



Innovation to drive the energy transition together




 RÉPUBLIQUE FRANÇAISE



WHAT IS A "COMPETITIVENESS CLUSTER"?

Since 2005, these clusters have been key partners in turning ideas into market-ready innovations!

SUPPORT



Engines of innovation and performance serving economic and societal challenges.

They bring together, within a region and around a specific theme, companies, research and training organizations, as well as all private and public stakeholders contributing to economic development.



54

Active competitiveness clusters

20 000

Companies

2 500

Research and training centers

400

Average number of members per cluster, 80% of which are SMEs

28 000

Supported projects

55 Mrds €

De fonds publics et privés mobilisés

3 for 1

€3 invested by the private sector in R&D for every €1 of public funding mobilized



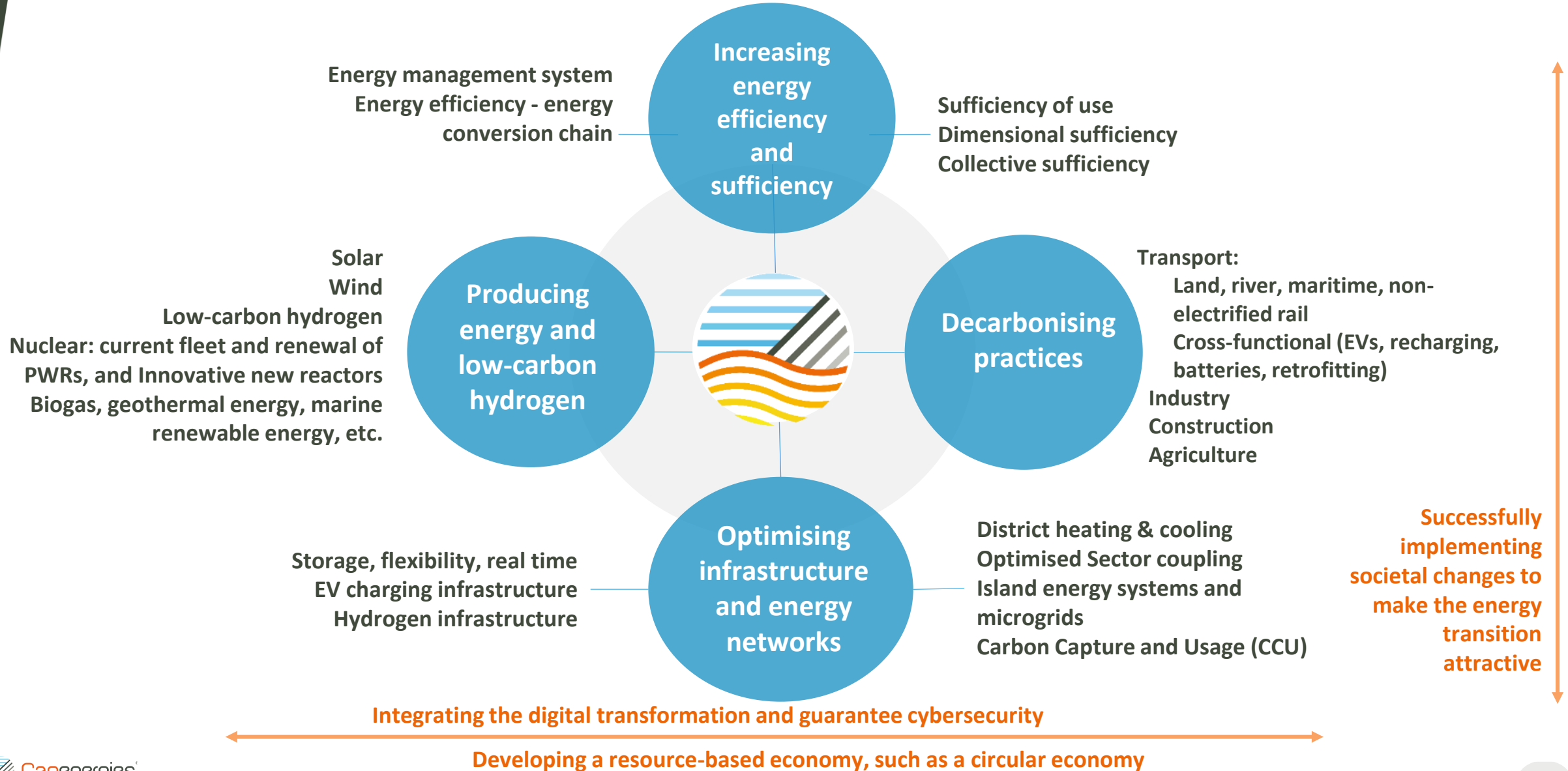
THEIR MISSION

Their mission is to mobilize the key drivers of competitiveness: innovation capacity, access to R&D and funding, growth development, skills enhancement, and international expansion.

As network facilitators, the clusters support their members by providing expertise in project certification, securing funding, identifying partners, and creating value.



SPHERE OF STRATEGIC ACTION & CROSS-DISCIPLINARY FIELDS



MISSIONS AND ACTIVITIES ORGANIZED AROUND 3 PILLARS

	OUR STRENGTHS	OUR ACTIVITIES
SUPPORT INNOVATION	<ul style="list-style-type: none"> • Knowledge of industries, technologies, innovations, and markets • Expertise in European projects • Familiarity with regional and national funding sources and schemes • Connection to energy ecosystems 	<ul style="list-style-type: none"> • Monitoring • Certification • Technology assessments • Market reports • European projects • Thematic clubs
FACILITATE NETWORKING	<ul style="list-style-type: none"> • Connection to ecosystems • Composition of our membership portfolio • Experience with various facilitation formats 	<ul style="list-style-type: none"> • Organisation d'évènements • Rencontres BtoB • Clubs • RDV mensuels • Accès aux salons de références • Plate-forme collaborative AGORA
SUPPORT DEVELOPMENT AND GROWTH IN OUR TERRITORIES	<ul style="list-style-type: none"> • Connection to institutional partners and ecosystem actors • Our expertise • Composition of our membership portfolio • Knowledge of the strategic challenges of territories • Openness to Europe (funding sources, partners, etc.) 	<ul style="list-style-type: none"> • Funding • Skills / Training / Recruitment • Support for territorial projects • Industrialization of solutions • Consolidation of Energy/Climate strategies • CSR (Corporate Social Responsibility) • Digital & AI • Societal acceptability

VISIBILITY and COMMUNICATION Actions

PROVIDING SUPPORT TO FACILITATE INNOVATION AND SYNERGY



INNOVATION

- Supporting the emergence of innovative projects
- Helping to organise / consolidate projects
- Connecting members with qualified experts and technology platforms and/or potential partners
- Recommending suitable French and European public finance organisations
- Awarding projects with the Capenergies label
- Facilitating technology transfer



GROWTH

- Identifying specific financial sources
- Driving digitalisation and decarbonisation
- Promoting innovative solutions
- Connecting members with investors



SKILLS

- Assisting in recruitment (including disabled workers)
- Supporting curriculum changes



TECHNOLOGY WATCH AND NETWORKING

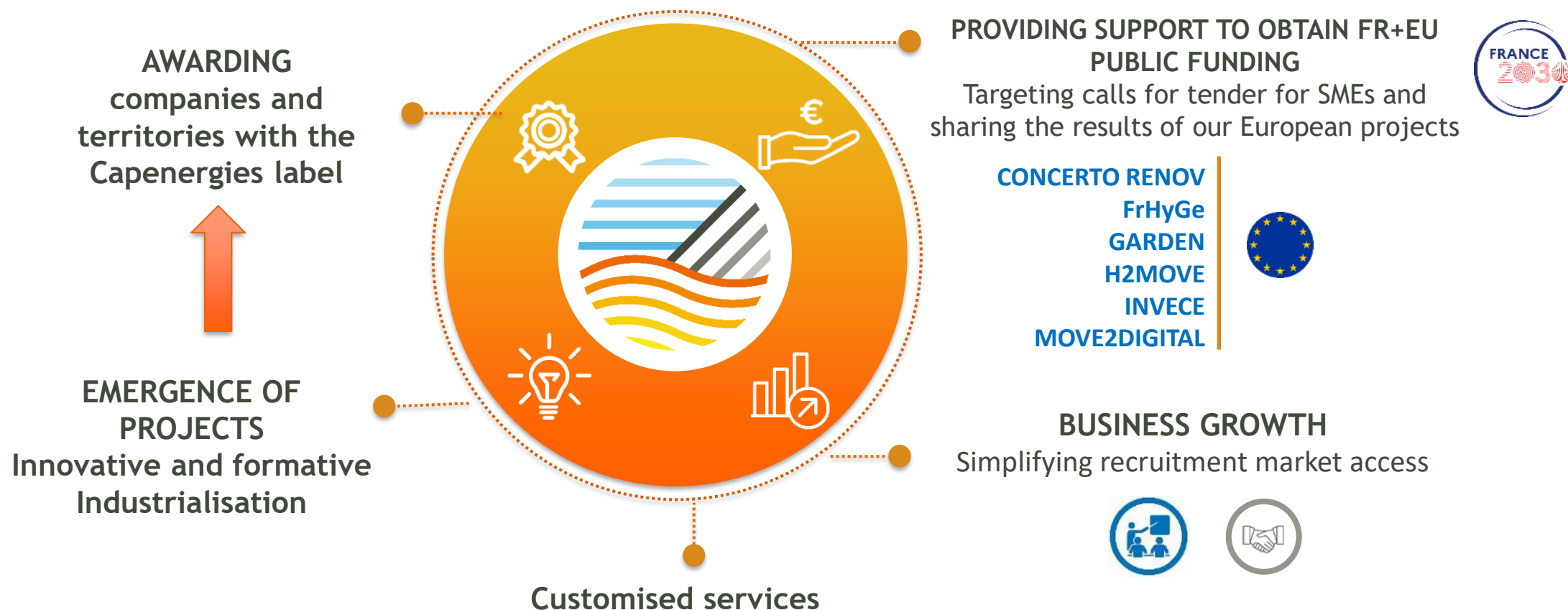
- Sharing information on developments in the energy transition sector
- Connecting members with leading public and private players
- Pooling resources / simplifying access to targeted trade shows in France and overseas



LOCAL AND REGIONAL PROJECTS

- Supporting regional energy and decarbonisation projects
- Providing expert advice to strengthen energy/ climate strategies
- Connecting with qualified solution providers

MISSION STATEMENT: GUIDING AND SUPPORTING INNOVATION



A RESPONSIVE AND COMMITTED NETWORK



INNOVATION

895 accredited projects

517 projects funded

€635 million in subsidies allocated
out of a total budget of €3795 million

Figures updated as of 01/01/2025

520

MEMBERS

+ 300

FRENCH AND EUROPEAN
PARTNERS

3

PARTNER REGIONS
+ Monaco

- Companies
- Research and training structures
- Finance organisations
- Local authorities, institutions & associations

6

EUROPEAN PROJECTS

- Provence-Alpes-Côte d'Azur region
- Corsica
- Guadeloupe
- Principality of Monaco

- CONCERTO RENOV
- FRHYGE
- GARDEN
- H2 MOVE
- INVECE
- MOVE2DIGITAL

CAPENERGIES NETWORKING ACTIVITIES

REGULAR MEETINGS



June 6, 2025

General Assembly
& B2B meetings

Monthly

~3 to times a year

Once a year

- Capenergies **monthly meeting**
 - **Labeling Committee**

CLUB MEETINGS



NEW



- Drive **innovation** and support the emergence of new projects
- Facilitate discussions and encourage **collaborations** between players
- Share **experience feedback** and promote collective learning
- Publication of information on new developments, regulations and business **opportunities**

FOCUS ON THE "NUCLEAR CLUB"

REGULAR MEETINGS



EPC & SPECIALISTES



Grand donneurs d'ordres



Recherche / Laboratoires



Start-up



Institutionnels



Conseil et Ingénierie



Formation



CLUB NUCLÉAIRE 2023 - 2025 OVERVIEW



TOPICS

- ◆ SMRs
- ◆ HR and ISO certification
- ◆ Nuclear instrumentation
- ◆ H2 and Nuclear for industry
- ◆ Naval Nuclear propulsion
- ◆ Nuclear FUSION (IRFM - Iter)
- ◆ Engineering
- ◆ Decontamination and dismantling (July 2025)
- ◆ Nuclear Fuel Cycle (Autumn 2025)



VISTS

- ◆ CEA NUCLEAR FACILITIES
- ◆ EDF training center and simulated of reactor control room
- ◆ Military submarine base (Toulon)
- ◆ Tokamak WEST



NETWORKING

- ◆ Round-table discussion
- ◆ Lunch & Networking
- ◆ Targeted contact & referral



ACCREDITATION COMMITTEE MEETING SCHEDULE FOR 2024

THE CAPENERGIES LABEL TO IMPROVE YOUR CHANCES OF SUCCESS

Capenergies supports project leaders through the ACCREDITATION process to gain the Capenergies label
Strengthen your project value and obtain expert advice to achieve excellence during the project funding application process.

CHAIRMAN



Olivier APPERT
Member of the French
National Academy of
Technologies



Sylvain BRÉMOND
Capenergies deputy director



Patrick ACHARD
Director of research
MINES PARIS TECH

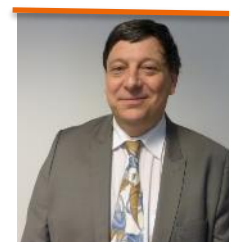


Hélène BURLET
Expert in the scientific
directorates of the CEA
Energy Division



Bruno GUIGLIARELLI
Professor
Aix-Marseille University

TRAINING COMMITTEE MEMBER



Philippe DUMAS
Professor
Aix-Marseille University

Attention: accreditation files are sent to the committee experts one week before the accreditation committee meeting

INDUSTRY COMMITTEE MEMBERS



Virginie LEHNING
Manager of Innovation &
Incubation at TECHNIP
ENERGIES



Laurent LELAIT
Sourcing manager of
Open Innovation at EDF
R&D



Hubert TARDIEU
GAIA-X independent
director



Elie ZNATY
ZNATEAM chairman

FINANCE COMMITTEE MEMBER



Olivier DUPONT
Vice-chairman of the
DEMETER supervisory
board

2025

21 January

19 June

27 February

26 September

20 March

16 October

30 April

20 November

23 May

17 December

ACCREDITATION TO INCREASE THE SUCCESS RATE OF PROJECTS

RESULTS 2023

44 projects assessed

↳ **84%** of all projects accredited

↳ **86%** projects funded

€343 M total budget allocated
(*accredited projects*)



SINCE THE CREATION OF THE CLUSTER

867

accredited projects

€3312 M

budget allocated

506

projects funded

€631 M

in subsidies

MAIN FINANCE ORGANISATIONS



bpifrance



anr®

THE CAPENERGIES LABEL: EXCEPTIONAL EXPERTISE FOR YOUR PROJECTS!

6 permanent experts and 2 accreditation committee members help to **choose the best innovations within the scope of National and Regional competitions and calls for projects**



Accredited projects secure public funding at twice the rate of non-accredited projects!

SYRIUS (ZIBAC): A PROGRAMME TO DECARBONISE THE INDUSTRY



 Industrial-port area of Fos, perimeter of the Etang de Berre and the Gardanne area



The SYRIUS programme launched on 3 April 2023

Financé par



PROGRAMME MANAGEMENT AND COORDINATION



PROGRAMME PARTNERS



Capenergies



Novachim
Pôle Innovation



Marseille Fos
Le port euroméditerranéen



LA METROPOLE
AIX-MARSEILLE-PROVENCE



REGION
SUD
PROVENCE
ALPES
CÔTE D'AZUR

Studies organised by themes (decarbonisation levers)



*
Energy/ reagent vectors
and infrastructure

12
studies



*
Carbon capture, utilisation
& storage and process
changes

Studies



*
Logistics

Studies



*
Local development

Studies

SYRIUS programme
sponsor



Decarbonisation
paths
and
industrial
ecology

STRONG PARTNERSHIPS IN FRANCE AND EUROPE



300

European partners

European Clean
Hydrogen Alliance



CENTRES, CLUSTERS & OTHER PARTNERS



Novachim
Le CRITT Chimie & Matériaux



FRENCH PARTNERSHIPS



MINISTÈRE
DE LA TRANSITION
ÉNERGÉTIQUE

Liberté
Égalité
Fraternité



CAPENERGIES GOVERNING BOARD

Governance representing its members

FOUNDING MEMBERS



INDUSTRY (LARGE GROUPS, SMALL- & MEDIUM-SIZED ENTERPRISES)



RESEARCH & TRAINING



FINANCIAL CONTRIBUTORS



Business Angels



PARTNER TERRITORIES



SPONSORED BY



ADEC



Gouvernement Princier
PRINCIPAUTÉ DE MONACO



MÉTROPOLE
TOULON PROVENCE MÉDITERRANÉE



FR RÉPUBLIQUE FRANÇAISE