

The CNRS finds applications for the results of its research laboratories

A NETWORK FOR INNOVATION

The CNRS Innovation and Business Relations Department (DIRE) monitors and facilitates the cycle of innovation.

→ It coordinates **300** technology transfer professionals, **18** CNRS regional partnership and technology transfer departments, and FIST SA, a subsidiary dedicated to industrial applications, managing the CNRS patent portfolio and negotiating operating agreements (www.fist.fr).

→ The CNRS also relies on the local action of the **14** technology transfer companies (SATTs) in which it is a shareholder.

→ Each year, the CNRS allocates **€18 million** (excluding payroll costs) to technology transfer.



BUILDING PARTNERSHIPS WITH INDUSTRY

From startups to multinationals, the CNRS offers an array of solutions to help companies develop their R&D capacity. It works closely with industry through **about a hundred public/private research units**, 2,000 research contracts each year and **26 framework agreements** with large corporations (EDF, Essilor, Safran, Thales, etc.).



TRANSFERRING TECHNOLOGY

With **4,535 patents** and **1,237 active licenses**, the CNRS guarantees the protection of its laboratories' results. The DIRE registers patents, signs licensing agreements and supports the creation of innovative businesses with FIST SA and the SATTs.



PROMOTING BREAKTHROUGH INNOVATION

→ The CNRS earmarks **€2 million annually** to help bring projects with strong innovation potential to fruition.

→ The CNRS concentrates its efforts, both at the national and international level, on key fields of expertise, or "CNRS Transfer Focus" areas.



CREATING BUSINESSES

As a driver of economic growth, the CNRS takes pride in the launch of more than **1,000 innovative companies**, generating **7,000 jobs** (Innoveox, SuperSonic Imagine, WatchFrog, etc.) since 1999. It provides support for entrepreneurs at every stage of the startup process, through consulting and coaching, simplified administrative procedures, tailored financial conditions and equity investment through FIST SA. In addition, the CNRS participates in the development of a seed capital fund for the benefit of innovative startups.



SHARING KNOWLEDGE

Each year, the CNRS gives access to its laboratories and technological platforms for **180 short training sessions** in key areas. Its experts also provide training at companies' premises. <https://cnrsformation.cnrs.fr>

The CNRS services, including consulting, expertise, assessments, publishing, thesis supervision and laboratory experience promote interaction between researchers and industry on innovative projects.

As the organizer of high-profile events on innovation-oriented themes ("Innovatives" forums www.innovatives.cnrs.fr), or "Start-up Connexion" calls for proposals) and a participant in business seminars and conferences, the CNRS reaches out to the socio-economic world.

THE 20 "CNRS TRANSFER FOCUS" AREAS FOR INNOVATION

Graphene and 2D nanomaterials
 Memory technology (magnetism, spintronics)
 Optoelectronics - Therapeutic light sources
 Optoelectronics - LED
 Optoelectronics - THz sources
 Oncology - Immunotherapy
 Oncology - Biomarkers
 Oncology - Tumor stem cells
 Oncology - Epigenetics
 Alzheimer's
 HIV
 Dermocosmetics
 Molecular imaging agents
 Batteries
 Organic photovoltaic solar energy
 Thin-film photovoltaic solar energy
 Lignocellulosic biomass applications
 Industrial use of CO₂
 Service robotics
 Big data

20 Nobel Prize laureates

12 Fields Medal winners

1st beneficiary of the European Research Council's Consolidator Grants (2014)

1st place in the *Nature Index* (2014)

1st place in the *Scimago Institutions Rankings* (2014)

THE CNRS AT A GLANCE

The French National Center for Scientific Research, or CNRS, is a public research organization. Its **10 specialized institutes** cover all scientific disciplines, from the humanities and social sciences to biological sciences, nuclear and particle physics, information sciences, engineering and systems, physics, mathematical sciences, chemistry, Earth sciences and astronomy, and ecology and the environment.

The CNRS operates **1,025 joint research units**, of which 35 are outside of France. With a budget of €3.2 billion, it is home to **32,544 researchers, engineers and technicians**. The organization is also involved in the development and operation of large-scale research facilities, including telescopes, particle accelerators, supercomputers and very large databases.

7th largest patent filer in France in 2014 (INPI)

Listed in the 2014 *Thomson Reuters Top 100 Global Innovators*

Every year, the CNRS awards its **Gold Medal** and **Medal of Innovation**.

CNRS

a Driver of Innovation

A leading research player at the heart of scientific, technological and societal challenges, the CNRS provides businesses with solutions for innovation.

cnrs

www.cnrs.fr

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