

CREATING
THE ENERGY
OF TOMORROW

WITH OUR TALENTS
IN THE SUD REGION

rising **SUD**

Sud Provence-Alpes-
Côte d'Azur Economic
Development Agency

**RÉGION
SUD**



PROVENCE
ALPES
CÔTE D'AZUR

I've made the Sud region a showcase for innovation and industry. In my mind, this was essential because we are a Region that is driving the implementation of climate agreements and the development of the energies of tomorrow. We have the talent, the cutting-edge companies and infrastructure to ensure our commitment to excellence will be successful.

Renaud MUSELIER

President of the Provence-Alpes-Côte d'Azur Region

RENOWNED TRAINING OPPORTUNITIES RELATED TO ENERGY

25 000

Students in
environmental
sciences

more than 1 000

Initial training programs
(professional development,
apprenticeships*)

25 Master's degrees

20 Professional degrees

Specialized training campuses

- Eco-Campus Provence Formation, Sainte-Tulle
- Smart Campus Nice-Sophia Antipolis

The deployment of Smart Grids facilitates the energy transition and raises key questions about recruiting needs and the evolution of the training programs, the skill sets, and the professions related to this field. To respond, it is clear that information and communication technologies must be incorporated into the professions that are found along the energy value chain.

Philippe LEBARBENCHON

General Director of IRFEDD
(environment and sustainable development training center)



4 Universities

Aix-Marseille University • University of Avignon •
University of Toulon • University of Nice-Sophia Antipolis



9 Engineering schools

Arts et Métiers ParisTech • École Centrale Marseille •
École de l'Air (French Air Force Academy) • École
Nationale Supérieure des Mines de Saint-Etienne •
Epitech • ISBA TP (civil engineering) • ISEN Écoles
d'ingénieurs des Hautes Technologies et du
Numérique (Yncréa group) • Polytech • SeaTech (INP
group)



**3 Campuses of Trades
and Qualifications**

Blue Economy • Industries of the Future • Technology



more than 30 CFAs

Certified apprentice programs

**Public programs across the region.
More information at www.irfedd.fr and www.espace-competences.org
(sites in French)*



PRIMARY SITES FOR INNOVATION AND RESEARCH DEDICATED TO THE ENERGY SECTOR

- **Center for Processes, Renewable Energies, and Energy Systems (PERSEE)**, Sophia Antipolis
Research center for new energy technologies and renewable energies.
- **The National Fire Officers Academy (ENSOSP)**, Aix-en-Provence
Research and training related to nuclear, radiological, chemical, and explosive risks.
- **Mediterranean Institute of Risk, Environment, and Sustainable Development (IMREDD)**, Nice
Research and training in the fields of sustainable development and Smart City technology.
- **City of Energies**, CEA Cadarache
Bringing together R&D expertise in the low-carbon energy sector.
- **PIICTO**, Fos-sur-Mer
Association that fosters innovation in the areas of the energy transition, the circular economy, security etc.
- **Technocentre Henri-Fabre**, Marignane
Collaborative, inter-sector innovation: energy, aeronautics, space, naval, etc.
- **Technopôle de l'Environnement Arbois-Méditerranée**, Aix-en-Provence
Supports the creation and development of innovative environment-related businesses and research programs.
- **thecamp**, Aix-en-Provence
A site for innovation and experimentation, a professional training campus, and an accelerator for pioneering companies.

FOCUS 2 LANDMARK PROJECTS WITH HUGE EMPLOYMENT IMPACTS

ITER

International project to develop a new clean and sustainable energy source: nuclear fusion.



5 000

People employed in the
offices and on-site
since 2007

Source: ITER.org

HYGREEN PROVENCE

Project aiming to create large-scale production and storage of green hydrogen stemming from solar electricity.



1 210

Jobs to be created
(estimate)

Source: FNTF



40 000

Jobs in the Smart Energy sector



3 700

Public- and private-sector establishments involved in Smart Energy



more than 20 000

Jobs in nuclear energy



2 400

Potential new jobs in the retrofitting-for-energy-efficiency sector



60 000

New jobs created in the renewable energy sector by 2023 (126 000 new jobs by 2030)



8 Competitiveness hubs and clusters

Aqua-Valley, Capenergies, EA Eco-Entreprises, Envirobot BDM (sustainable Mediterranean buildings), Novachim, Pôle Mer Méditerranée, SAFE Cluster, SCS (Secure Communicating Solutions)

Sources: Region Sud 2018, INSEE 2013, SRADET Regional Climate Plan "Une COP d'avance", Observatoire Régional de l'Énergie du Climat de l'Air 2010

A DEDICATED RANGE OF HUMAN RESOURCES SERVICES TO SUPPORT YOUR INVESTMENT OR RELOCATION PROJECT

The Skills & Talents initiative by **risingSUD** mobilizes actors in the employment and training fields to provide a one-stop support service (consulting, recruitment, financing) at every stage of a business project:

- Identifying a company's HR needs and expectations
- Mobilizing the pertinent networks
- Providing custom solutions with local partners

In special partnership with DIRECCTE, the Region Sud, the Academies of Aix-Marseille and Nice, the Pôle Emploi, APEC, Campus des Métiers et des Qualifications, IRFEDD, CARIF Espace Compétences, EDF, UIMM, PICTO, OFII, AFPA...