Alternative Energies & Atomic energy Commission



Sophia Antipolis
Europe's largest technopole (~ 40 000 people, 2500 companies, 80 nationalities)

INERIS
French National Institute for Indus Environment
controlling risks | for sustainable development |

ENSO
National School for Fire Brigade officers
Ecole Nationale Supérieure des Officiers de Sapeurs-Pompiers

Arbois-Méditerranée
France's largest GreenTech technopole
TECHNOPÔLE DE L'ENVIRONNEMENT ARBOIS-MÉDITERRANÉE

brgm
Geoscience for a sustainable Earth

cea
Energy

cnrs
Sciences

CSTB
le futur en construction
Buildings

INERIS
controlling risks | for sustainable development |
Risks

Ifremer
Sea

IFSTTAR
Institut de Recherche pour le Développement
Transport

INRAE
Agronomy

IRD
Institut de Recherche pour le Développement
Sustainable development

Inserm
Health

ONERA
THE FRENCH AEROSPACE LAB
Aerospace



AN ARTICULATION BETWEEN FUND

H2HAUL:
an european truck project



+ CATHYOPE:
a national truck project



= HYAMMED:
a regional truck project
8 trucks
1 t/d station

- High duty vehicules
- High pressure
- High flow

A co-financed project:

- EU-fund from FCH JU
- National fund from ADEME
- Regional fund from Region Provence-Alpes-Côte d'Azur

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