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National Center for Scientific Research

Presentation

(Centre National de la Recherche Scientifique)



CNRS ORGANISATIONAL DATA



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| Organization type: **scientific & technological** public organization, under administrative authority of the French Ministry of National Education, Higher Education and Research

| Creation: **1939**

| It is the largest fundamental research organization in Europe

| Research carried out in **all fields of knowledge**

| **Research performed in partnership** with universities and/or research organizations as well as private companies within **joint research units**

| number of research units (laboratories): **1,100**

| **95%** of research units are joint research units: **1,045**



AN AMBITIOUS RESEARCH POLICY

- | Ten theme-based institutes and a mission for Interdisciplinarity
- | Important means dedicated to very large-scale research infrastructures
- | A policy of strengthening partnerships with higher education institutions
- | Active commitment in the setting up of a European research area
- | An ambitious international policy
- | Strong links with the business world



THE TEN CNRS INSTITUTES





RESOURCES AND RESULTS UP TO OBJECTIVES

- | A **33,000**-strong workforce, including :
 - | **24,900** permanent personnel,
 - | **11,200** researchers and
 - | **13,700** engineers, technicians and administrative staff carrying out and supporting research
- | 2014 initial budget: **3.272** billion euros, including **701** million euros in CNRS-generated income
- | Over **1,100** research and service units
- | **43,000** publications each year on average for the period 2007-2011, according to the Global Scimago Institutions Rankings 2013
- | **20** Nobel prize laureates and **12** Fields Medal winners



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AN IMPORTANT ACTOR IN ECONOMIC LIFE



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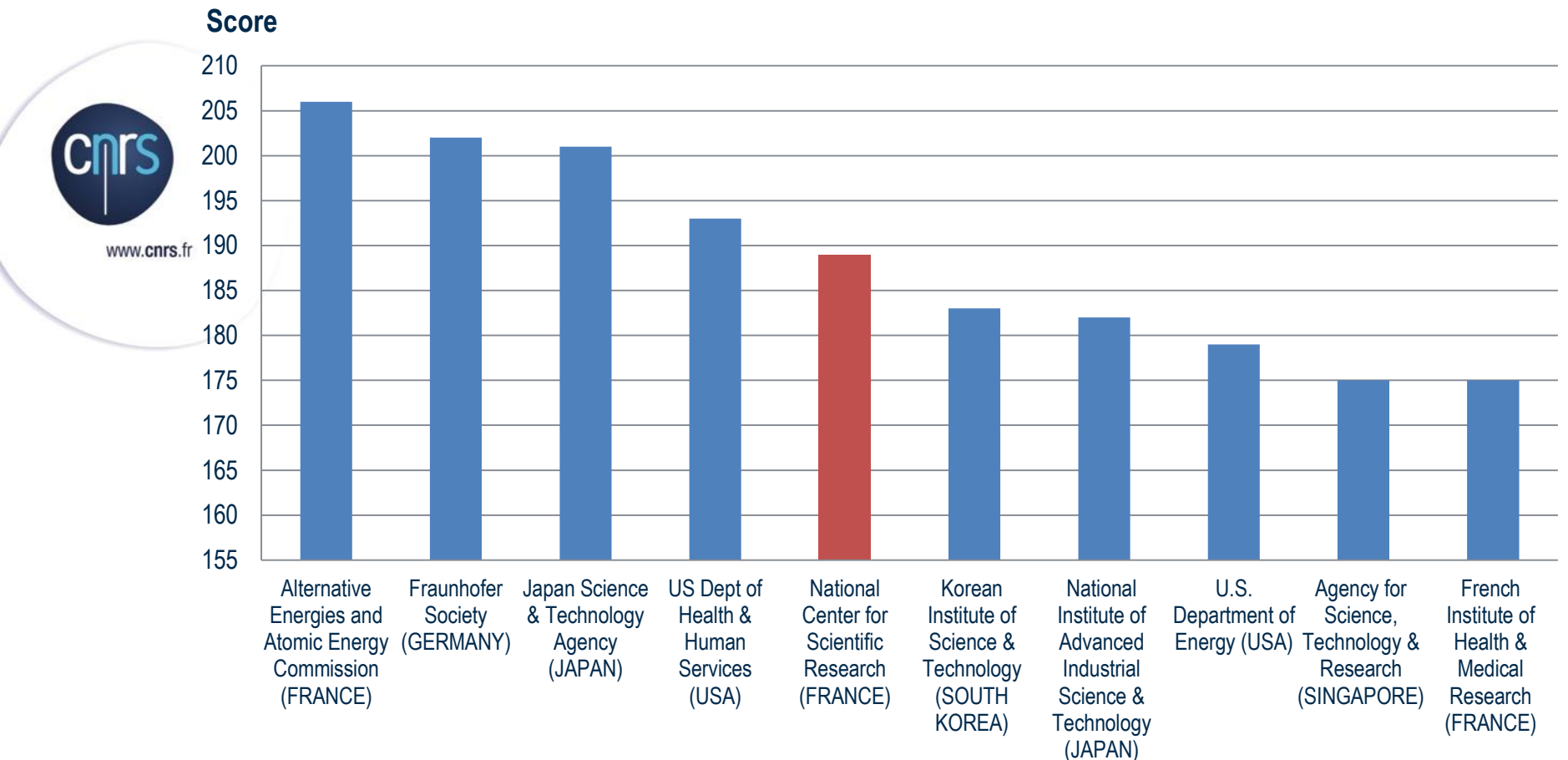
The CNRS develops productive relationships with industry, helps laboratories enhance their research and transfers technology to the business world

- | The CNRS has entered into **25** framework agreements with large industrial groups. It has set up **84** associated research laboratories with businesses.
- | With a portfolio of **4,535** patent families, the CNRS is among France's top **10** patent filers
- | More than **1,000** start-ups have been launched, stemming from research carried out in CNRS laboratories since 1999.
- | The CNRS plays an active role in France's **14** technology transfer companies (SATT) and is a member of France's **46** competitiveness clusters (out of 70).



CNRS & Innovation

The world's most innovative research institutions (Thomson Reuters 2015 ranking)





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□ CNRS on the international scene

INTERNATIONAL RANKINGS

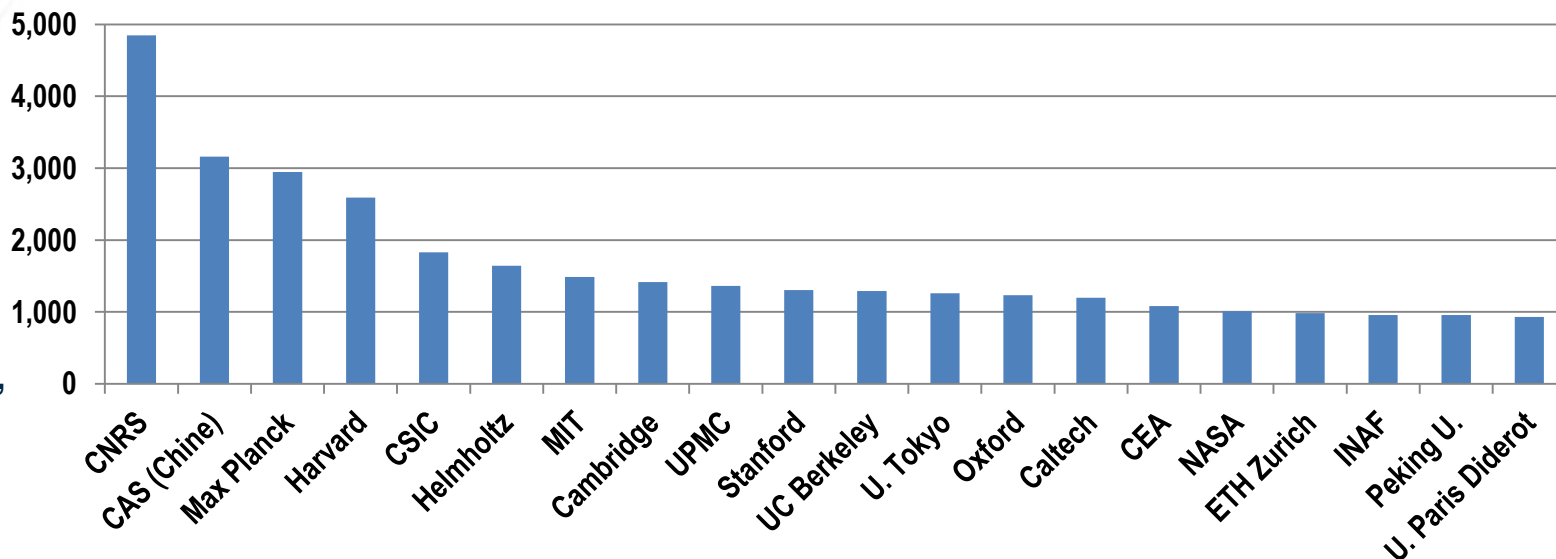
Scopus/Scimago :

CNRS 1st, before the Chinese Academy of Science (CAS), the Russian (RAS), then Harvard

Thomson Reuters/Web of Science :

CNRS 4th, after CAS, Max Planck & Harvard (but CNRS is 1st in citations number)

Nature Index :



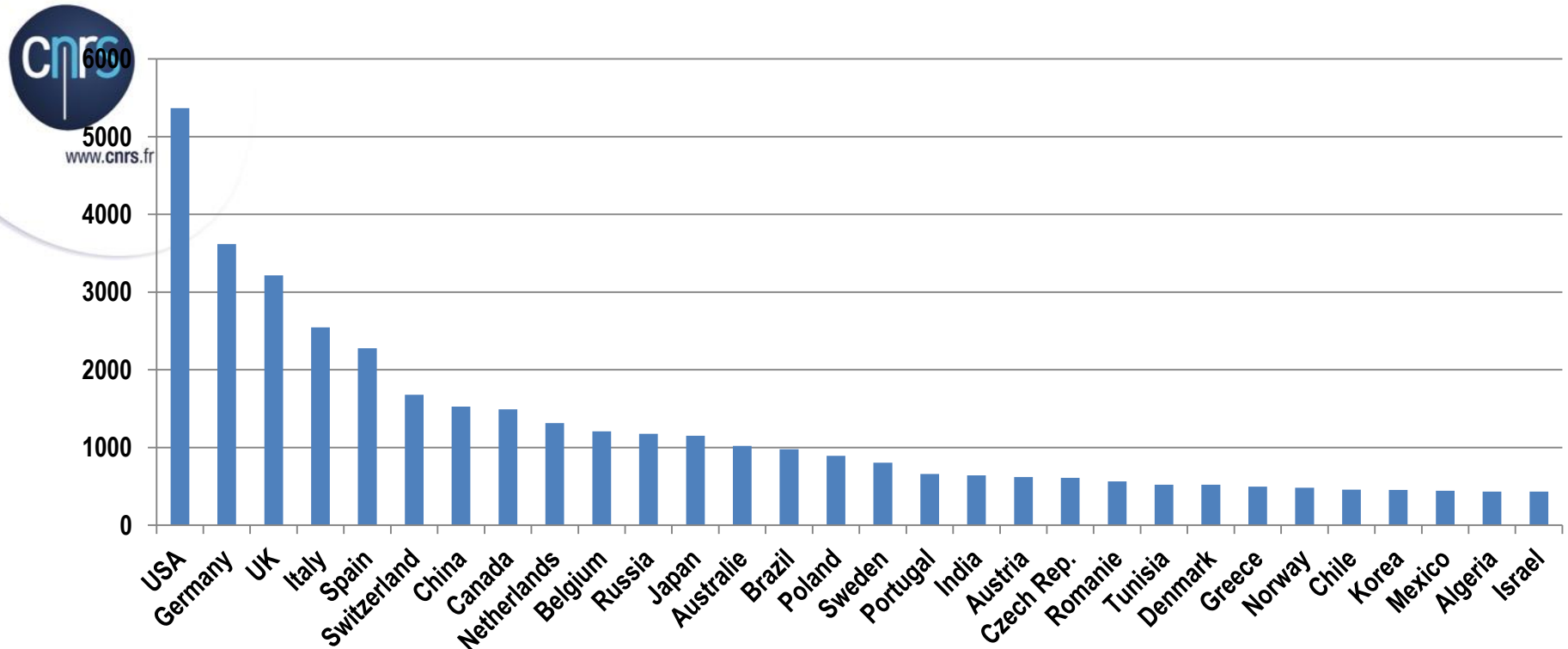
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Nature Index
Institution Output
Article Count
February 2014-
January 2015

20 first institutions,
in publications
number

20 000 INTERNATIONAL COPUBLICATIONS PER YEAR (57 % of all CNRS publications)

CNRS co-publications breakdown per country (2012-2013 average)



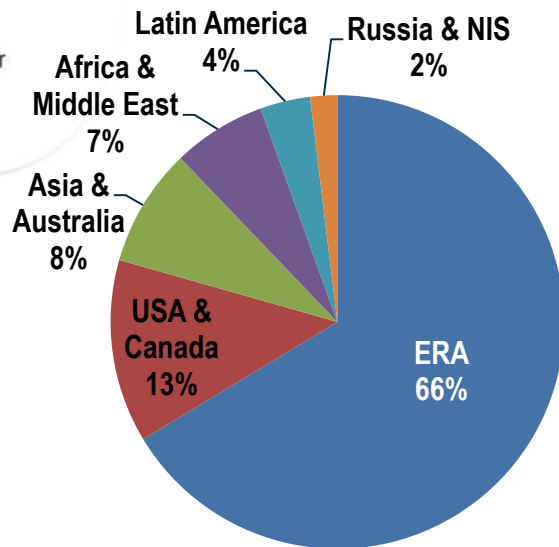
Data SCI Expanded --CPCI-S (Thomson Reuters) – processed by CNRS SAP2S & INIST

62 000 MISSIONS OF CNRS RESEARCHERS IN THE WORLD IN 2014

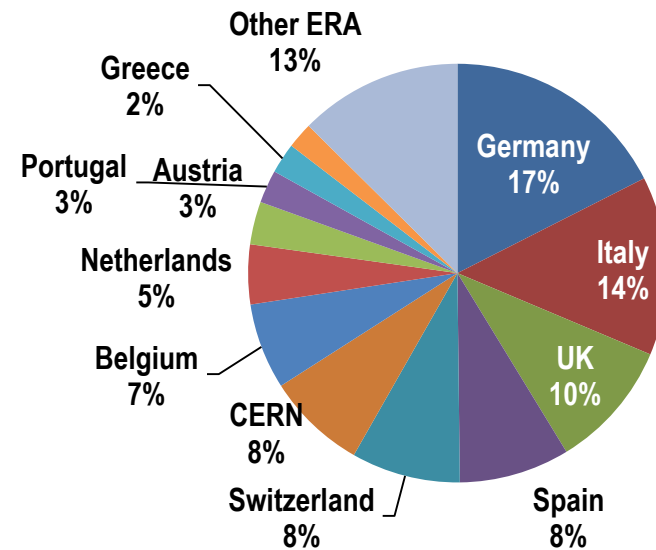


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Breakdown by geographic area

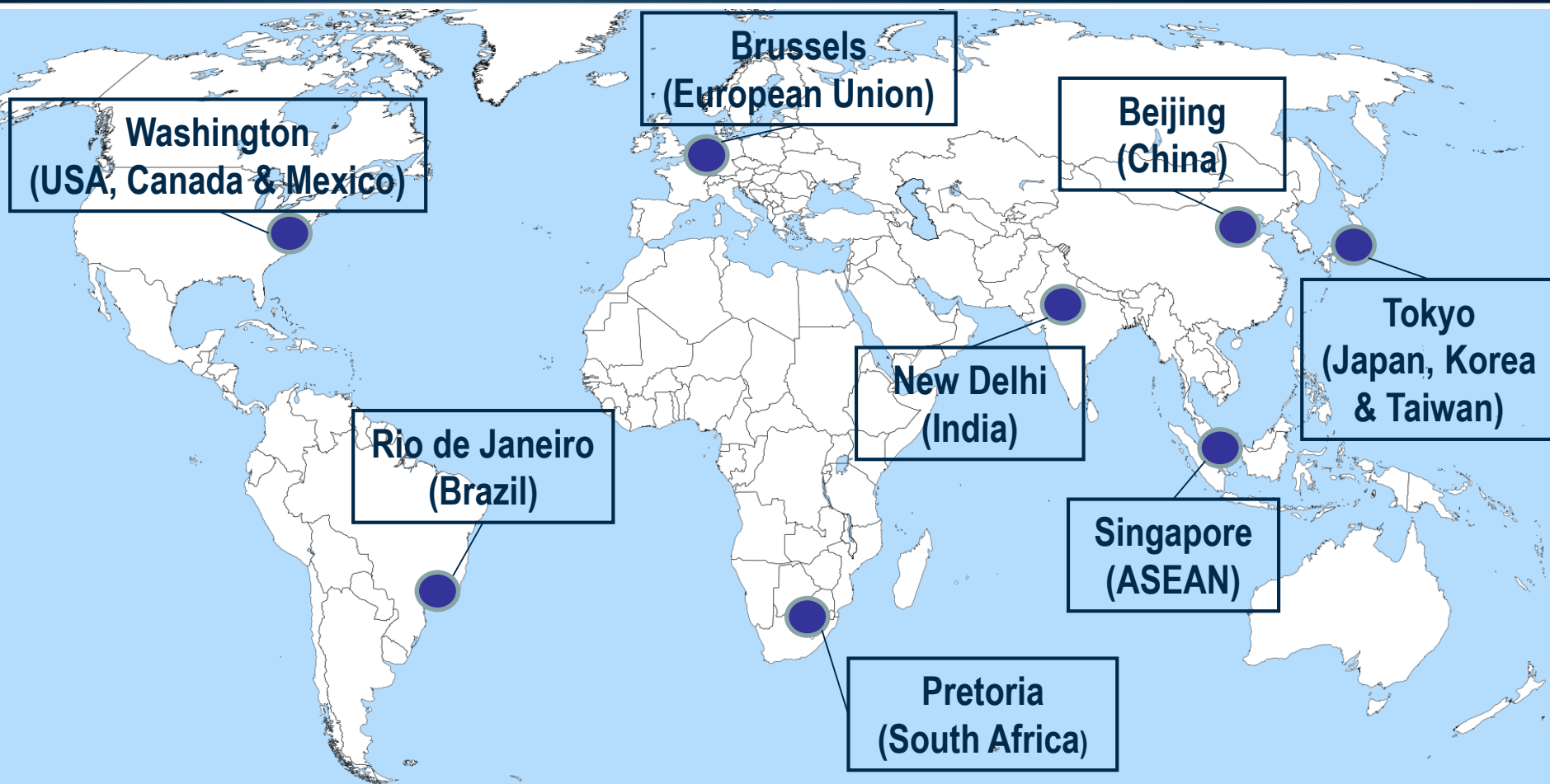


European research area (ERA)



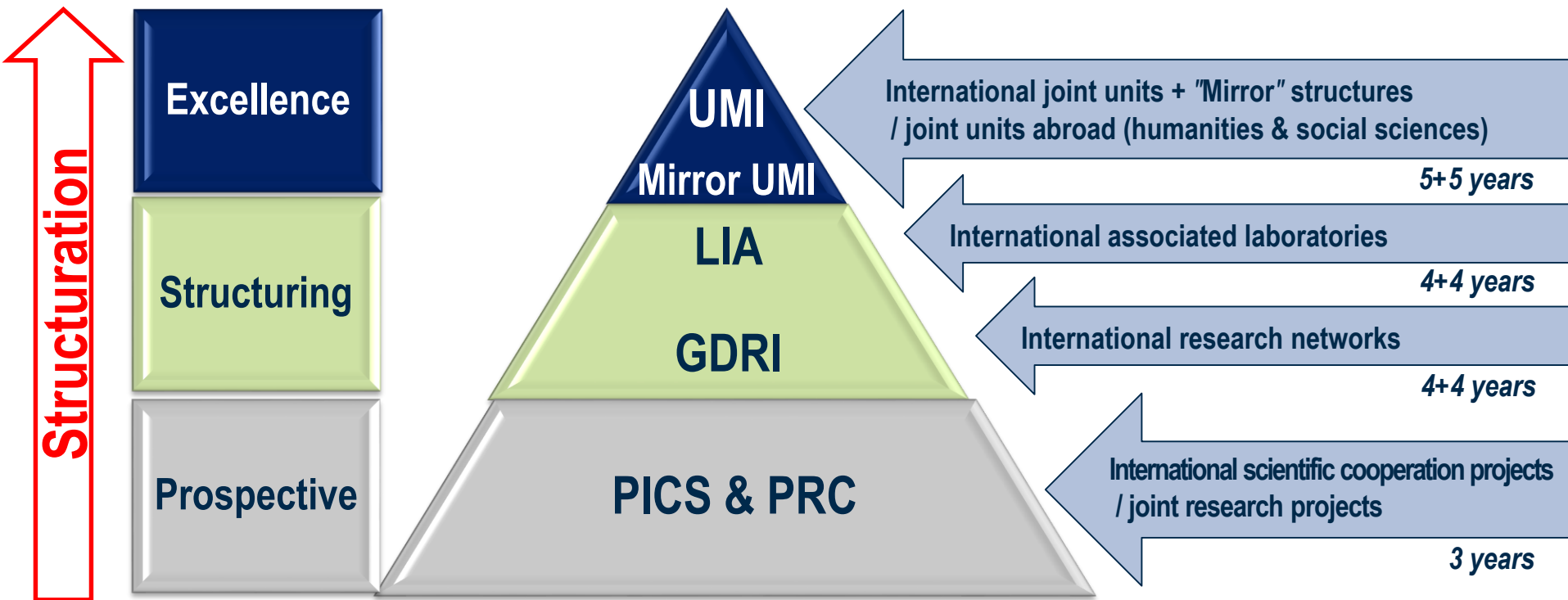


CNRS OFFICES ABROAD



CNRS INTERNATIONAL COOPERATION

The CNRS plays a key role in global structuration & has developed a range of cooperative tools functioning on a competitive basis





A STRONG INTERNATIONAL PRESENCE

Through an active partnership and cooperation policy with other European and international research organizations, the CNRS:

- | Contributes to promoting French research worldwide through **35** International Joint Units (UMI), **22** research centers in the humanities and social sciences outside France and **8** offices abroad
- | Is involved in **172** International Associated Laboratories (LIA) and **101** International Research Networks (GDRI)
- | Participates in **392** International Programs for Scientific Cooperation (PICS)



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Thank you for your attention

