



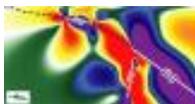
www.cnrs.fr

G8 Working Group Science of Science Policy Meeting

**French update
CNRS**

Arlington, 3-4 Nov 2008

What is CNRS ?



- **The Centre National de la Recherche Scientifique** (National Centre for Scientific Research) is a government-funded research organisation, under the administrative authority of France's Ministry of research.

The CNRS carries out research and leads it to the benefits for the society

D1

- **People :**
 - **30 000 staff :**
 - **non permanent (3 900) ;**
 - **permanent (26 100) :** 11 700 scientists, 14 400 engineers and technical staff



- **Budget 2007**
€3 080 million : 81,6% from direct State subsidy

Source : Dir Com 2007

Salaries represent more than 65 % of the expenditures in 2007

Source : IPAM

D1

Verifier langue

DEPUN04, 10/05/2008

- **More than 1 250** research and service units (90% are joint laboratories with Higher Education, national or european or international Institutes, private companies).
- **2 649 principal patents**, 9 804 with extensions, 1 057 active licences and 2 100 industrial contracts open with companies.
- **246 innovating companies** have been created since 1999.



Source : Dir Com 2007

➤ **Six research Departments :**

- (MPPU) - *Mathematics, Physics, Earth Sciences and Astronomy*
- (Chimie) - *Chemistry*
- (SDV) - *Life Sciences*
- (SHS) - *Humanities and Social Sciences*
- (EDD) - *Environmental Sciences and Sustainable Development*
- (ST2I) - *Information and Engineering Sciences and Technologies*



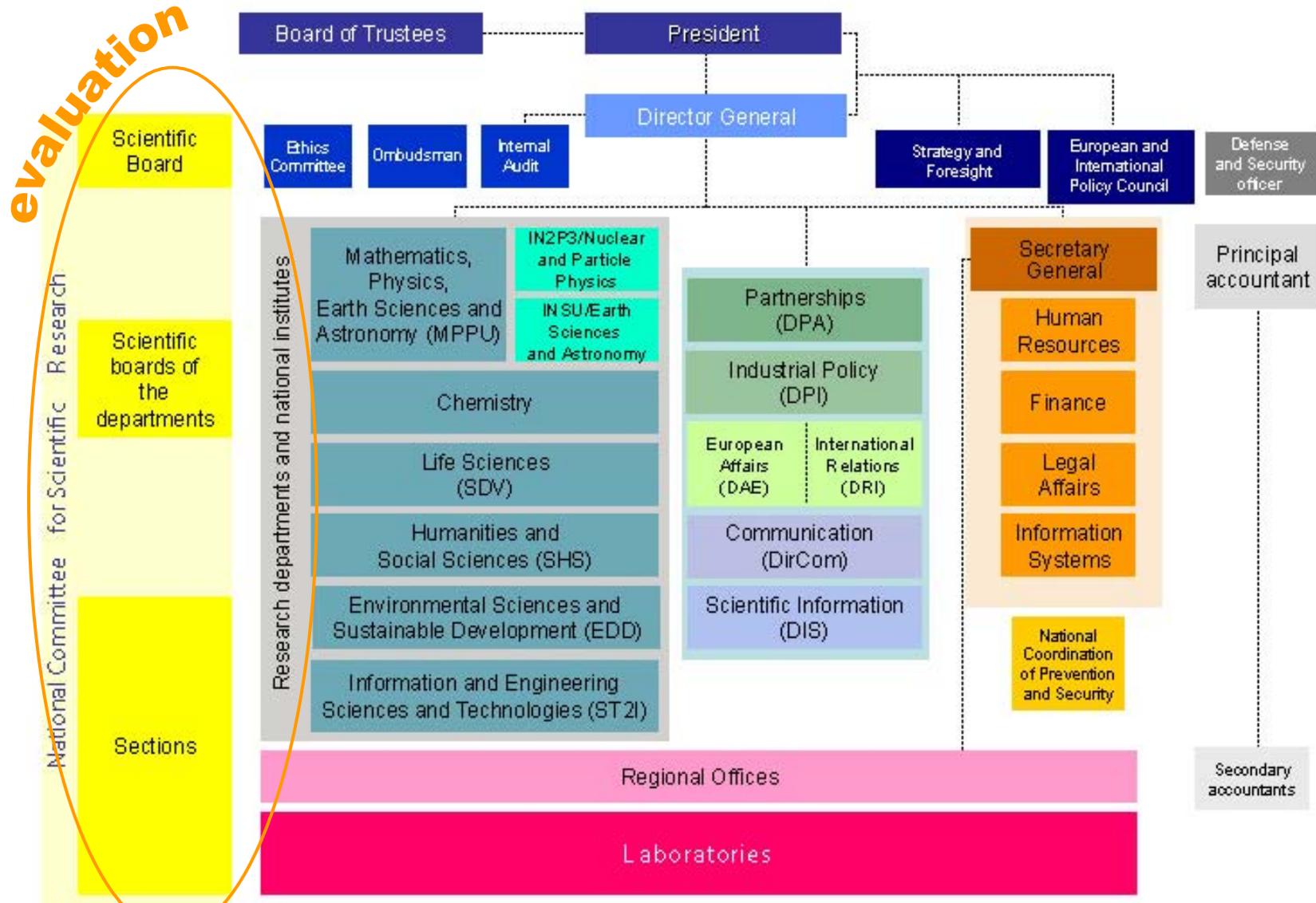
➤ **Two national Institutes :**

- (IN2P3) - *National Institute of Nuclear and Particle Physics*
- (INSU) - *National Institute of Earth Sciences and Astronomy*

➤ **One institute dedicated to communication :**

- (ISCC) – *CNRS Institute in Communication Sciences*

Organizational chart of the CNRS



- To enhance the knowledge areas and to develop an interdisciplinary fundamental research
- To contribute to the application and promotion of fundamental research results and to participate to the economic development
- To support the communication of the advanced knowledge among the education area as well as public understanding

Scientific key subjects of the Strategic Plan

The origins of planets and living systems

The Earth : usage, crisis, society

Energy

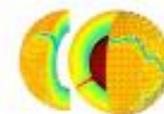
Nanosciences, nanotechnologies

Information, image, communication

Neurone, brain, consciousness and sociability



The evolving context of CNRS



The new reporting environment – towards performance evaluation

- New law : LOLF - organic law relative to the finance laws (management of the public expenses)
- A three year budget instead of a yearly budget
- Different reporting : LOLF indicators ; outputs frameworks
- Growing importance of contractual relationships and networks

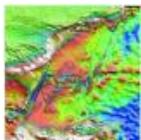


New CNRS strategic plan / delivery plan process

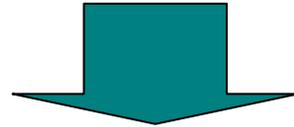
- Towards a new balance between programmes or projects funding and institutional funding
- New context with partners (autonomous Universities, RTRA, PRES, Carnot, ...)



A new organisation of CNRS is under construction

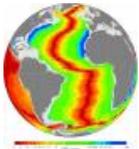


The CNRS strategic plan « CNRS 2020 » : validated in June 2008

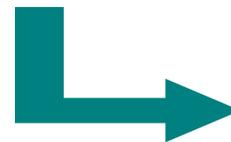


Transitional period for organization :

Towards nine institutes ?



On going process to build up the COM
State-CNRS contract 2009-2013



More legibility

COM – Objectives and resources agreement

The performance process



Document : *Stratégie 2020 du CNRS*

Stratégie

Document : *Contrat d'objectifs et de moyens 2009-2013*

Goals

Actions over 5 years

Resources

The goals are operational objectives that are fixed for the 5 year delivery plan ; actions are the way to reach the aim and contains evidence

Indicators

- Pertinent et significant
- Useful
- Strong
- Auditable

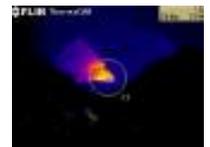
- Qualitative
- Quantitative

Follow-up

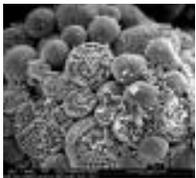
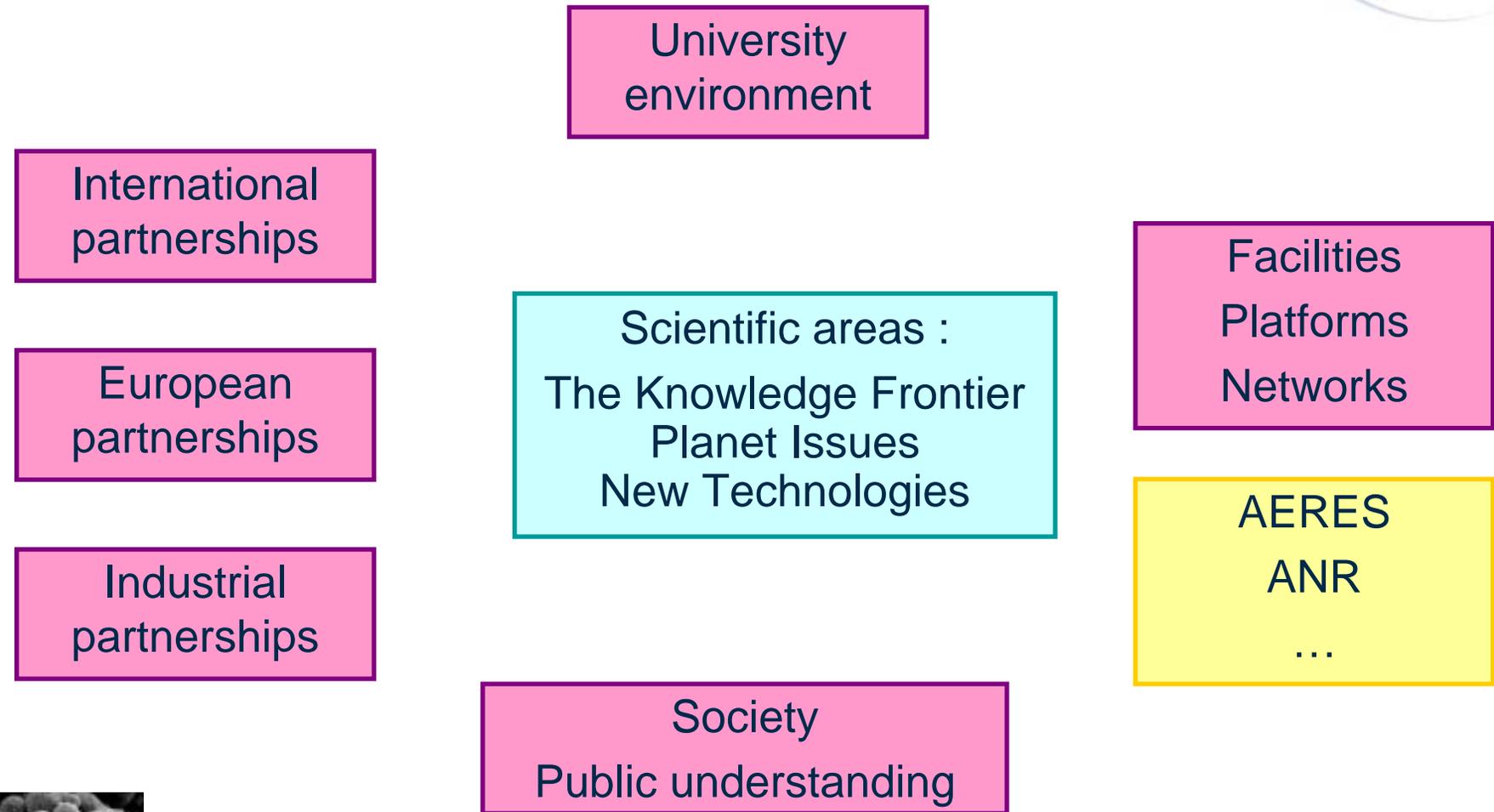
Milestones and deliveries

In progress

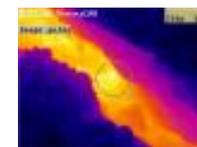
To be done



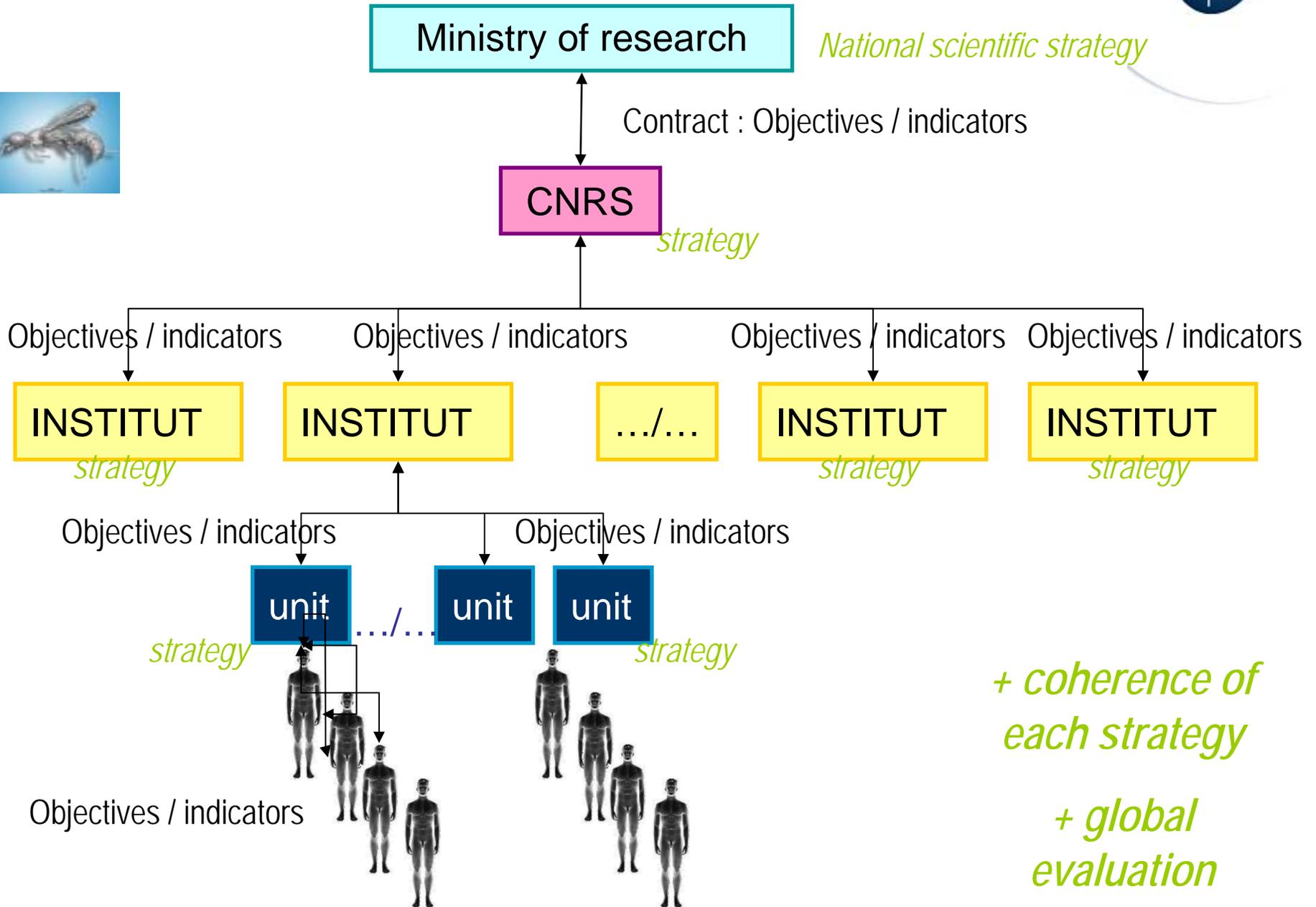
The new focus questions



The emerging questions



The multiple stages of contracts



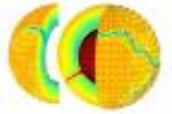
The performance follow up - questions



Who does the follow up ? Internal ? – external? – audit ? Peer review vs performance review

How many indicators (granularity) ? Long term results / short term fundings

Quality management ? Space for creativity ? Risky and blue sky research?



- Management of strategy
- Management of programmes (disciplinary and interdisciplinary programmes)
- Management of projects
- Management of human resources : assessment of researchers **and** engineers **and** administrative people

New information system to collect the indicators (+ national common data bases ?)

New methodology

- To describe the tasks, conditions and instruments of strategic planning and to assign them to the different parts of the organisation
- To collect proofs of scientific results linked to the objectives
- To collect proofs of administrative performance

- How to support of the ongoing CNRS monitoring and evaluation work ?
- How to provide appropriate and timely quantitative and qualitative information for assessing outcomes and impacts of interventions ?
- How to manage specific indicators for each institute ? Global coherence ?
- How to contribute to the future strategy and policy development of CNRS ?



Thank you for your attention !

