



Olivier Bard, olivier.bard@gifen.fr
Christophe Neugnot, christophe.neugnot@gifen.fr
Anne-Sophie Defay, annesophie.defay@gifen.fr



UNIVERSITÉ DES
MÉTIERS DU
NUCLÉAIRE

Hélène Badia, UMN, helene.badia@edf.fr
Soazig Drévilhon, UMN, soazig.drevillon@edf.fr
Sophie Andrieu, UMN, Sophie.andrieu@edf.fr

The French nuclear industry is developing a comprehensive new nuclear program focusing on both maintaining its existing infrastructure and building new facilities.

Strategic importance of this initiative within France’s industrial framework.

French national context

57 reactors

- + 11 in post-operation or dismantling
- + 2 under construction (RJH, ITER)
- + 6 (+8) planned (Penly 3/4, Gravelines 7/8, Bugey 6/7)
- + Fuel cycle installations
- + Research facilities

~500

core companies and up to approx. 2000 companies involved

~200 000

jobs of which more than half are from operators' suppliers

95%

of carbon-free electricity & 67% of total electricity production in 2024

A sovereign sector on the whole of the nuclear value chain expertise on the French nuclear

R&D, Research Reactors and GEN IV

Uranium mining and enrichment

Reactor Components I&C, Fuel, Conception and manufacture

Nuclear power plants

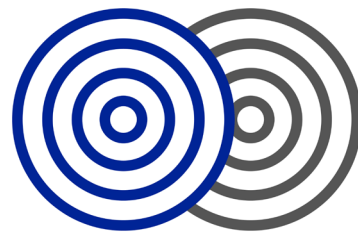
Services to Plants

Spent fuel treatment and recycling

Waste management

Decommissioning Dismantling

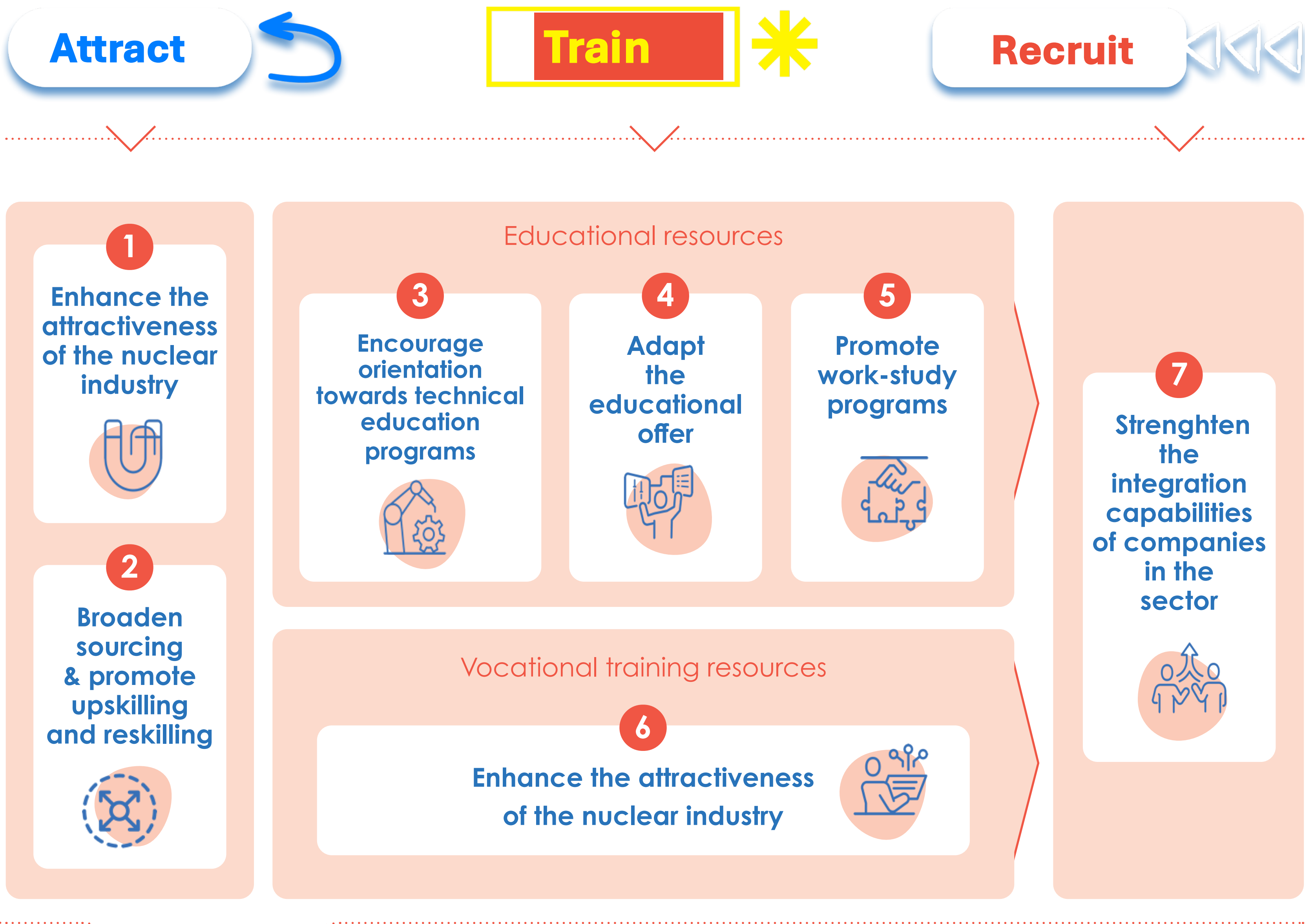
12 reactors in French navy



PROGRAMME
MATCH

- **Projected 20-25% increase in workload by 2035** due to new builds, long-term operations, SMR development, ITER, and decommissioning.
- **10-year operational roadmap**, breaking the nuclear industry into 20 segments and identifying about a hundred professions.
- **need to recruit 100,000 professionals** over the next decade.

French Nuclear Skills Roadmap



The French nuclear sector is recruiting

100,000
jobs by 2034

10,000
recruitments
per year



Lever 4

ADAPT

Education and Training programs

PASSEPORT NUCLÉAIRE

Nuclear Passport =

- Basic knowledge on the nuclear sector (how works a nuclear power plant, nuclear safety, radioactivity, etc.) with the help of a dedicated e-learning
- Visit or Internship on a nuclear company
- Practical exercises on nuclear activities

Lever 1

[BUILD YOUR FUTURE]

www.monavenirdanslenucleaire.fr

Mon Avenir dans le Nucléaire

Education and Training

Internship & apprenticeship

Job offers

NUCLEAR INDUSTRY #HIRING

Et si votre avenir se construisait dans le nucléaire ?