



**METODIKA**

## Hodnocení výzkumných organizací a jednotek ve Francii

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evropský  
sociální  
fond v ČR



EVROPSKÁ UNIE



MINISTERSTVO ŠKOLSTVÍ,  
MLÁDEŽE A TĚLOVÝCHOVY



OP Vzdělávání  
pro konkurenceschopnost

INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ

# What organizations are conducting public research activities?

## Higher education institutions

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## Research performing organizations

### ● Universities (83)

- Bologna system (3+2+3)
- no entrance examinations
- housing most public research laboratories
- ~ 66 000 PhD students

### ● «Grandes écoles» (~230)

- after «classes préparatoires» (2+3)
- highly selective
- limited research effort
- ~ 3200 PhD students

### ● Public S&T Organizations (9)

#### **CNRS - multidisciplinary**

INRA - agronomy

INSERM - health

INRIA – informatics

### ● Public I&C Organizations (15)

#### **CEA – nuclear**

CNES – space

INFREMER – sea

BRGM - mining/geol.

### ● Nonprofit institutions

Pasteur Inst. - health

## Specificity of the French system:

- strong interaction and interconnection between higher education institutions and research perf. org.
- focus on flexible **joint research units** rather than on big «one organization » institutes
- research units established for a **4/5 years period** („contract“) **renewable after evaluation**

# Evaluating research and higher education in France

*Agence d'évaluation de la recherche et de l'enseignement supérieur (AERES)*

established working in 2006, transformed in 2014

*Haut conseil d'évaluation de la recherche et de l'enseignement sup. (HCERES)*



## Tasks:

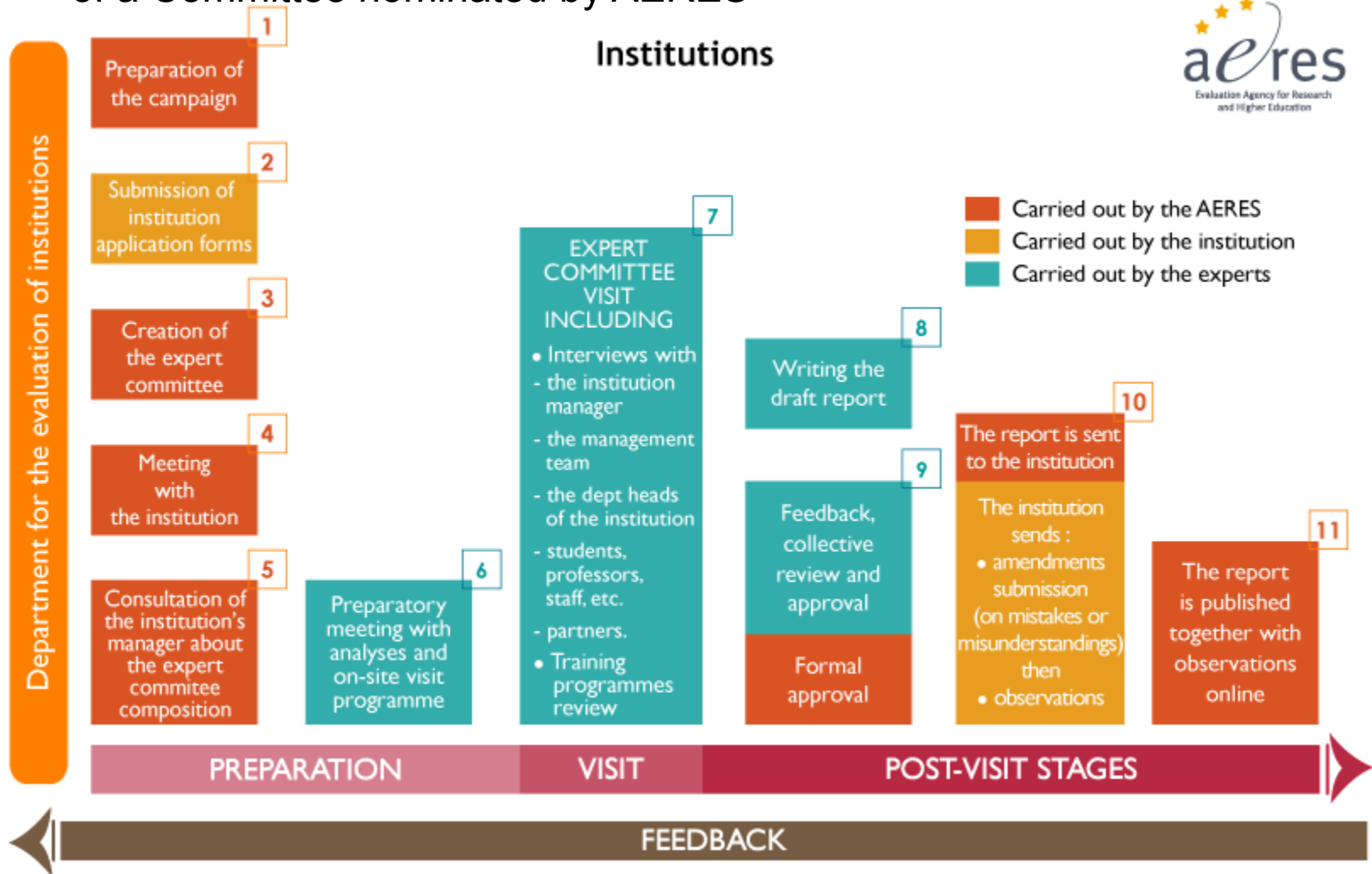
- evaluation of institutions (universities and research organizations)
- evaluation of research units (laboratories), **modifications starting 2015 !**
- assessment of internal evaluation procedures
- evaluation of university programmes and diplomas

## Composition :

- President (scientist)
- 25 / 30 board members (most are scientists, 4 years assignments)
- three departments (institutions, units, programmes and degrees)
- staff of 100 scientific delegates (part time) and 70 administrative staff (full time)
- 3500 experts called to evaluation committees per year (20% from abroad)
- annual budget of 15 M€ (2014)

# Evaluation of institutions (research organizations or universities) by AERES (analogous for reserch units)

Autoevaluation integrated to external evaluation with a visit on site of a Committee nominated by AERES



# Evaluation of research units by AERES (1)

The analysis is based on **six evaluation criteria**:

- scientific production and its quality;
- academic reputation and appeal
- interactions with the social, economic and cultural environment;
- organization and life of the unit;
- involvement in training through research;
- strategy and scientific perspectives for the next contract.

For guiding evaluators for each criterion are defined: **field covered, observable facts, quality indicators**

These criteria were graded on a four-tier scale: A+, A, B and C, replaced recently by an evaluative wording

- A+** Unité de très haut niveau, sa visibilité internationale est incontestable, son impact majeur.
- A** Unité de haute qualité à la production remarquable et constituant un élément important du paysage français de la recherche.
- B** Bonne unité mais qui doit améliorer sa qualité dans les domaines précisés par la note multicritérisée et détaillés dans le rapport.
- C** Unité qui doit améliorer sa qualité de manière importante pour accéder au niveau d'excellence attendu. Des changements majeurs sont attendus dans un ou plusieurs domaines précisés dans le rapport.

## Evaluation of research units by AERES (2)

- The most important criterion is the **quality of scientific production**

Main quantitative indicators examined for each researcher or university teacher for a period of the last 5 years: number of publications visible in WoS and Scopus, impact factor of journals, number of citations (without autocitations), H factor

**Recently less weight put to these quantitative indicators !**

- Modified procedure defined for multi, inter and trans disciplinary units

- Particularities in evaluation of research units in social and human sciences

Definition of minimum criteria for “personnels producing R&D results” (4 years)

*Article in a reviewed journal, monograph chapter, data base / software, int. patent*

	Researchers	Univ. teachers
Mathematics	2	2
Physics, chemistry, earth&space sciences	4	2
Engineering sciences	3	2
Life sciences	4	2
SHS	4	2

## **Evaluation of university personnels and CNRS researchers**

Remote evaluation performed by national instances, never by direct hierarchy

Evaluation criteria for social sciences and humanities differ from exact and natural sciences

Evaluation will be newly supervised by HCERES

### **University teachers “enseignants-chercheurs”**

*Evaluating body* – Specialty sections (87) of the National University Council

No periodic evaluation by now (might change in future)

Evaluation when asking promotion inside the corps or changing corps only

### **CNRS researchers**

*Evaluating body* – Specialty sections (44) of the National Committee attached to CNRS

Periodic evaluation, each 4 years major report submitted, light report at mid term

In addition evaluation when asking promotion inside the corps or changing corps

# Hlavní odlišnosti francouzského přístupu k evaluaci od principů Metodiky



Evaluaci zajišťuje robustní organizace hrající i roli akreditační komise

Absence hlavních a oborových panelů a hodnocení vybraných výstupů

Hodnotící výbory jsou definovány specificky pro jednu evaluaci

Hodnotící výbory pro VO a její VJ mají překryv ale nejsou totožné

Výzkumná jednotka musí být totožná s organizační jednotkou

U větších jednotek jsou evaluaované jednotlivé týmy

Větší důraz na prezentaci *i)* vědecké politiky a činnosti *ii)* strategie pro příští kontrakt

Evaluační proces VO a VJ organizován chronologicky v pěti vlnách podle geografických oblastí Francie

Absence „známkování“, nově nahrazeno narativem

Výsledek evaluace má značný vliv na tvorbu nových míst

Důsledky evaluace mohou být dalekosáhlé (restrukturační či rozpuštění VJ)



# METODIKA



**Děkuji Vám za pozornost**

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