3rd Funding forum
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« Reshaping the French Higher Education Funding system to improve its efficiency ? »

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ET DE LA RECHERCHE

The French higher education and research systems : a double dichotomy

Higher Education Institutions : Universities vs Schools

2 551 100 students

73 public universities (63% of students)

- **Professionally oriented degrees, research oriented degrees**
- **Doctoral education and award of the PhD degree**

34 engeneering schools

- **65.000 students**

40 other HEI I, the field of the ministry

- **93.000 students**

The French higher education and research systems : a double dichotomy

Public Research System : Universities vs Organisms

73 public universities

11 State Sectorial Research Institutes

CNRS, INSERM, INRA, CEA…

The French higher education and research systems : a double dichotomy

Public expenditure

170.000 staff in 2016 for HE
+ 73.000 dedicated only for research

+ 5 000 jobs from 2013 to 2017

The Nation has spent € 26 billion on HE in 2015
The budget for 2016 provides for € 26,2 billion
In 2014, average expenditure per student : € 11.560

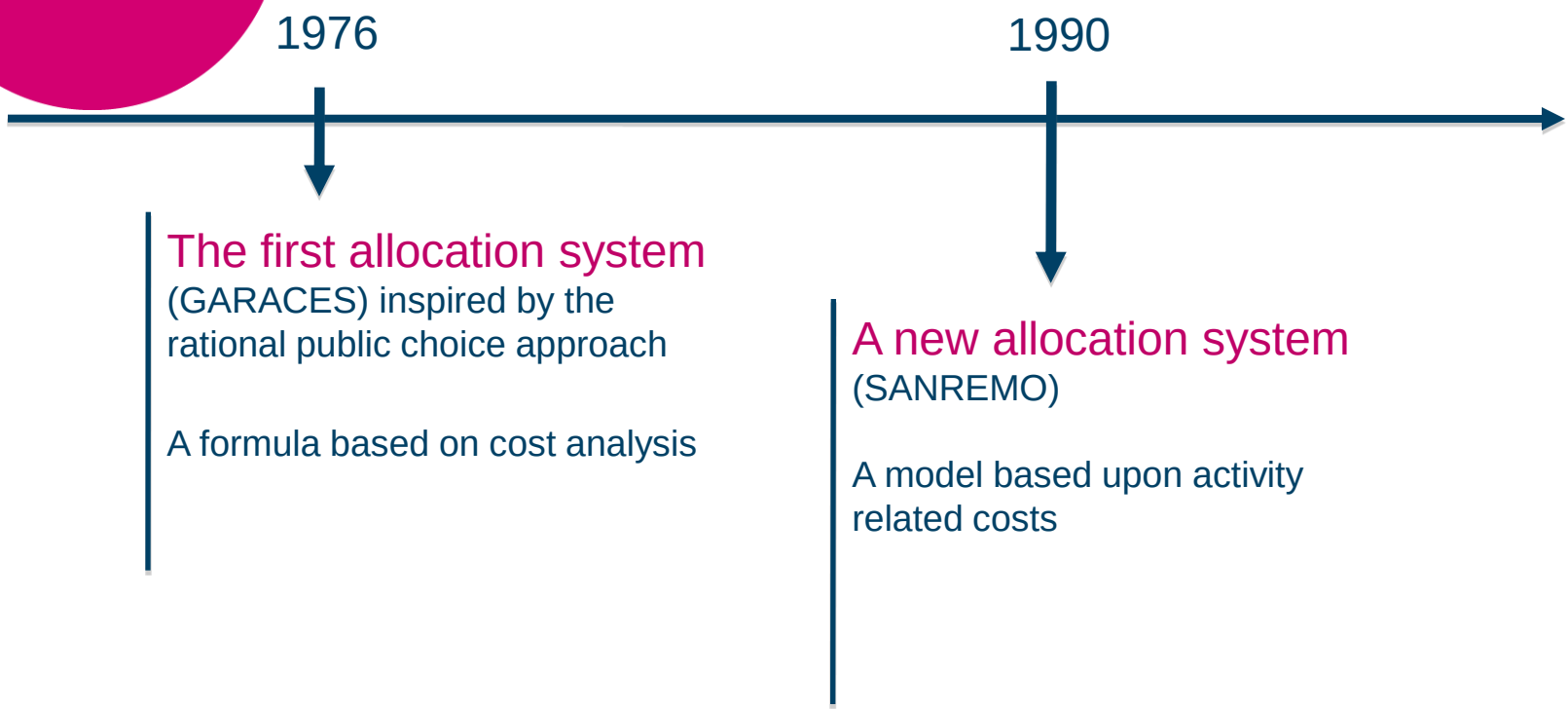
1

France has moved toward a performance and excellence oriented funding system

Toward an excellence oriented funding system

1

…major milestones :



Toward an excellence oriented funding system

…major milestones :

2005

Creation of the
National research agency

➔10.000 projects funded in 2012

2007

A new law about
university autonomy
(university responsability and liberty)

➔ 103 HEI gradually became autonomous until 2012
➔ € 9 billion transferred
➔ Campus operation

Toward an excellence oriented funding system

…major milestones :

2009

A new allocation model
(SYMPA)

A formula based on activity and performance
€ 2 billion involved

2010

1st Excellence scheme

€ 35 billion including € 22 billion for research and learning

Toward an excellence oriented funding system

…major milestones :

2013

A new law about higher education and research

➔ More autonomy in developping training courses

➔ creation of clusters linked to regions (COMUE)

2014

2nd Excellence scheme

€ 12 billion including € 5 billion for research and innovation

Toward an excellence oriented funding system

…major milestones :

A new allocation system and new performance contract design for engineering schools (MODAL)

New indicators, new perspectives
€ 0,8 billion involved (payrolls)

3rd Excellence scheme

€ 10 billion including € 5,9 billion for teaching, research and innovation

2

Performance based-funding : the 2015 new model for engineering schools

2 Performance based-funding

Research institutions
salaries and running costs

€ 7,1 billion
73.000 employees

For instance :

cnrs Inserm INRA SCIENCE & IMPACT

HEI
salaries of teachers and researchers and running costs

€ 12 billion paid by autonomous HEI
164.000 employees

86% salaries
12% running costs
2% real estate

HEI : € 0,5 billion salaries paid by the State
7000 employees

State-region contracts (CPER)
Real estate investments

€ 3,5 billion financed by regions
(on 6 years : 2015-2020)

1st Excellence scheme

€ 22 billion

2nd Excellence scheme, in 2014
€ 5 billion

3rd Excellence scheme, in 2016
€ 5,9 billion

ANR
National research agency : funding body
€ 0,6 billion

Others programms (military, industry, culture..):
€ 2,9 billion
13.350 employees

Scholarships
€ 2,5 billion

26 billion
270.000 employees
Voted by Parliament

opération CAMPUS
Campus
Real estate investments

€ 5 billion

2 Performance based-funding

In 2009, the new allocation formula, called « SYMPA » :

- it introduces funding on performance

- it covers both higher education and research

- it calculates theoretical endowment for all universities, leading to benchmark : some are « overfunded » and others « underfunded » relative to each other

But SYMPA is only dedicated to functionning funding : € 2 billion

2 Performance based-funding

It covers both higher education and research, activity and performance (€ 2 billion) :

	Education	Research	Total
Activity	60 %	20 %	80 %
Performance	5 %	15 %	20 %
Total	65 %	35 %	100 %

For instance :
- «Weighted number of students who really sit for an exam » / activity
- « added-value of diploma » / performance

2 Performance based-funding

It covers both higher education and research, activity and performance (€ 2 billion) :

	Education	Research	Total
Activity	60 %	20 %	80 %
Performance	5 %	15 %	20 %
Total	65 %	35 %	100 %

For instance :
- « weighted number of producing researchers » / activity
- « weighted by the mark given to the laboratories » (from A+ to C) /performance

2 Performance based-funding

➔ Strengths

More structured relationship with the institutions
On the basis of transparent criteria
The performance criteria have had positive effects : example of increasing share of faculty producing
Strong differentiation in funding distribution (flux) : average increase of funding per HEI between 5 to 50 %

➔ Weaknesses

Insufficient consideration of singularities of the universities?
SYMPA doesn't include payroll credit

2 Performance based-funding

2015 : a performance based funding renewed

Steering committee with stakeholders

<u>The aims :</u>

- a still performance-based model
- a clear and efficient allocation system
- consistent with the new HE panorama

The new model entered into force on january 2015 but only for engineering schools (the model wasn't accepted by stakeholders for universities) : 800 million, 6% of the funds for HE

Conclusion

A funding mix consistent with national objectives