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SUPÉRIEUR  
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**FRANCE – ROMANIA**

**Scientific impact of the PHC BRANCUSI  
(2005-2019)**

**MESR-DAEI / MEAE**

**2024**

<http://www.enseignementsup-recherche.gouv.fr>

# GENERAL PRESENTATION OF THE PROGRAM

**Creation : 2002**

**The purpose of this program** is to develop excellence scientific and technological exchanges between French and Romanian laboratories, by promoting new scientific collaborations and integrating in the projects young researchers and PhD students.

**Total budget (France + Romania) : around 135 000 € / year**

>> including budget from the French part : around 67 500 €/year

>> including budget from the Romanian part : around 67 500 €/year

Average budget per project Research Program (France) : around 2 500 €/year

Average budget per project Research Program (France + Romania) : around 5 000 €/year

**Number of new funded projects per year : around 24**

**From 2005-2019 :**  
**644 applications submitted**  
**206 projects funded**

## Campus France (2005-2019)

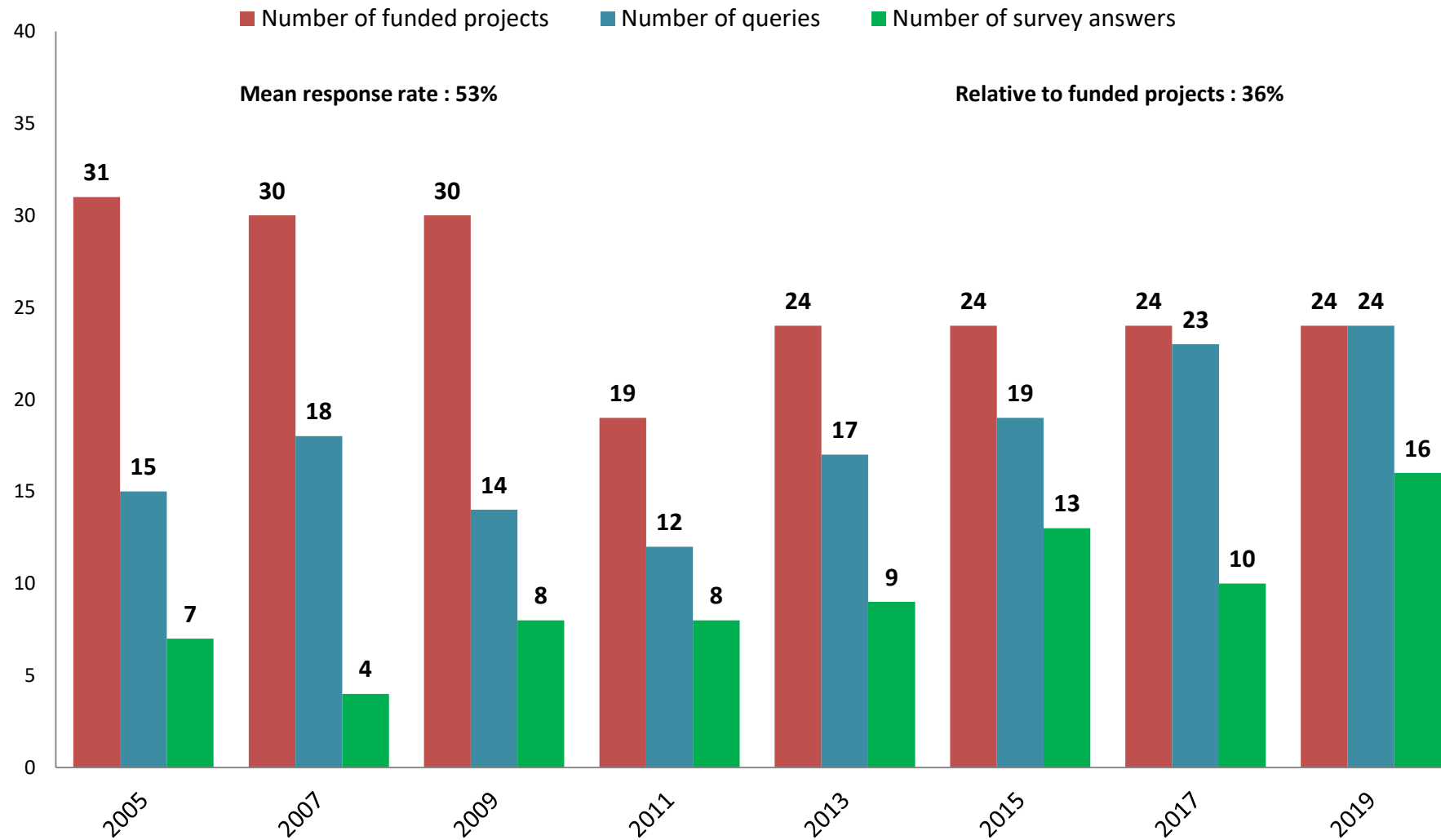
- Information about the PHC BRANCUSI applications

## Survey (2005-2019)

- Target : French Principal Investigators of selected projects between 2005 and 2019
- French survey duration : from October 9th to November 20th 2023  
**53%** response ratio (75 respondents for 142 queries)

# ANSWERS TO THE SURVEY

Average response rate to the survey : **53 % (75 answers)**



206 funded projects between 2005 and 2019, 142 valid email addresses



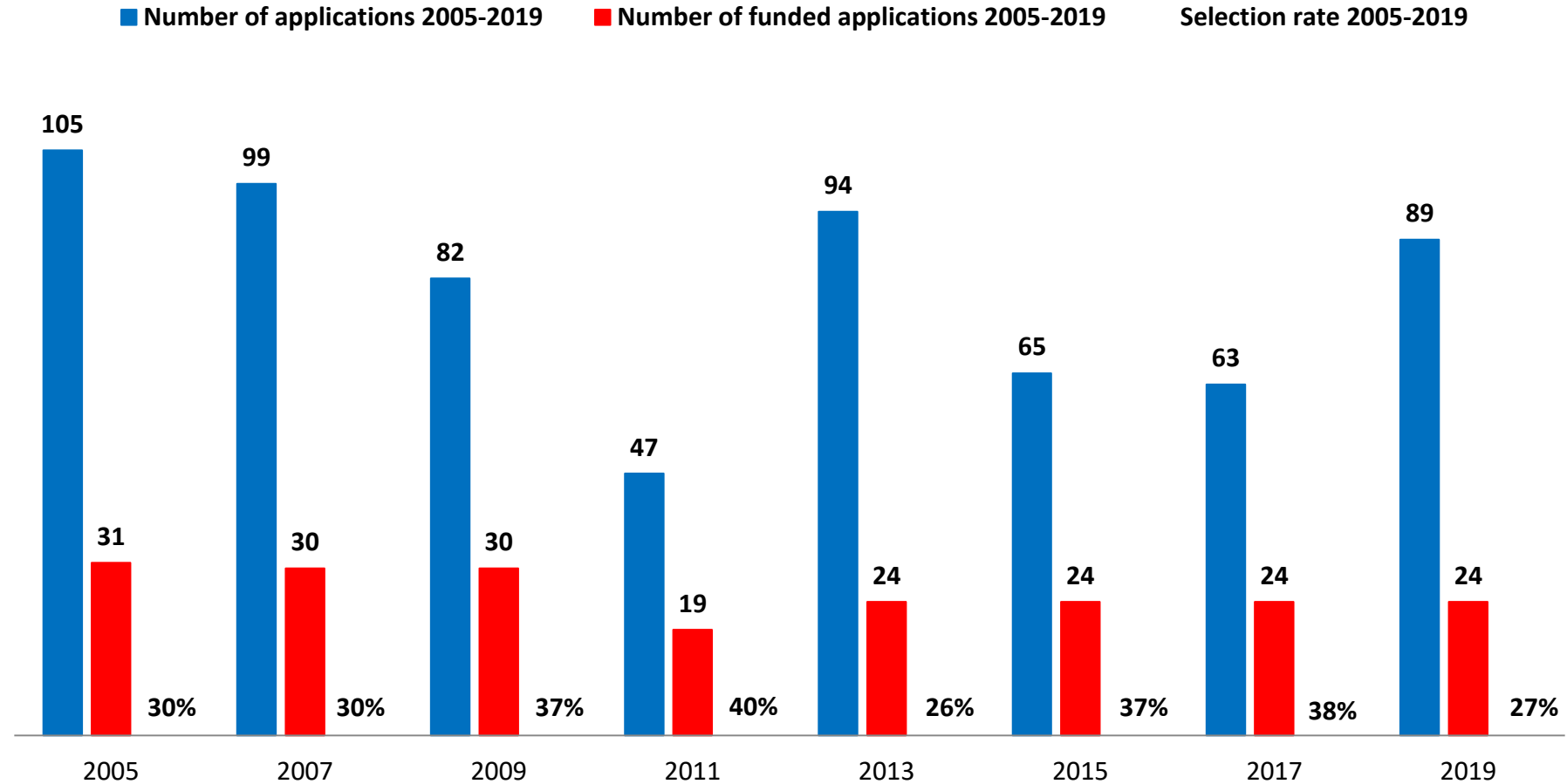
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# 2005-2019 Key Points

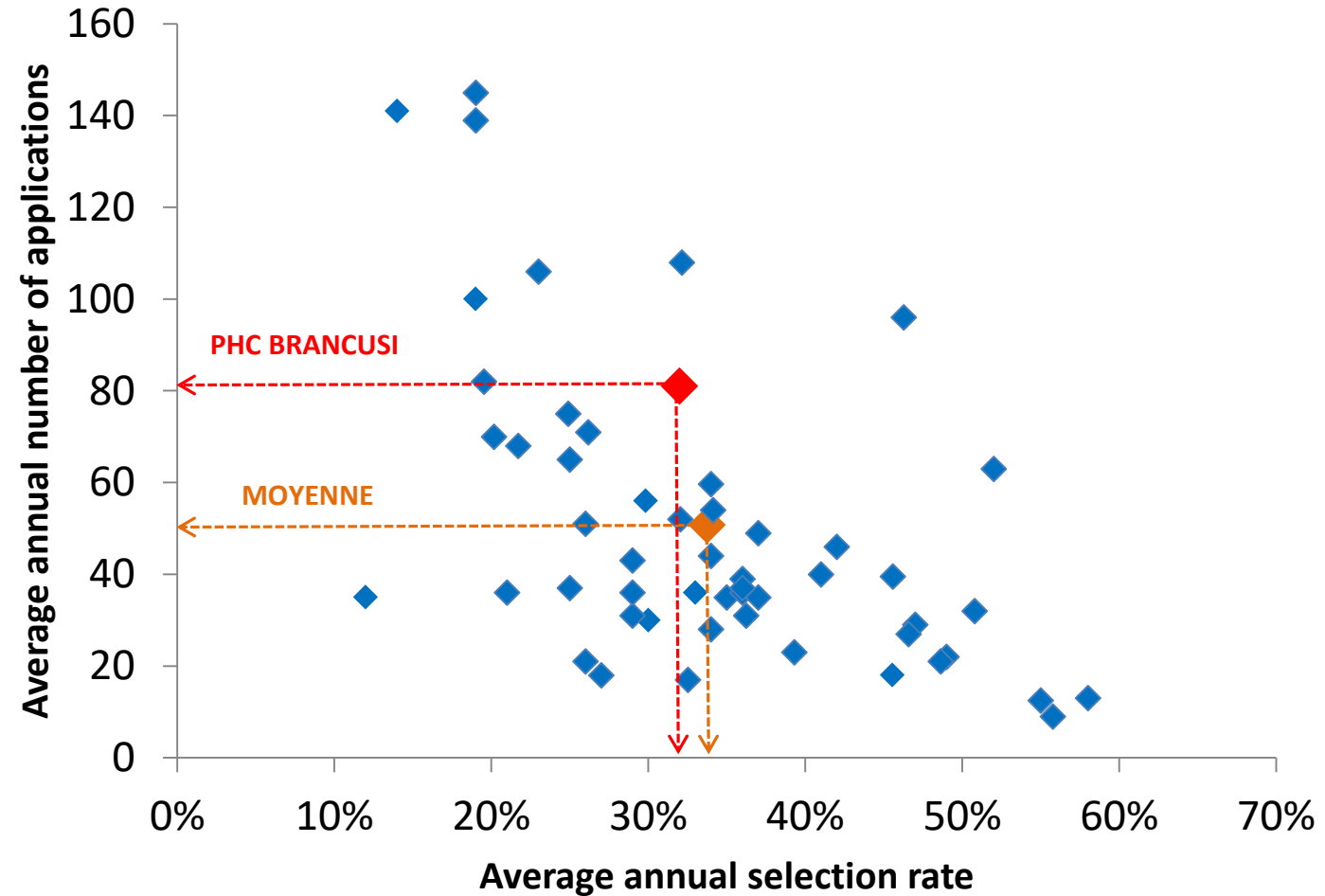
# NUMBER OF APPLICATIONS AND SELECTION RATE

Average selection rate from 2005-2019: **32%**



# NUMBER OF APPLICATIONS VS SELECTION RATE

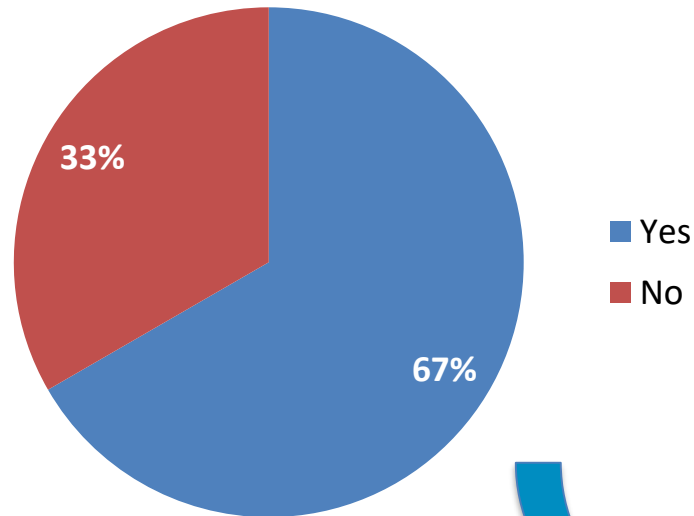
## (COMPARISON BETWEEN 53 DIFFERENT BILATERAL PROGRAMS)



**Average annual selection rate for 2017-2023 : 32% vs 34% mean**  
**Average annual number of applications 2017-2023 : 81 vs 51 mean**

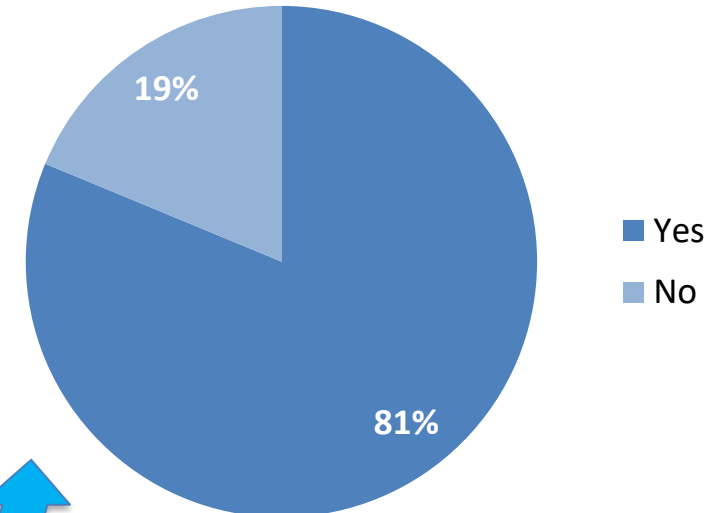
# BEFORE THE BRANCUSI PROJECT (1/3)

**Did you already cooperate with Romania in the past ?**



Data from 75 responses

**If yes, was it with the same partner?**



Data from 48 responses



## BEFORE THE BRANCUSI PROJECT (2/3)

With which scientific collaboration program ?	
PHC BRANCUSI	37%
French Government Grant	6%
Private sector funding	4%
Co-funding with Romanian institutions	2%
French National Research Agency (ANR)	2%
Horizon 2020	2%
CNRS International Emerging Action	2%
Other	46%

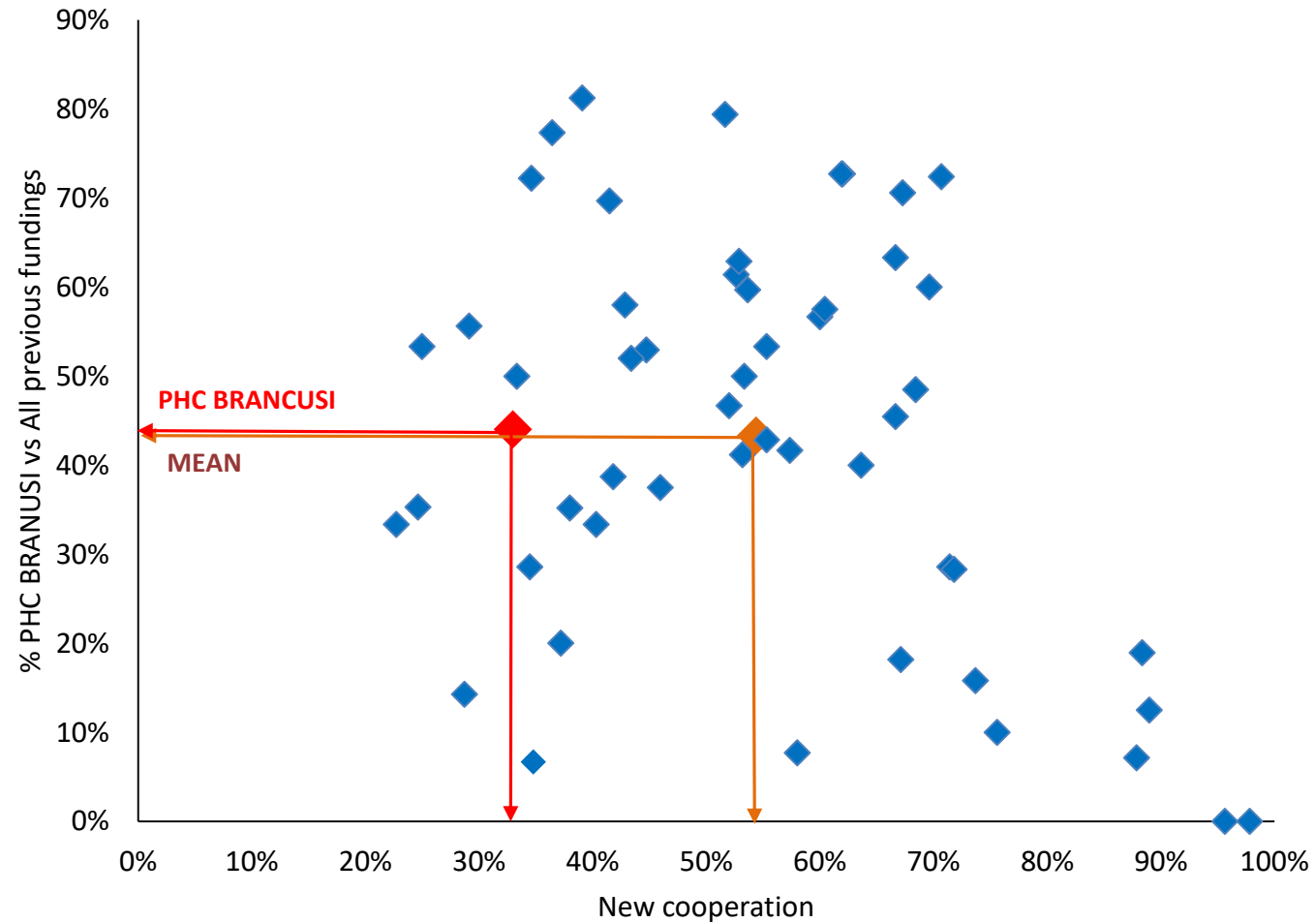
Other programs such as ECONET, ERASMUS, Pasteur Institute funding...

**Plus 88 previous cooperations based on other exchanges (scientific coproduction, meetings, joint PhD...)**

**Data from 45 responses**

# BEFORE THE BRANCUSI PROJECT (3/3)

## (COMPARISON BETWEEN 53 DIFFERENT BILATERAL PROGRAMS)

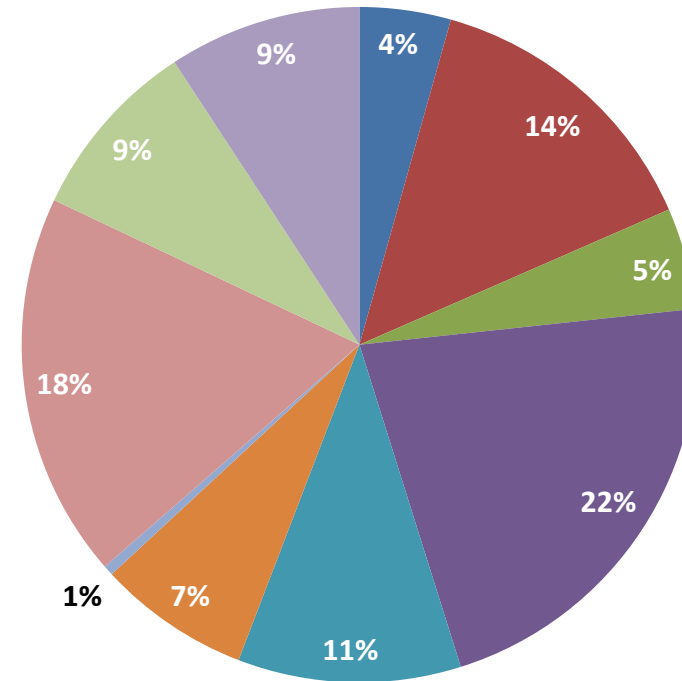
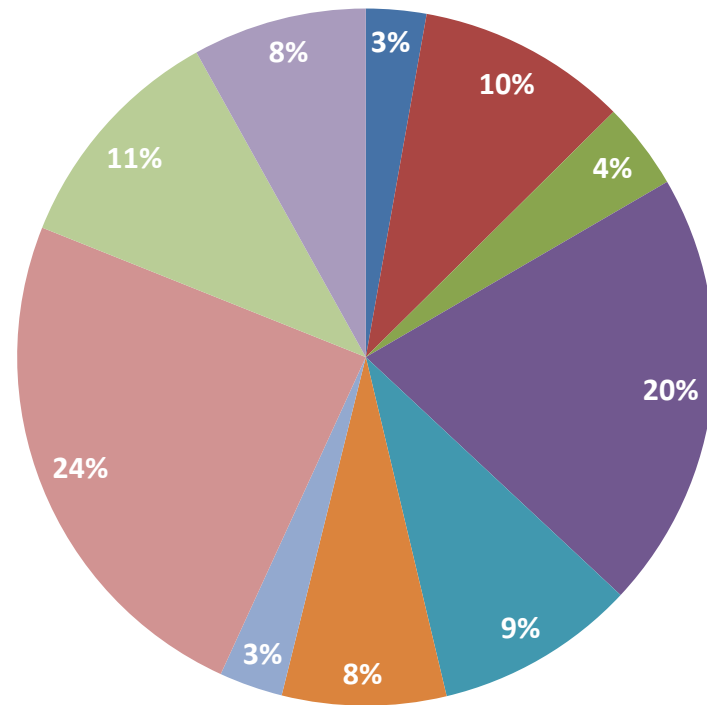


**This project is a new cooperation for 33% of laureates**  
**For 44% of laureates with previous cooperation with Romania (67% of laureates), the previous funding comes from PHC BRANCUSI**

# SCIENTIFIC DOMAINS OF PROJECTS (2005-2019)

Number of applications : **644**

Number of funded projects : **206**

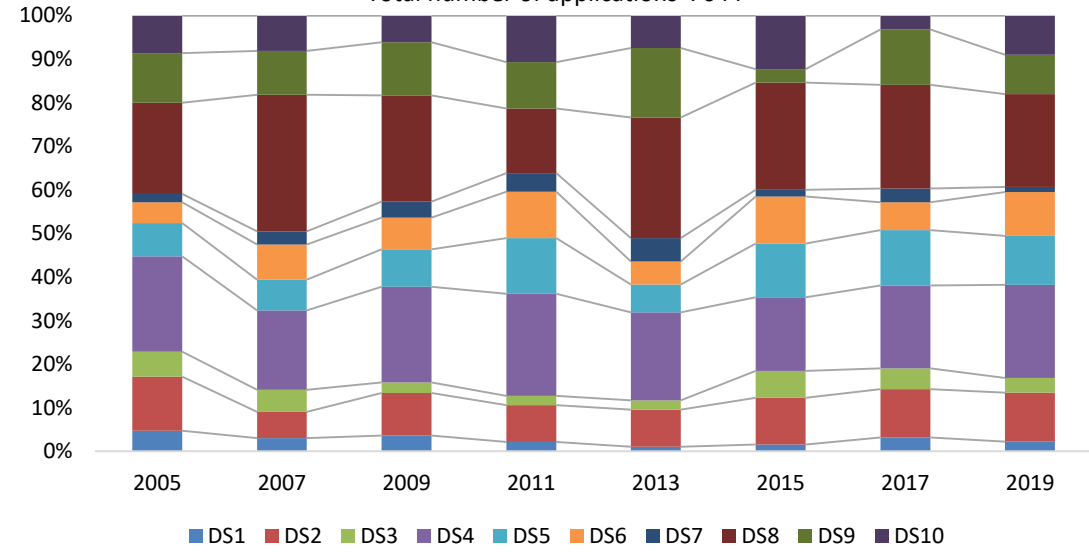


- |   |   |
|---|---|
| <span style="color: #1f4e79;">■</span> Mathematics                  | <span style="color: #a52a2a;">■</span> Physics              |
| <span style="color: #70ad47;">■</span> Marine/Earth/Planet Sciences | <span style="color: #483d8b;">■</span> Chemistry            |
| <span style="color: #008080;">■</span> Biology and Health           | <span style="color: #d2691e;">■</span> Humanities           |
| <span style="color: #6495ed;">■</span> Social Sciences              | <span style="color: #c08080;">■</span> Engineering Sciences |
| <span style="color: #90ee90;">■</span> Information Technology       | <span style="color: #9370db;">■</span> Agronomy/Ecology     |

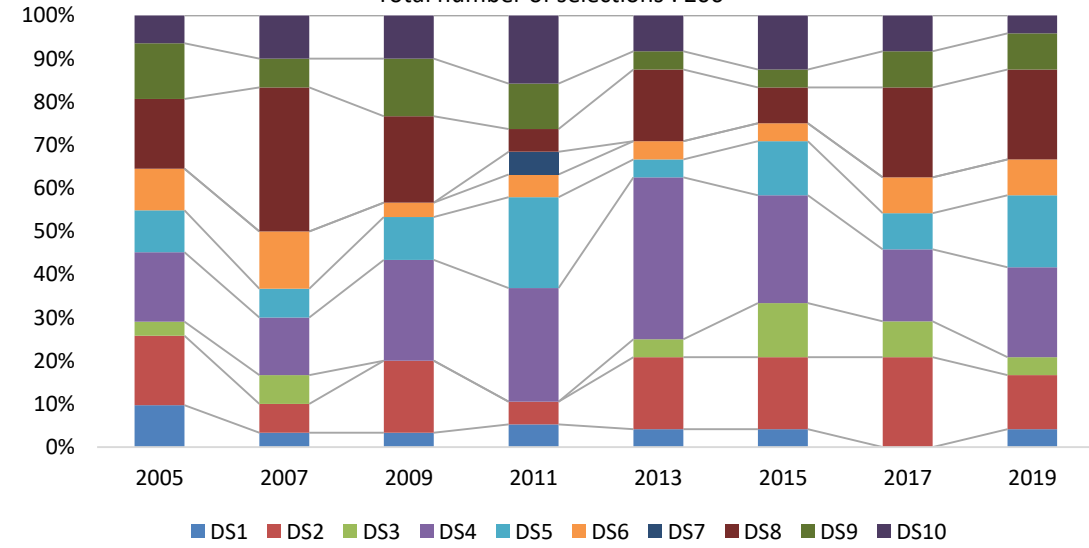
# SCIENTIFIC DOMAINS : EVOLUTION 2005-2019

- DS1 : Mathematics
- DS2 : Physics
- DS3 : Marine, Earth, Planet sciences
- DS4 : Chemistry
- DS5 : Biology and Health
- DS6 : Humanities
- DS7 : Social sciences
- DS8 : Engineering sciences
- DS9 : Information technology
- DS10 : Agronomy/Ecology

**Percentage of applications filed by scientific domain each year compared to all applications filed in each scientific domain**  
 Total number of applications : 644

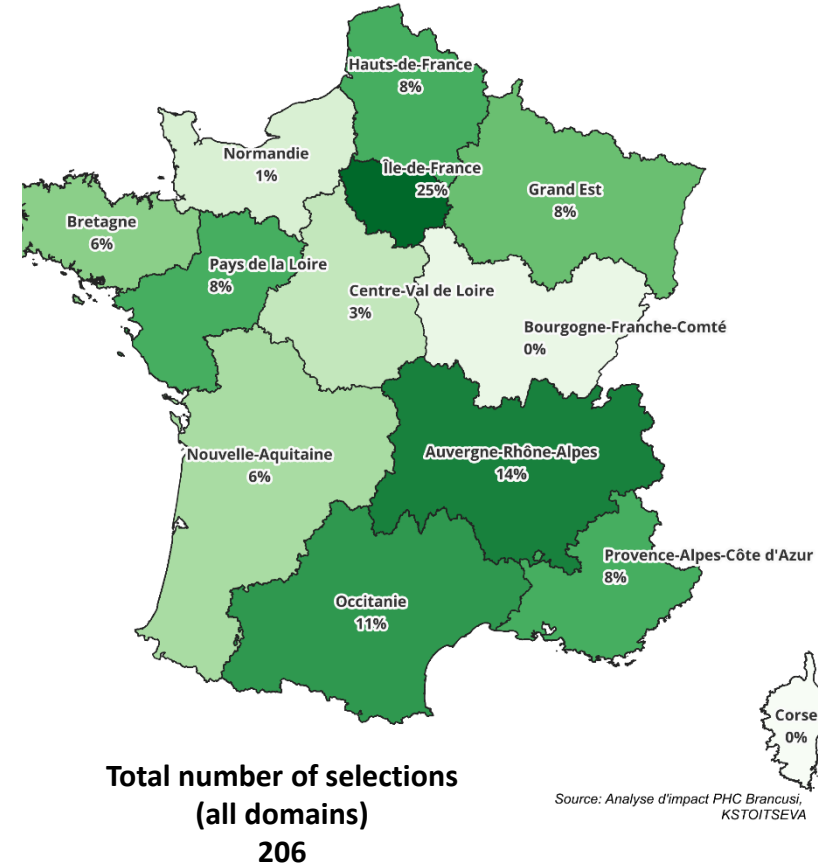
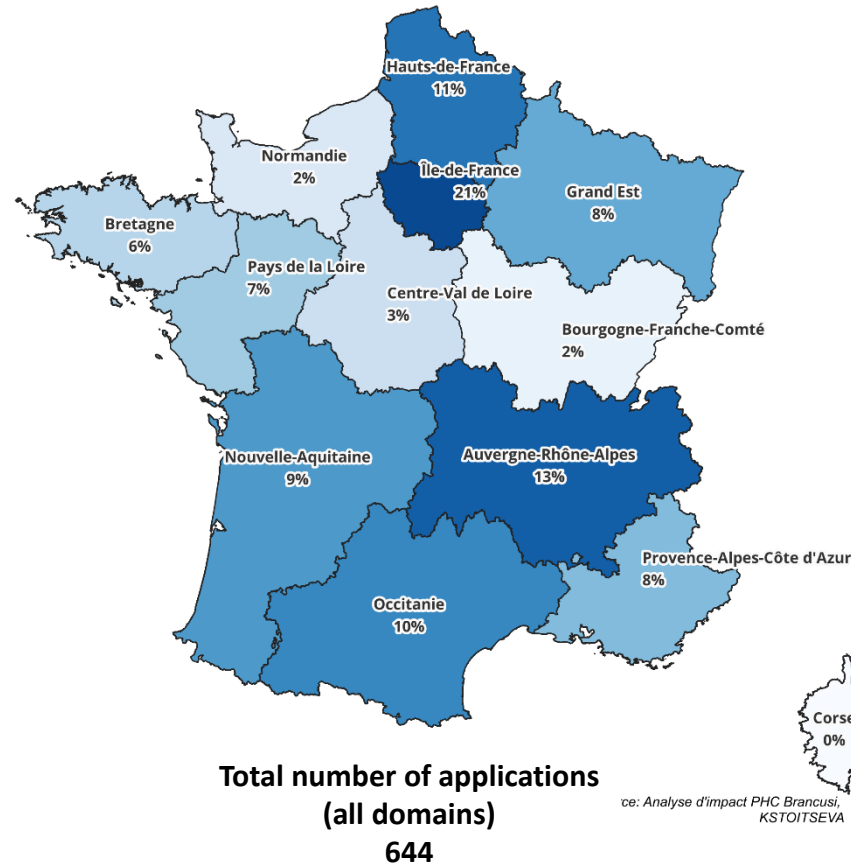


**Percentage of selections filed by scientific domain each year compared to all selections filed in each scientific domain**  
 Total number of selections : 206



# REGIONAL DISTRIBUTION OF SELECTED PROJECTS 2005-2019

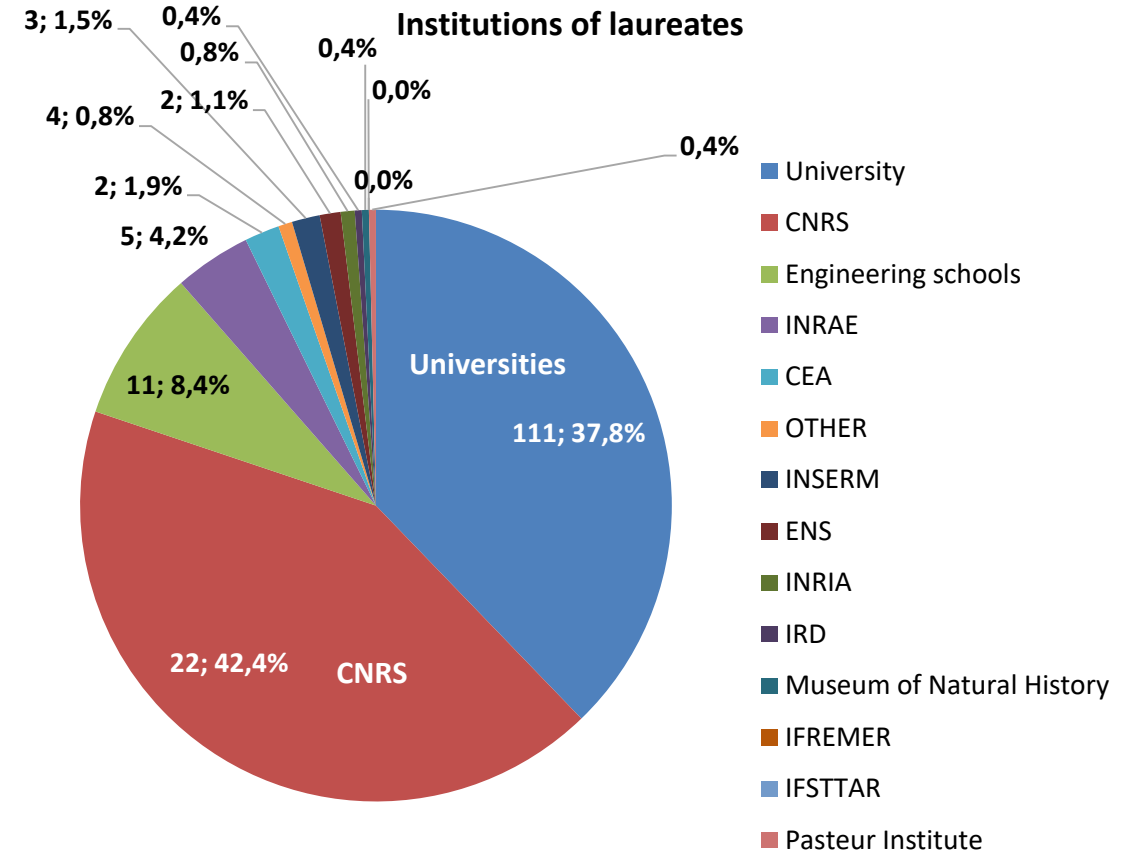
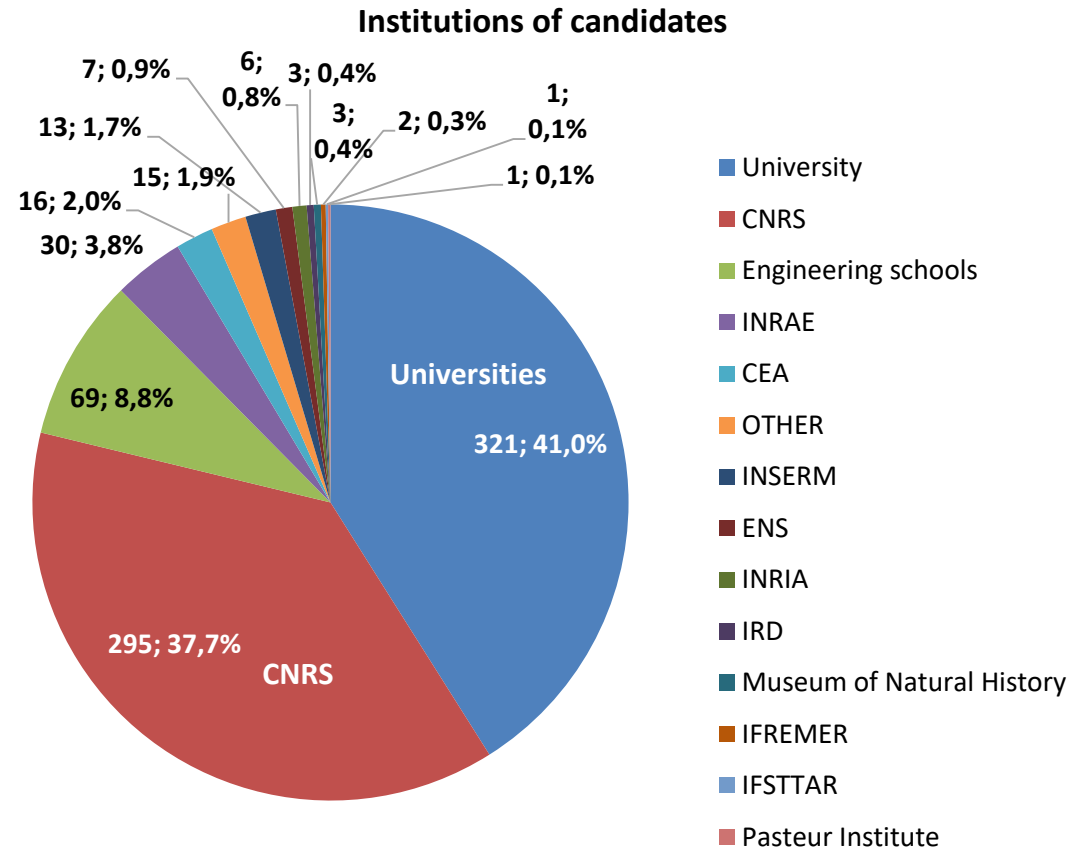
## PHC BRANCUSI Regional percentages of applications and selections 2005-2019



The region Ile de France is the main contributor both for applications and selections followed by Auvergne-Rhône-Alpes

# FRENCH PARTICIPATING INSTITUTIONS

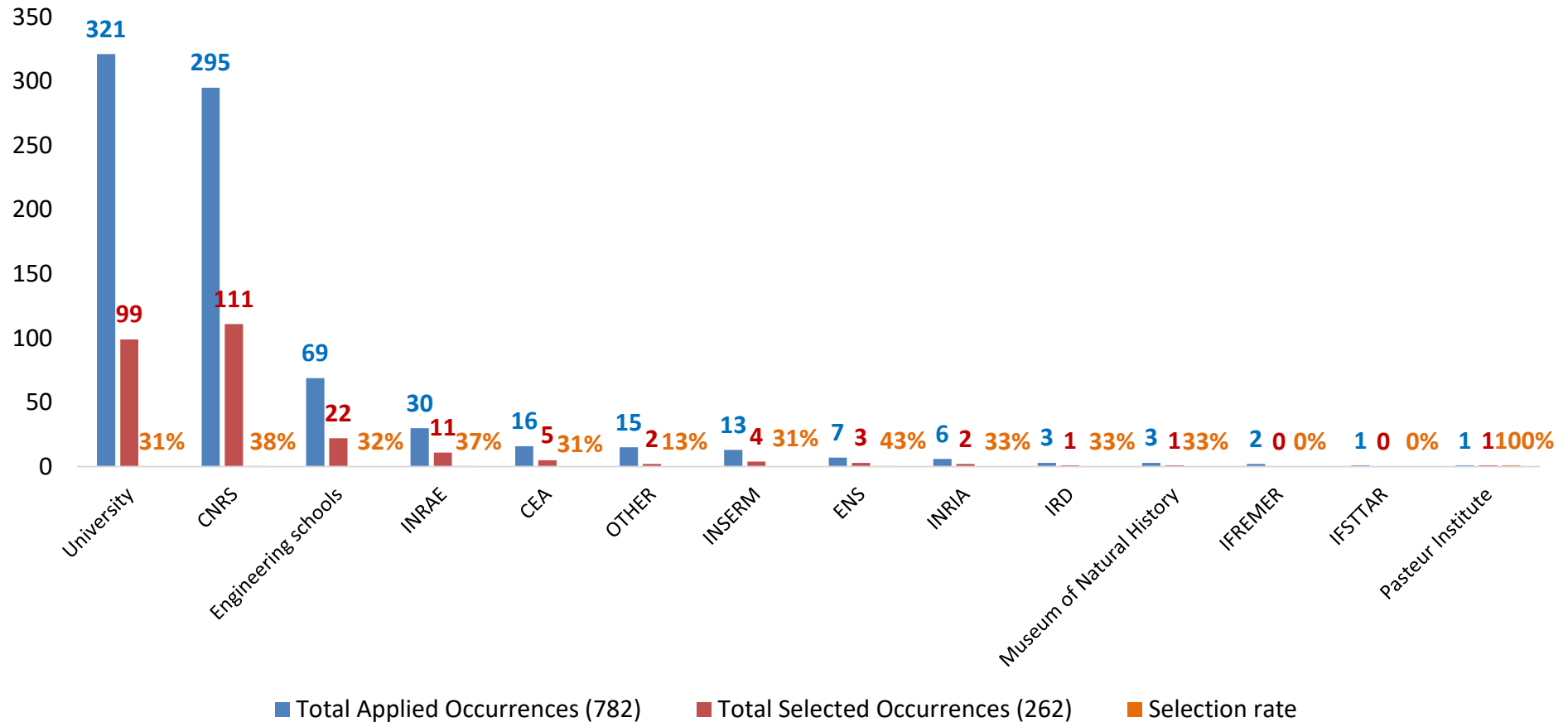
(SOURCE : DATA FROM CAMPUS FRANCE)



# FRENCH PARTICIPATING INSTITUTIONS

(SOURCE : DATA FROM CAMPUS FRANCE)

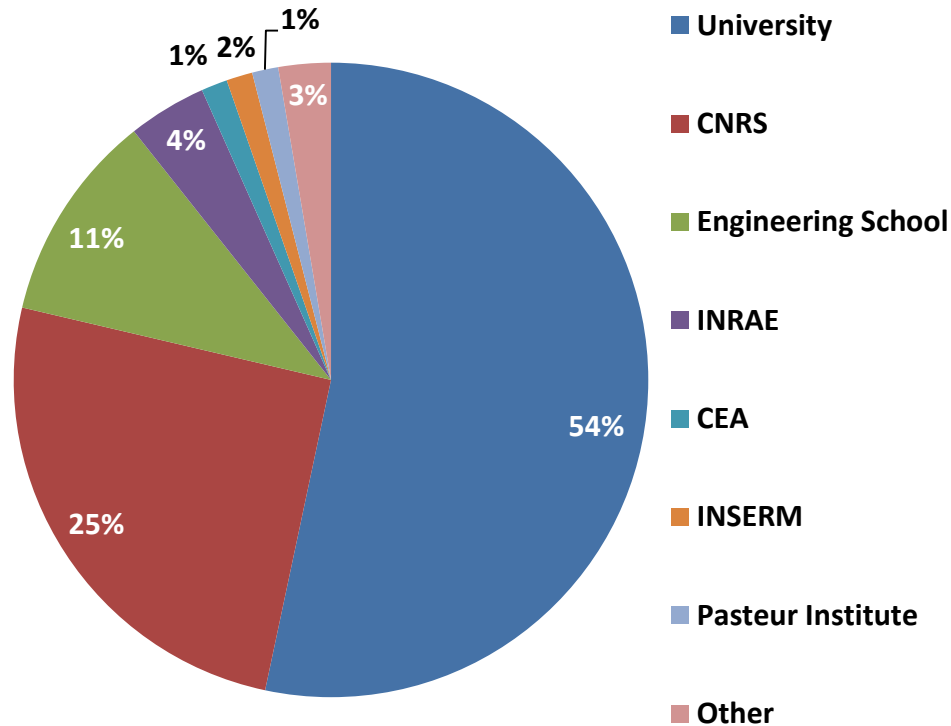
Number of occurrences for each institution



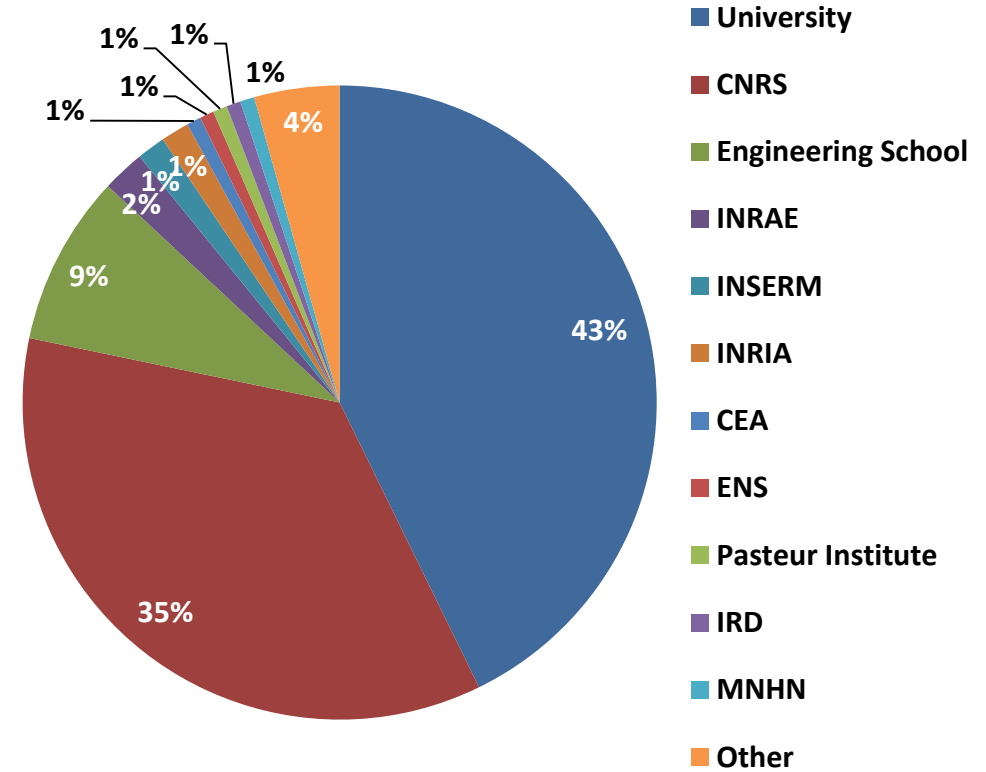
# FRENCH PARTICIPATING INSTITUTIONS

(SOURCE : DATA FROM THE SURVEY)

## PI's employers



## Laboratories authorities

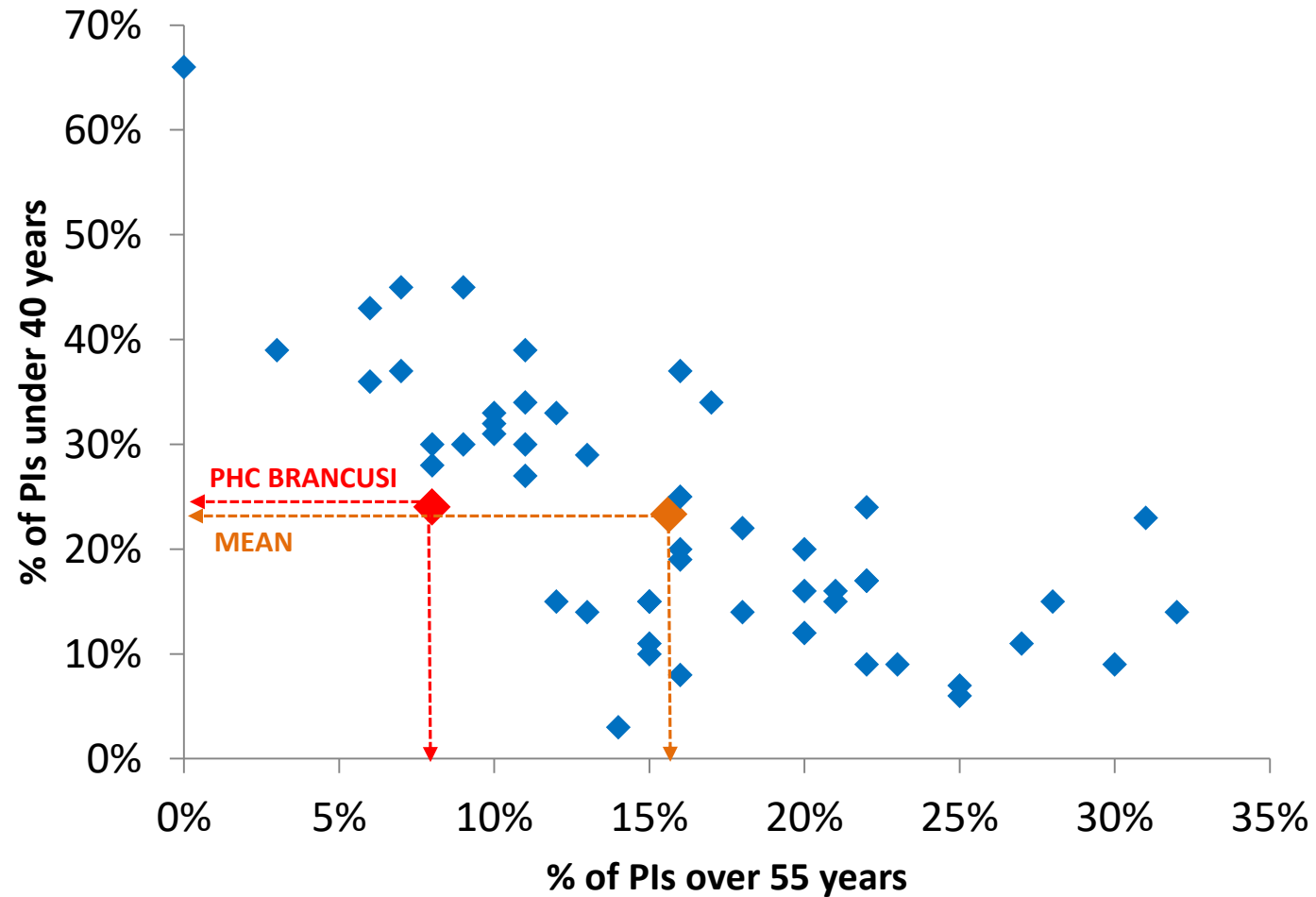


Data from 75 responses



# AGE OF FRENCH PRINCIPAL INVESTIGATORS (PI) 2005-2019

## (COMPARISON BETWEEN 53 DIFFERENT BILATERAL PROGRAMS)



Laureates under 40 years : **24% vs 23% mean**

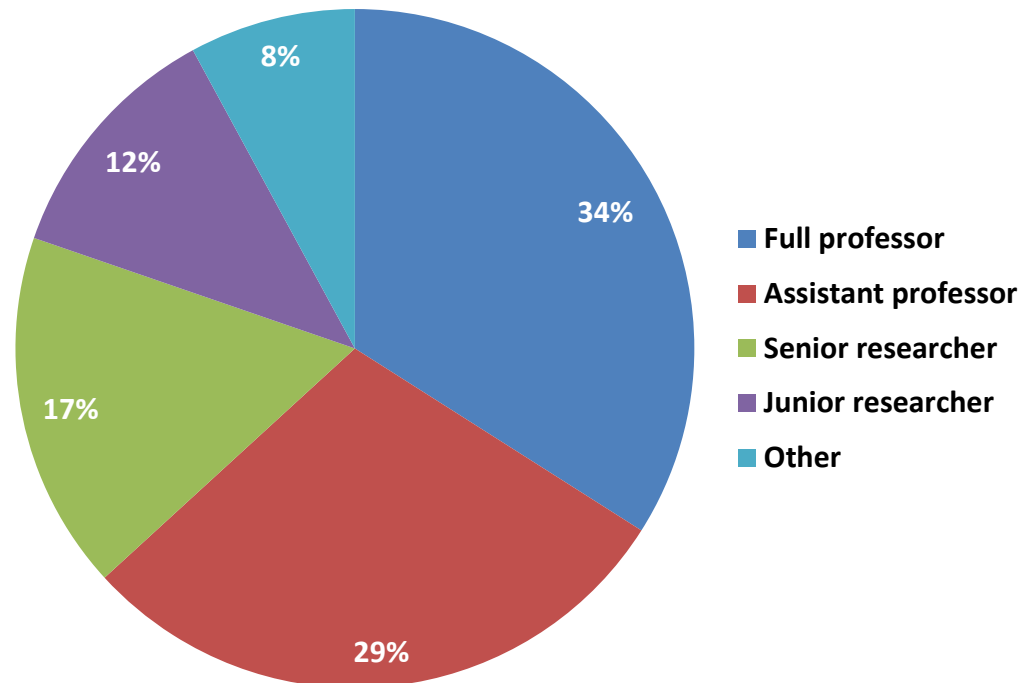
Laureates over 55 years : **8% vs 16% mean**

Laureates between 40 et 55 years : **68%**

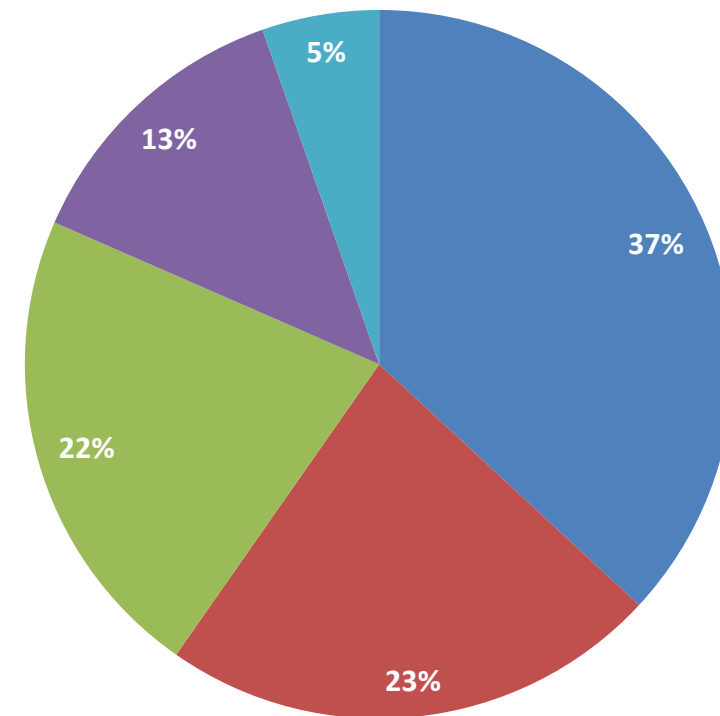
# FRENCH PIS (PRINCIPAL INVESTIGATORS) : STATUS 2005-2019

(SOURCE : DATA FROM CAMPUS FRANCE)

## Applicants professional status



## Laureates professional status



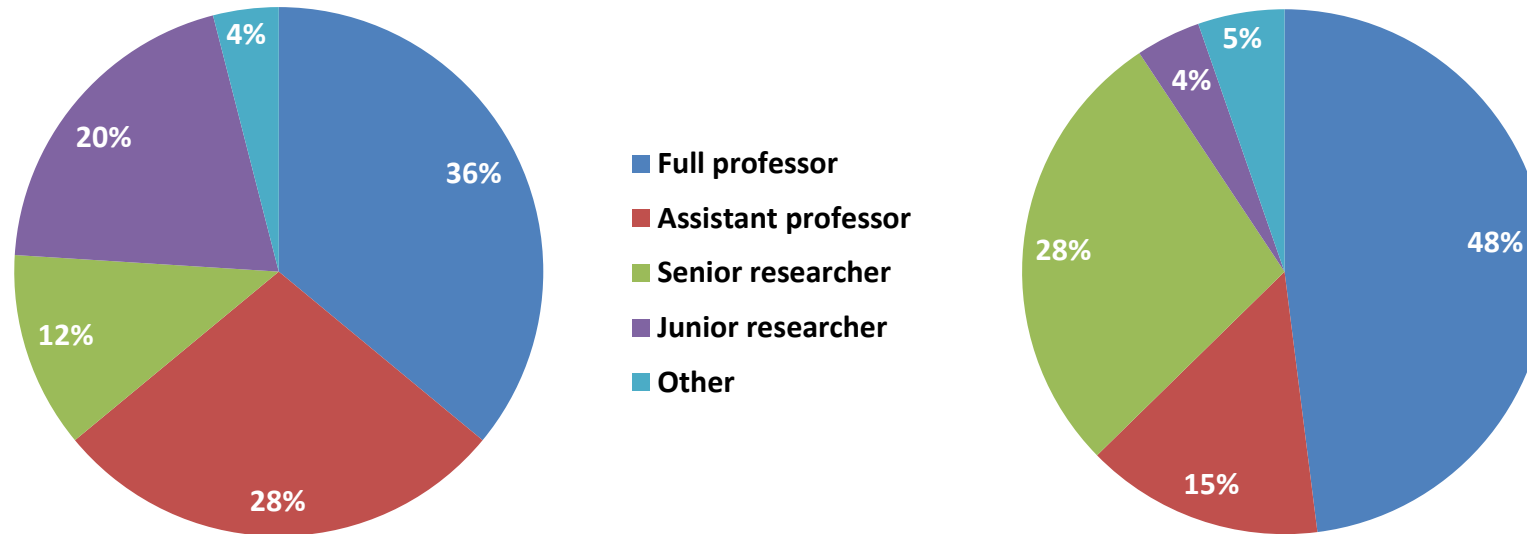
Data from 644 french applicants and 206 french laureates

# FRENCH PIS (PRINCIPAL INVESTIGATORS) : STATUS 2005-2019

(SOURCE : DATA FROM THE SURVEY)

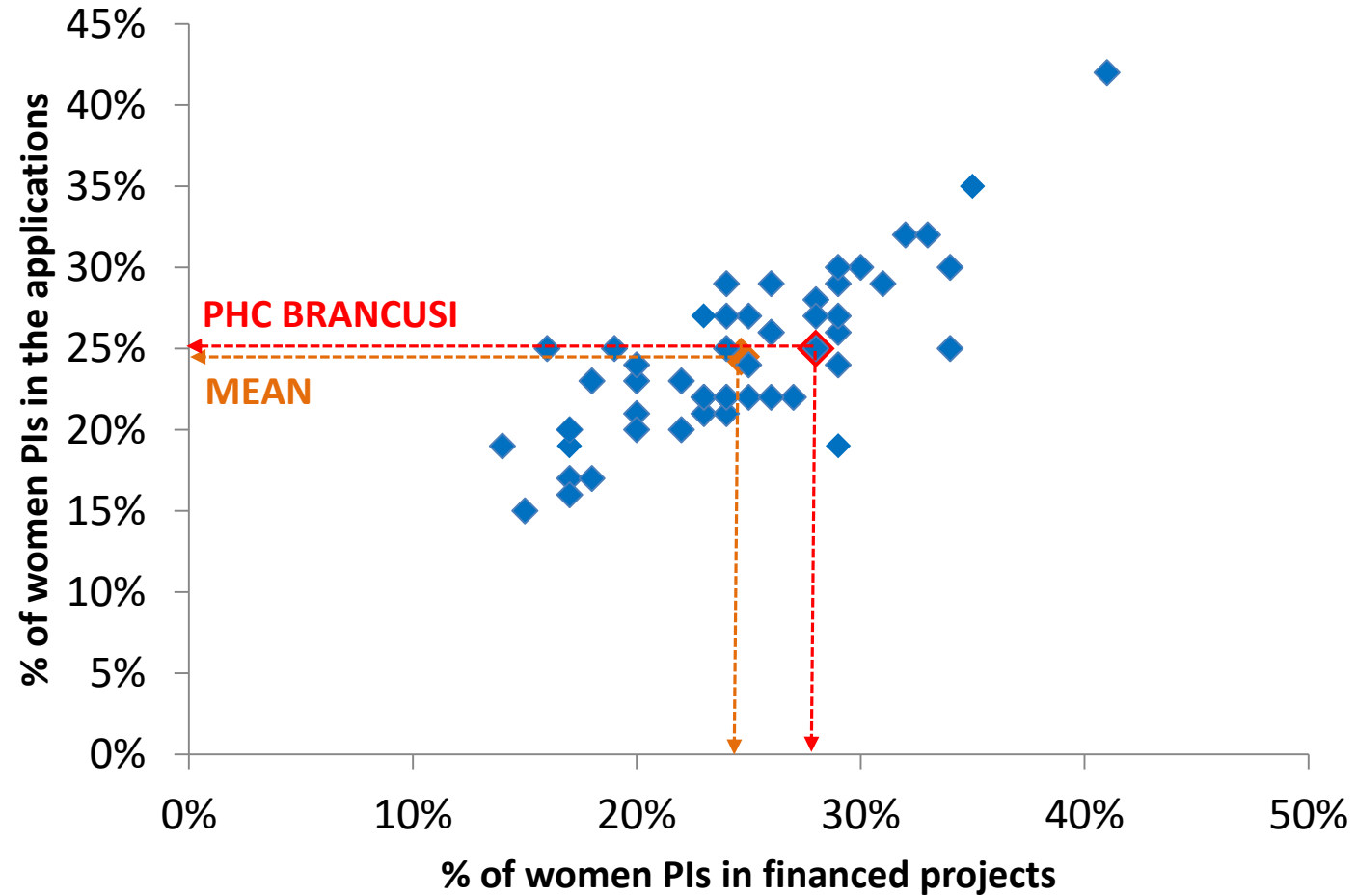
**Previous professional status  
(at the beginning of the project)**

**Current professional status**



**Data from 75 responses**

# IMPLICATION OF WOMEN (FRANCE) 2005-2019 (COMPARISON BETWEEN 53 DIFFERENT BILATERAL PROGRAMS)

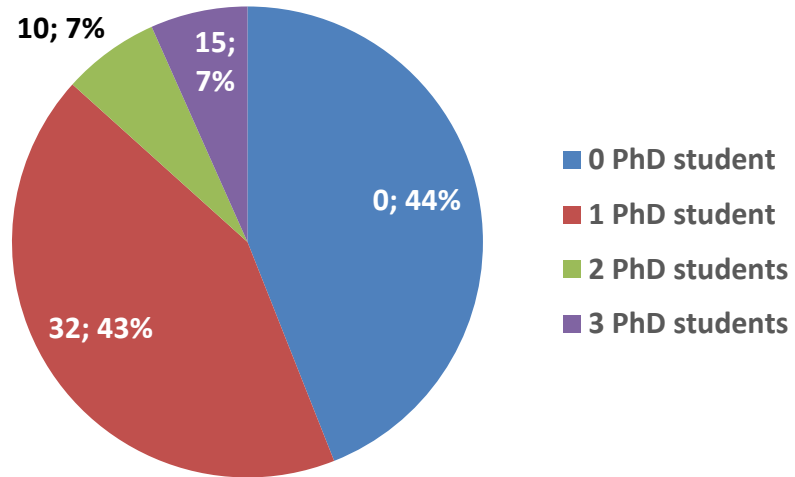


**% of women PIs candidates : 25% vs 24% mean**

**% of women PIs laureates : 28% vs 25% mean**

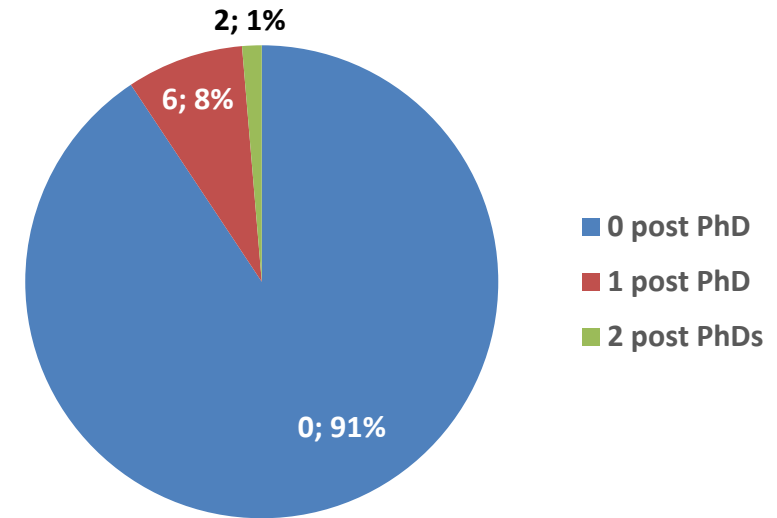
# PARTICIPATION OF FRENCH YOUNG RESEARCHERS 2005-2019

## Number of French PhD students



**56%** of projects involve at least one French PhD student

## Number of French post-doctoral researchers

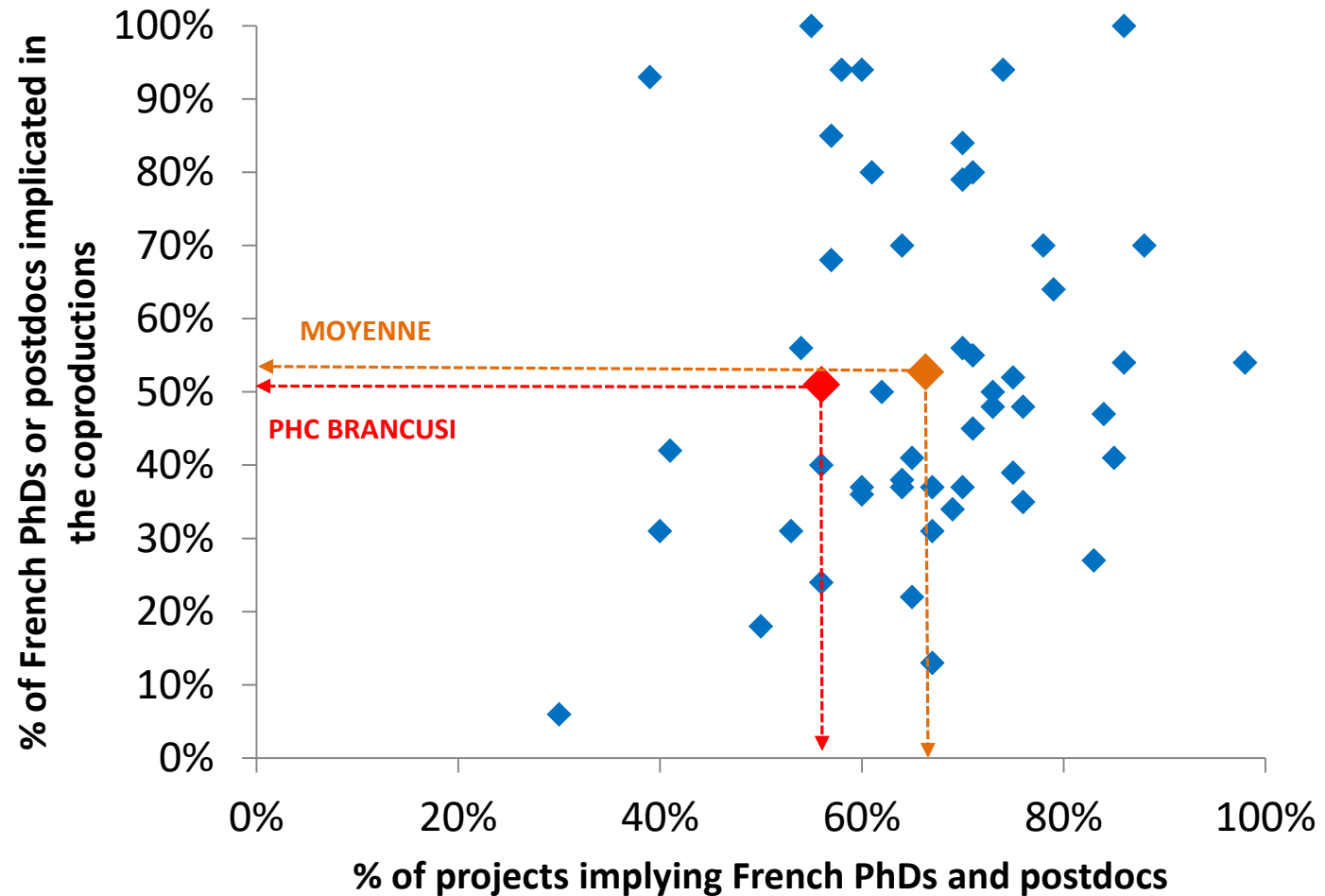


**9%** of projects involve at least one French post-doctoral researcher

**Overall, 59%** of projects involve at least one French young researcher

Data from 75 responses

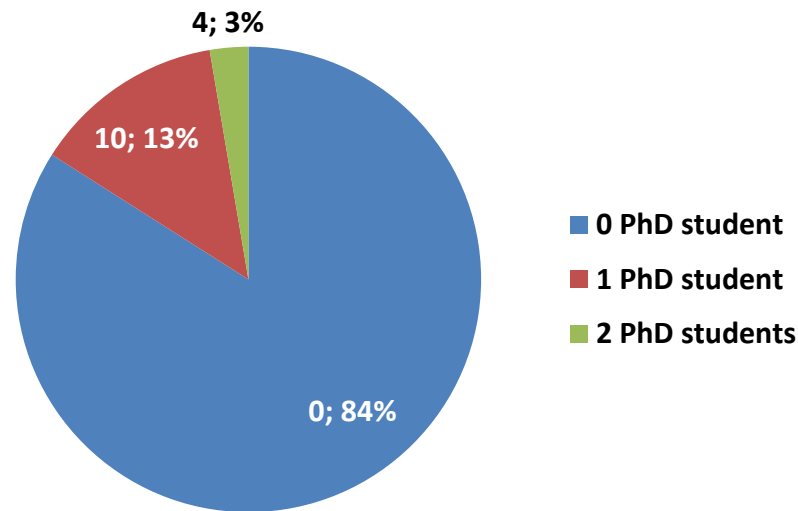
# IMPLICATION OF FRENCH YOUNG RESEARCHERS IN THE PUBLICATIONS 2005-2019



**% of projects involving french young researchers : 56% vs 66% mean**  
**% of french PhDs or postdocs involved in the coproductions : 51% vs 53% mean**

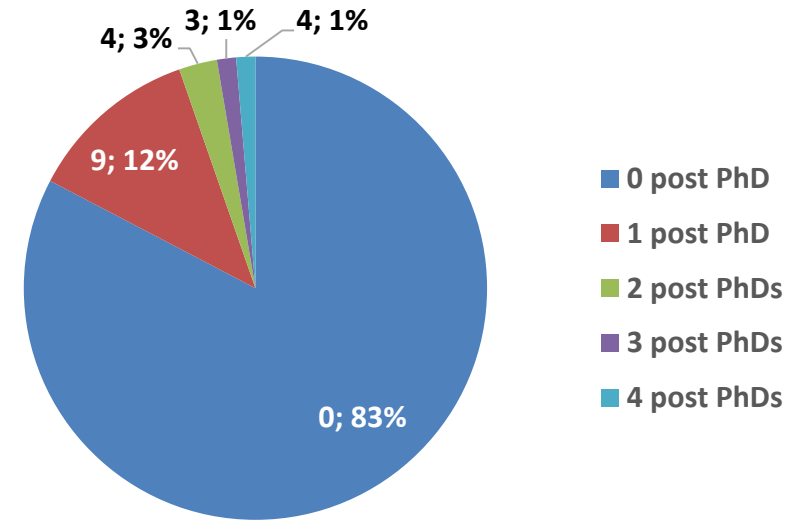
# PARTICIPATION OF ROMANIAN YOUNG RESEARCHERS 2005-2019

## Number of Romanian PhD students



**16%** of projects involve at least one Romanian PhD student

## Number of Romanian post-doctoral researchers



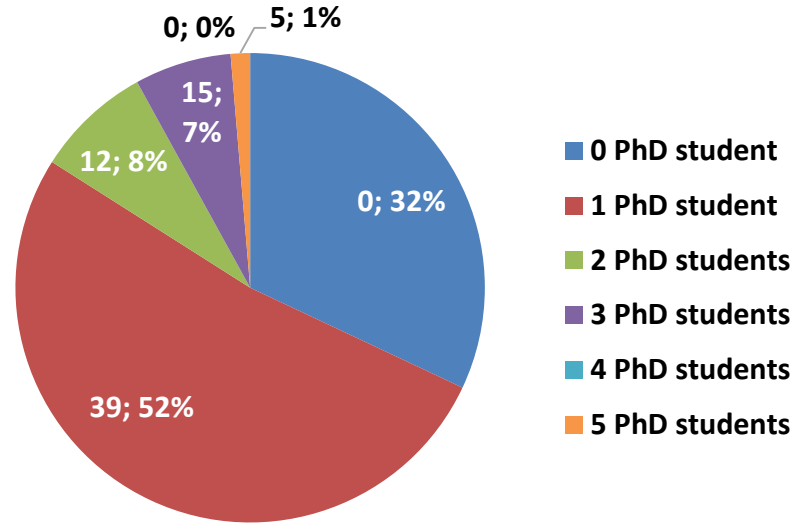
**17%** of projects involve at least one Romanian post-doctoral researcher

**Overall, 32%** of projects involve at least one Romanian young researcher

Data from 75 responses

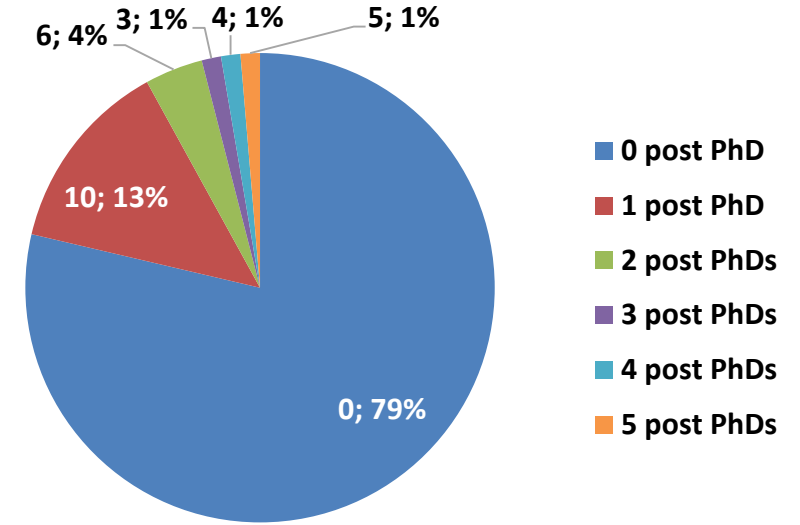
# PARTICIPATION OF BOTH FRENCH AND ROMANIAN YOUNG RESEARCHERS

## Number of PhD students



**68%** of projects involve at least one PhD student

## Number of post-doctoral researchers



**21%** of projects involve at least one post-doctoral researcher

**Overall, 88%** of projects involve at least one French or Romanian young researcher

Data from 75 responses





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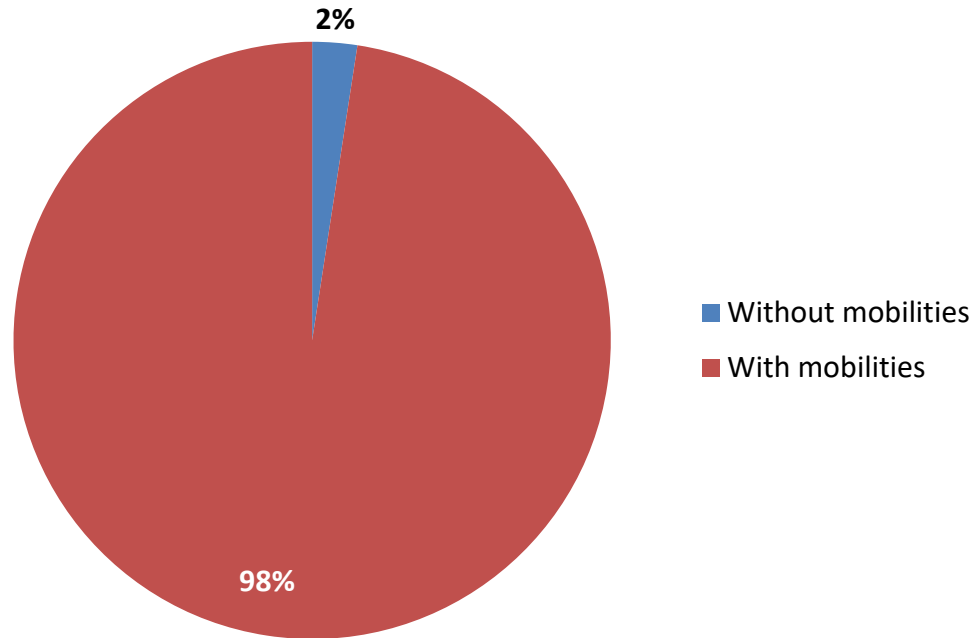
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**MOBILITY**

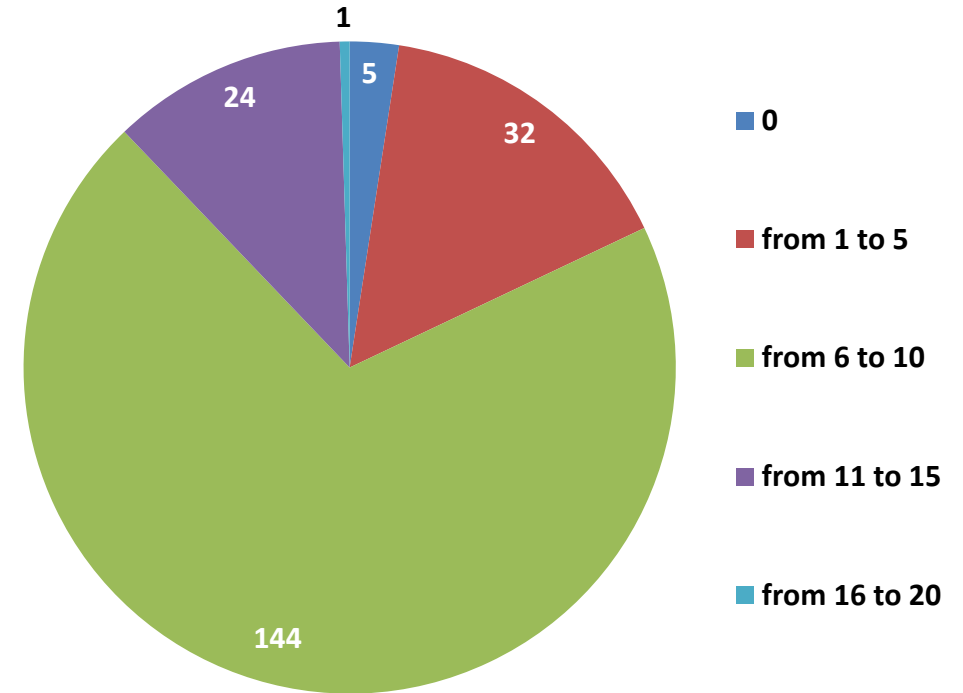
# MOBILITIES 2005-2019

(SOURCE : DATA FROM CAMPUS FRANCE)

Projects with/without mobilities



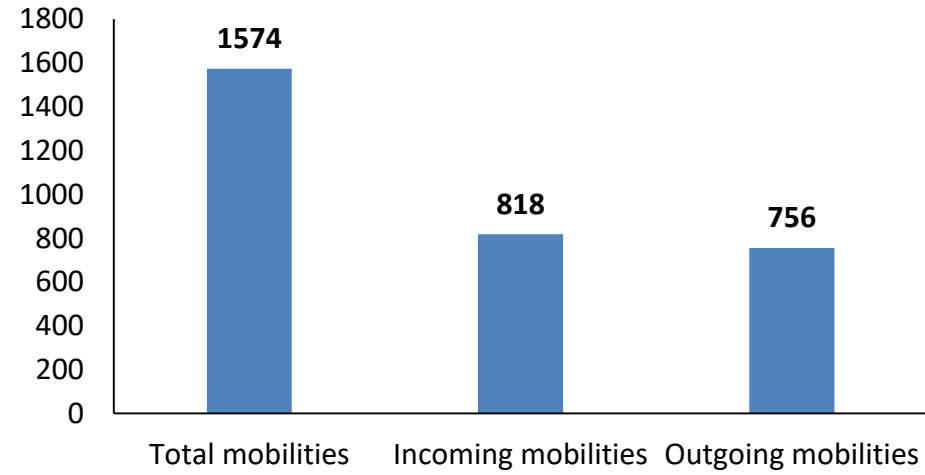
Number of mobilities per project



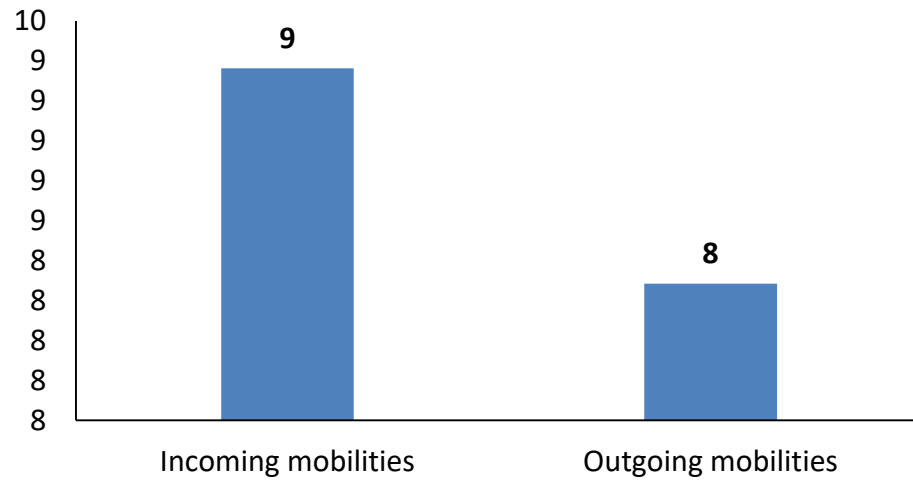
Data from 206 funded projects

# MOBILITIES 2005-2019

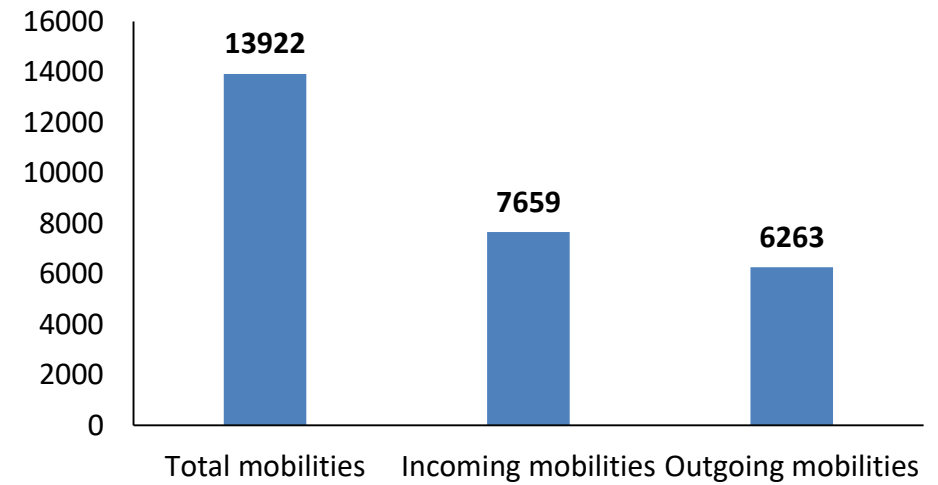
Number of mobilities



Average mobility duration in days



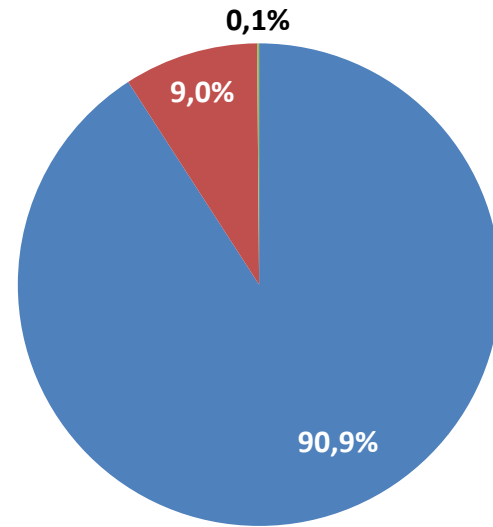
Total duration of mobilities in days



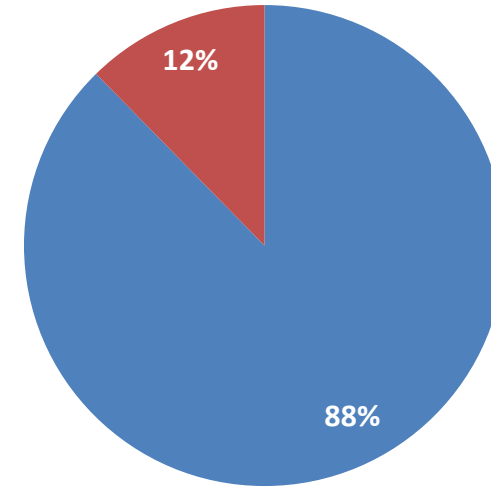
# MOBILITY : DURATION (2005-2019)

(SOURCE : DATA FROM CAMPUS FRANCE)

## France → Romania



## Romania → France



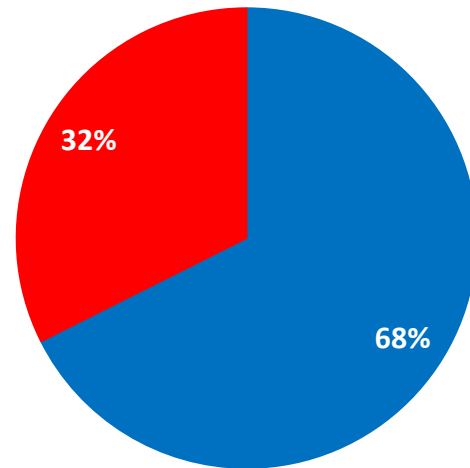
- < 15 days
- between 15 days and 3 months
- > 3 months

Data from 756 outgoing mobilities and 818 incoming mobilities

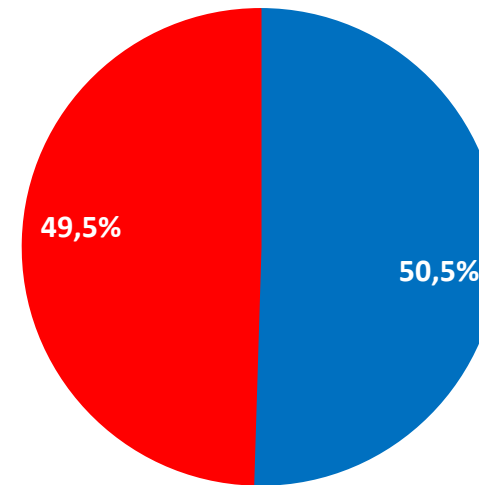
# MOBILITY : GENDER DISTRIBUTION (2005-2019)

(DATA FROM CAMPUS FRANCE)

France → Romania



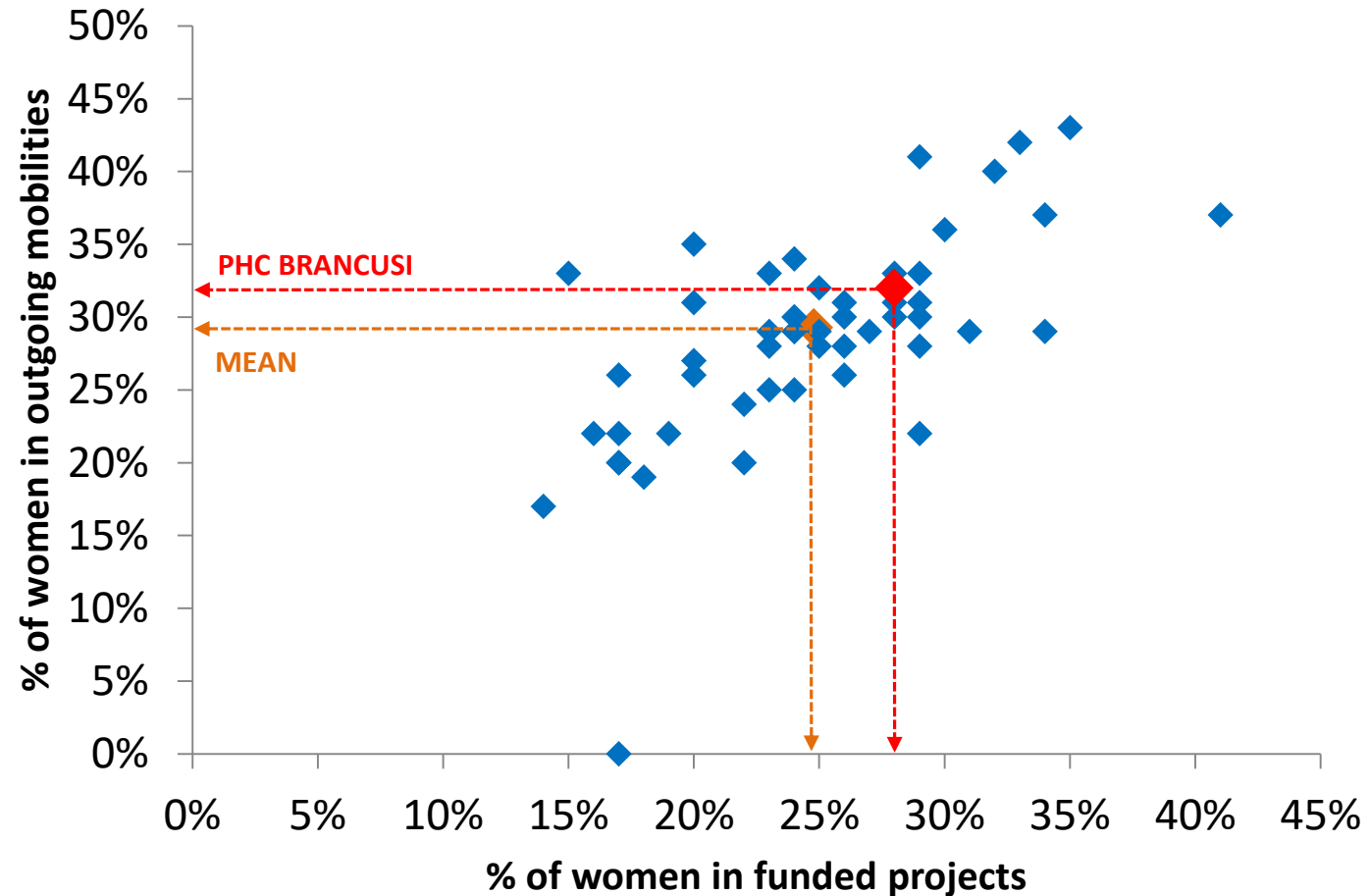
Romania → France



■ Men ■ Women

Data from 756 outgoing mobilities and 818 incoming mobilities

# WOMEN MOBILITY FRANCE – ROMANIA (COMPARISON BETWEEN 53 DIFFERENT BILATERAL PROGRAMS)



% of women PIs in the funded projects : **28% vs 25% mean**

% of women PIs in outgoing mobilities : **32% vs 29% mean**

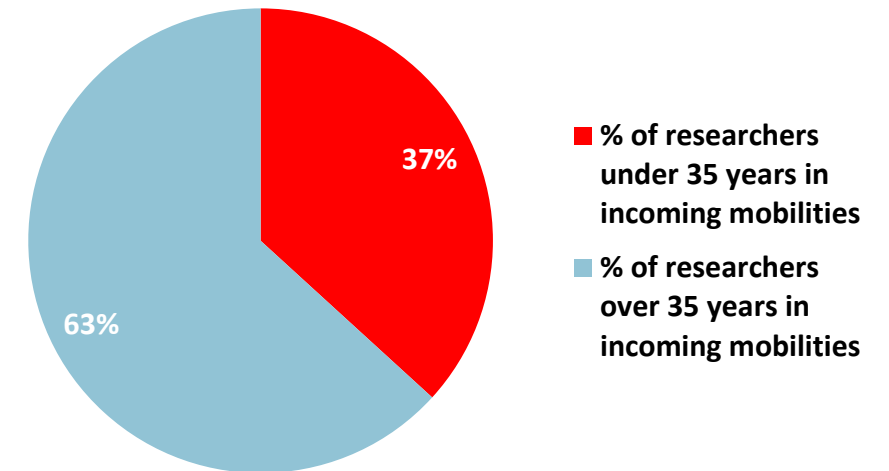
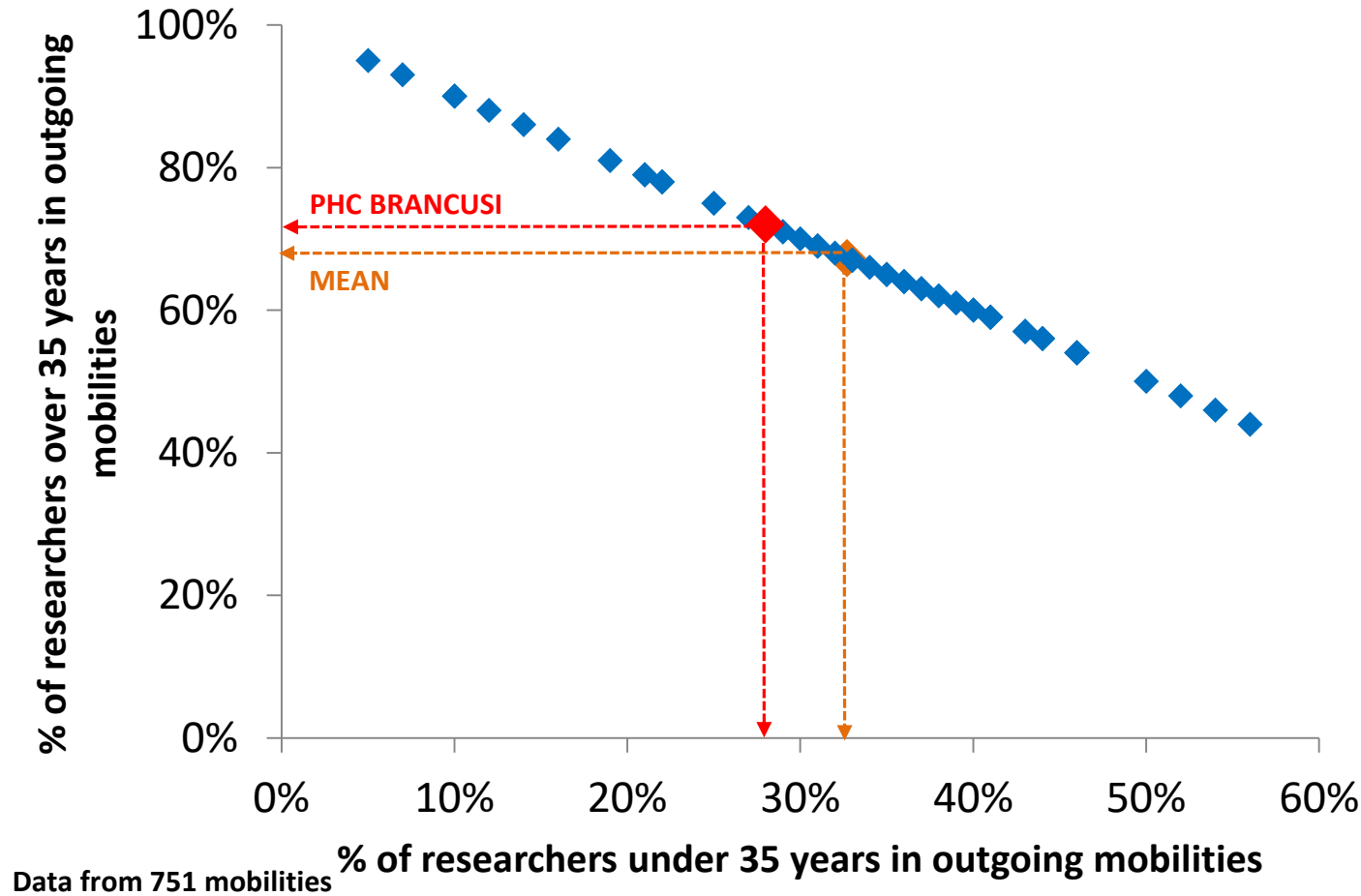
# YOUNG RESEARCHERS MOBILITY (2005-2019)

(DATA FROM CAMPUS FRANCE)

France → Romania

Romania → France

(Comparison between 53 different bilateral programs)



Data from 813 mobilities

% of young french researchers in outgoing mobilities : **28% vs 33% mean**  
 % of young romanian researchers in incoming mobilities : **37%** (mean non available)



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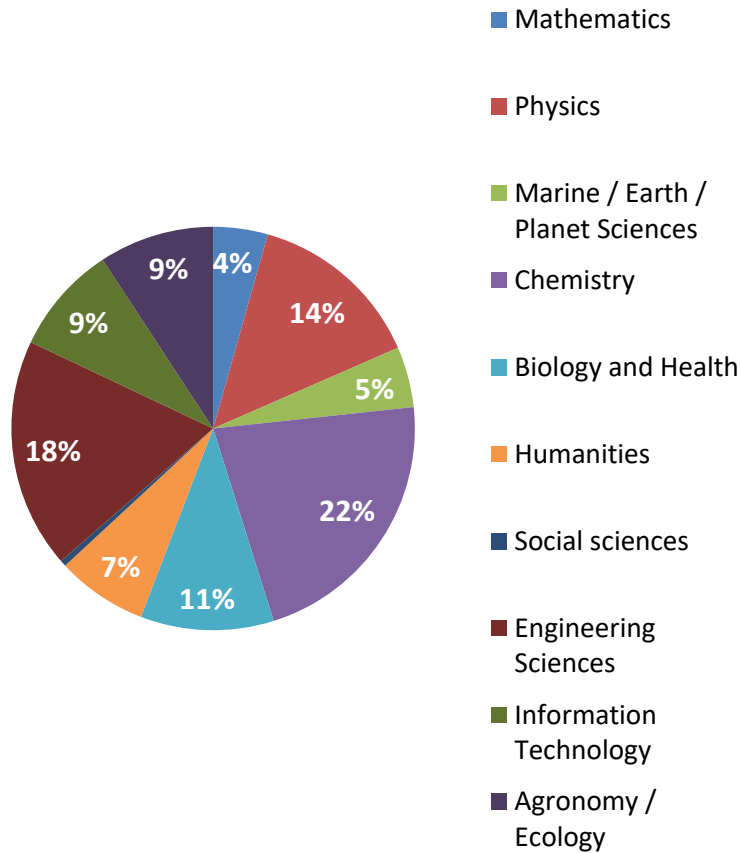
# **SCIENTIFIC PRODUCTION (2005-2019)**



# SCIENTIFIC PRODUCTION 2005-2019 (1/2)

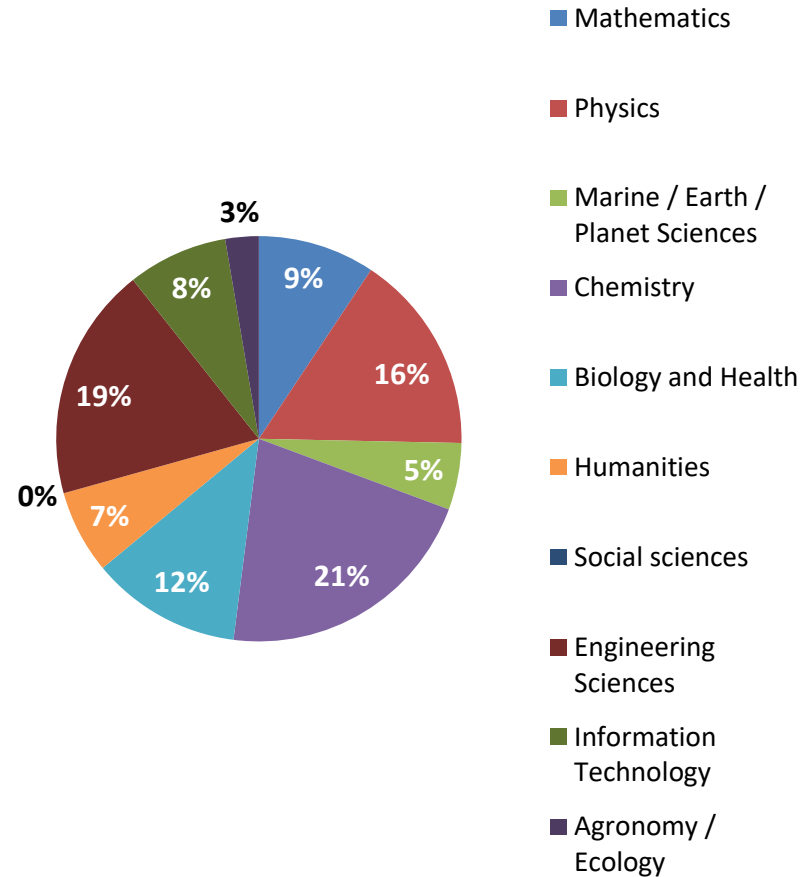
(SOURCE : DATA FROM CAMPUS FRANCE AND SURVEY)

### Funded projects 2005-2019



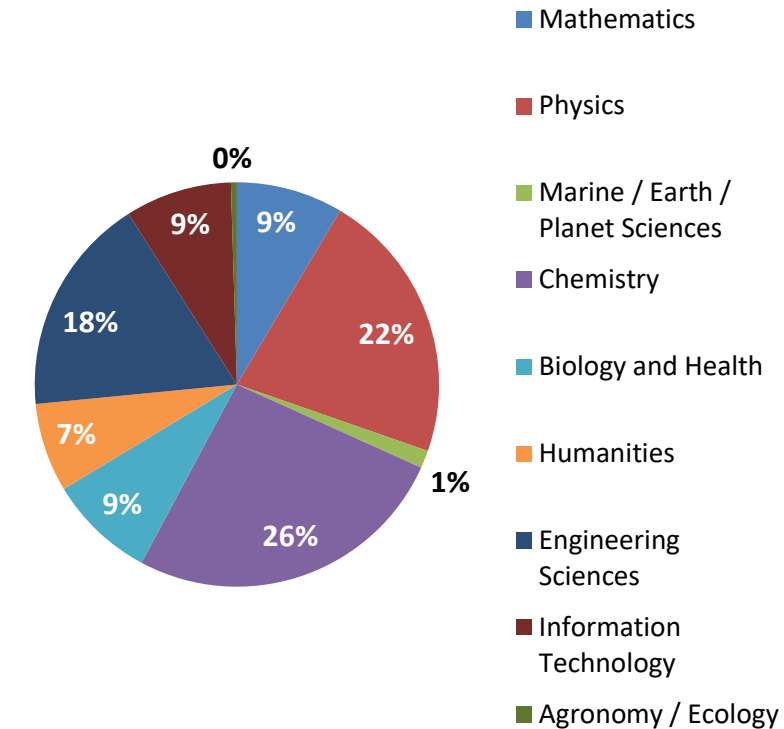
206 funded projects

### Responses to the survey 2005-2019



75 responses  
No responses for DS7

### Coproductions 2005-2019



Analysis of 211 coproductions

# SCIENTIFIC OUTPUT 2005-2019 (2/2)

(DATA FROM THE SURVEY)

	Number of financed projects in the survey	Average annual number of scientific co-productions per project
Mathematics	7	1,3
Physics	12	1,9
Marine/Earth/Planet Sciences	4	0,4
Chemistry	16	1,7
Biology and Health	9	1,0
Humanities	5	1,5
Social Sciences	No responses	
Engineering Sciences	14	1,3
Information Technology	6	1,5
Agronomy / Ecology	2	0,3
<b>TOTAL</b>	<b>75</b>	<b>1,4</b>

**Overall average annual number of scientific coproductions per project : 1,4 vs 0,96 mean**

**81% of funded projects led to one scientific coproduction at least**  
**21% of coproductions include at least 1 French PhD or PostDoc and 28% 1 Romanian PhD or PostDoc**  
**The average annual rate of publication for French young researchers involved in the projects is 0,35 and 1,74 for Romanian young researchers**  
**Each young French researcher involved in the publications has published 0,68 publication per year**  
**Each young Quebec researcher involved in the publications has published 1,34 publication per year**



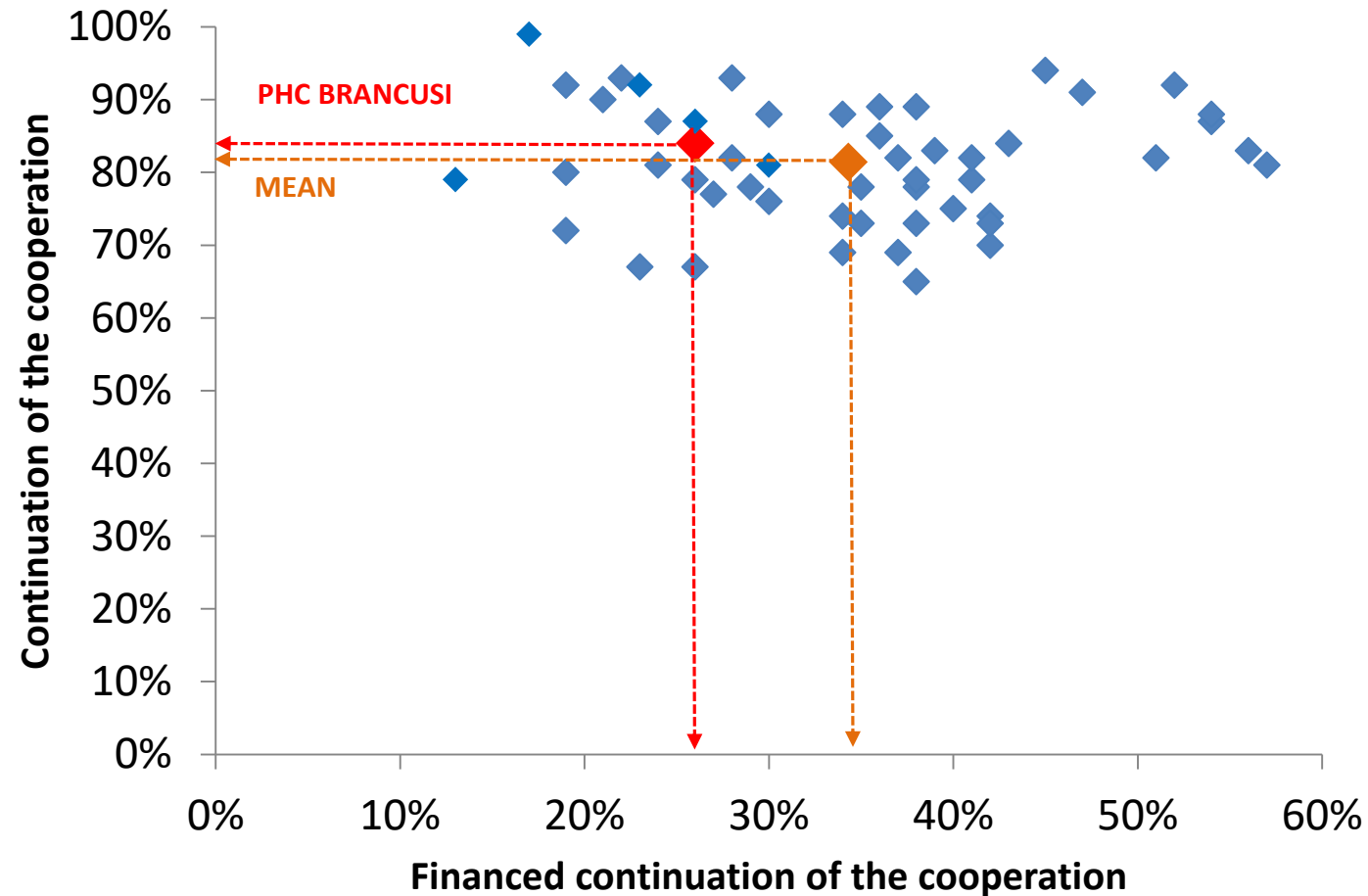
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# **WHAT HAPPENS AFTER A PHC BRANCUSI PROJECT ?**

# CONTINUATION OF THE COOPERATION 2005-2019 (1/6)

(COMPARISON BETWEEN 53 DIFFERENT BILATERAL PROGRAMS)  
(DATA FROM THE SURVEY)



**Continuation of the cooperation : 84% vs 81% mean**  
**Financed continuation of the cooperation : 26% vs 34% mean**

# CONTINUATION OF THE COOPERATION 2005-2019 (2/6)

## (DATA FROM THE SURVEY)

**84%** of the cooperations continued after the PHC BRANCUSI project

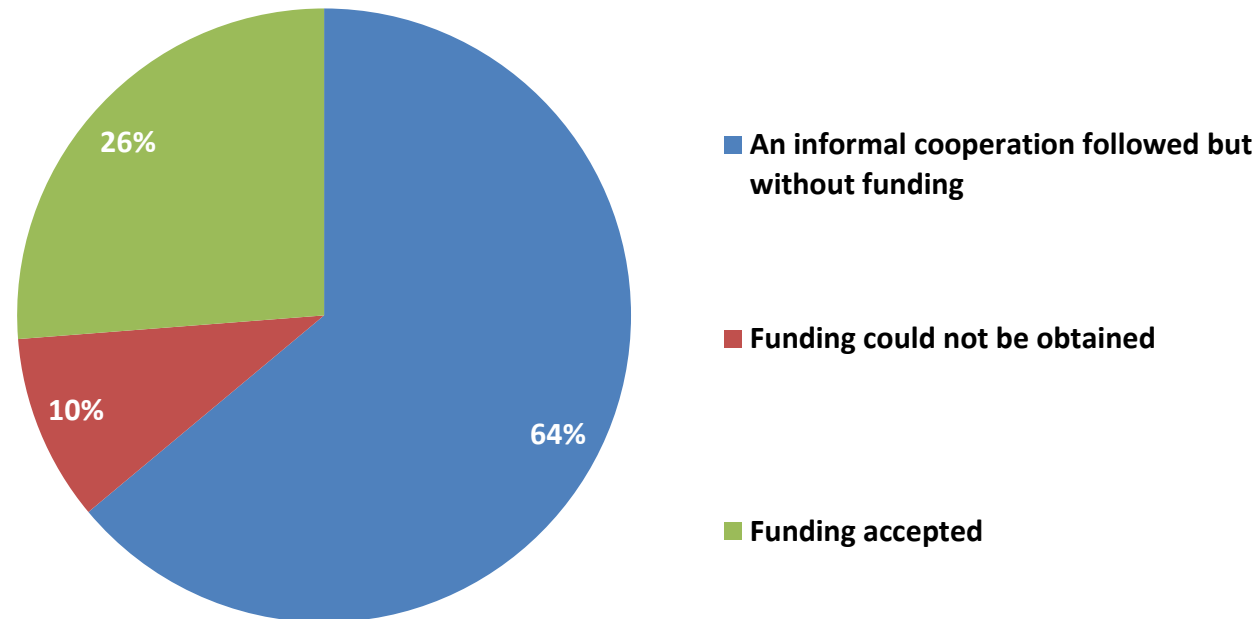
Which activities?	
Cooperative research	71%
Researchers mobilities	57%
Scientific co-productions	56%
Joint participation to conferences	40%
PhD mobilities	25%
Co-organisation of scientific events	19%
Joint participation to PhD thesis	14%
Joint diplomas (Master, PhD...)	2%
Other	8%

Data from 63 responses

# CONTINUATION OF THE COOPERATION 2005-2019 (3/6)

## (DATA FROM THE SURVEY)

**26%** of cooperations have been funded following the project

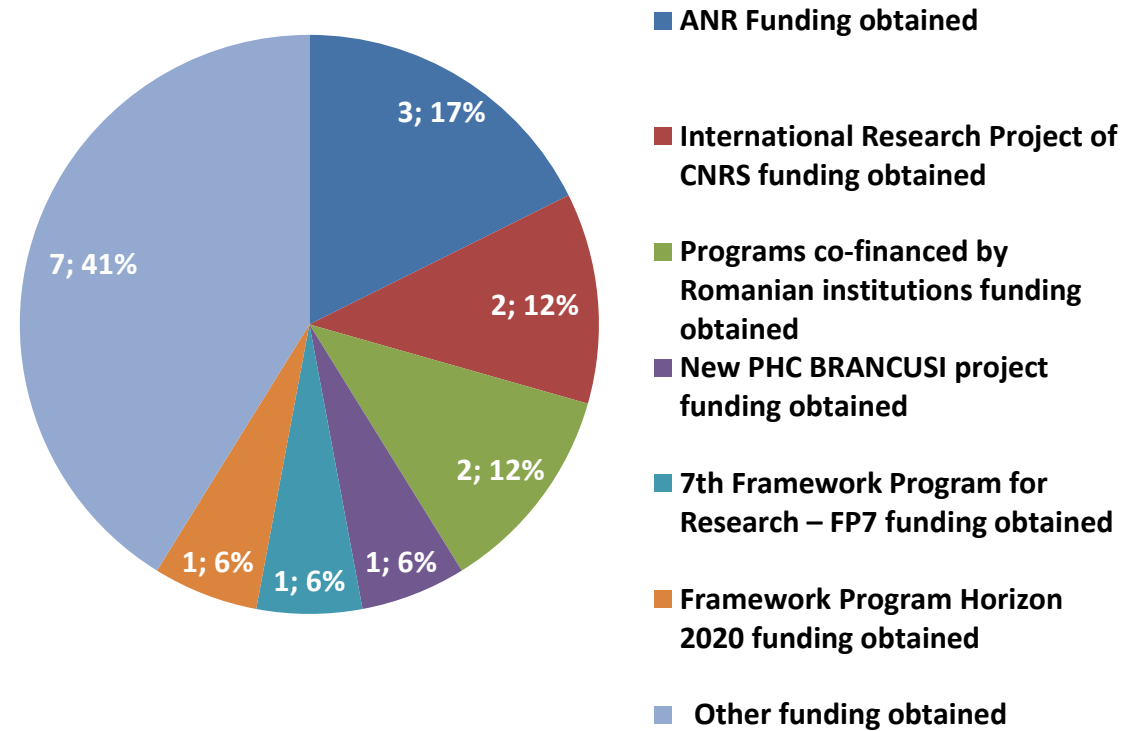


Data from 61 responses

# CONTINUATION OF THE COOPERATION 2017-2023 (4/6)

## (DATA FROM THE SURVEY)

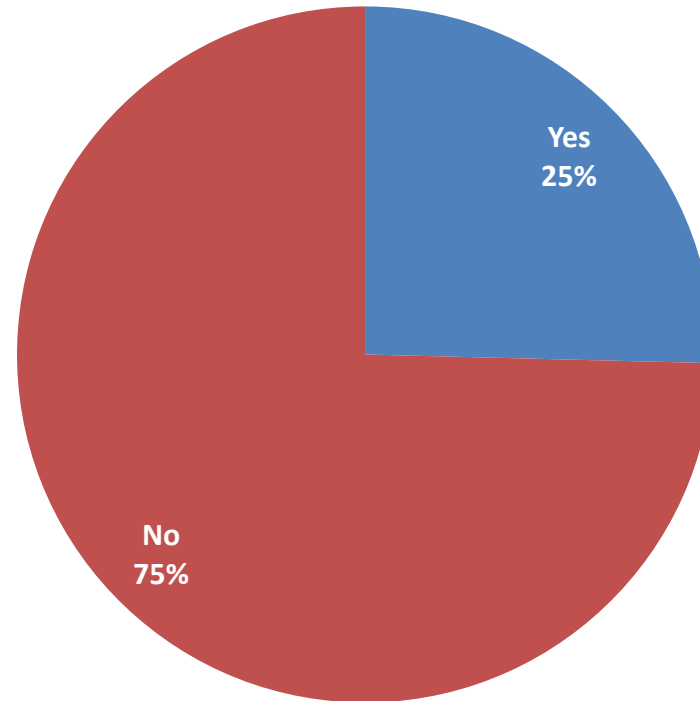
**What kind of funded collaborations after the PHC BRANCUSI project ?**



Data from 28 responses

# CONTINUATION OF THE COOPERATION 2017-2023 (5/6) (DATA FROM THE SURVEY)

**Has the French-Romanian cooperation involved new partners?**



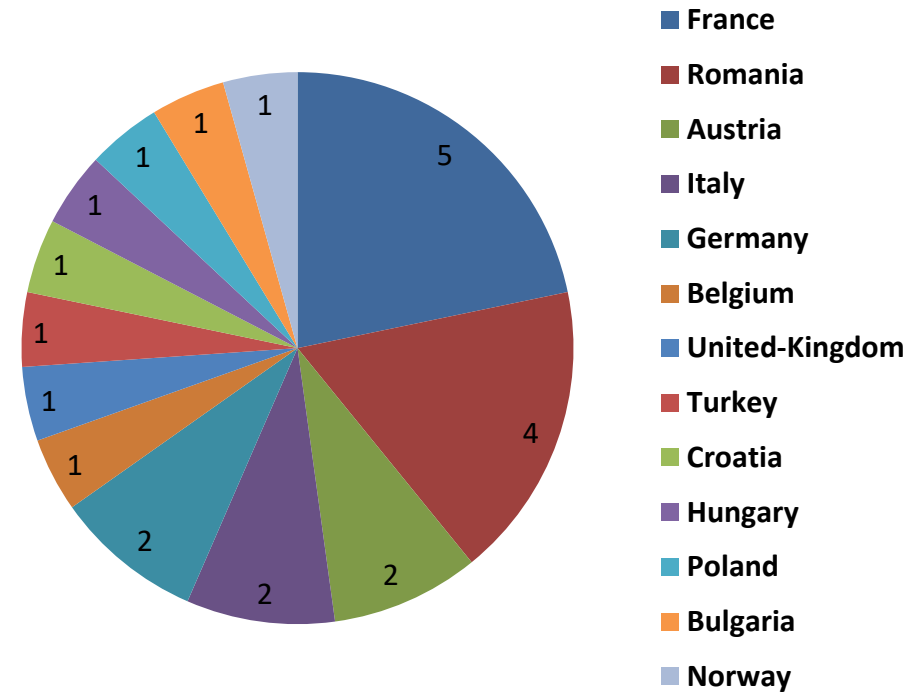
**Data from 63 responses**



# CONTINUATION OF THE COOPERATION 2017-2023 (6/6)

## (DATA FROM THE SURVEY)

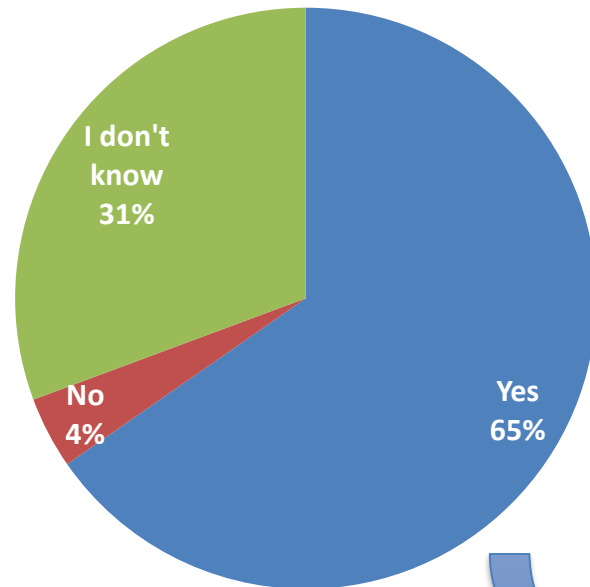
**If the French-Romanian cooperation involves new partners, list with which countries**



Data from 14 responses

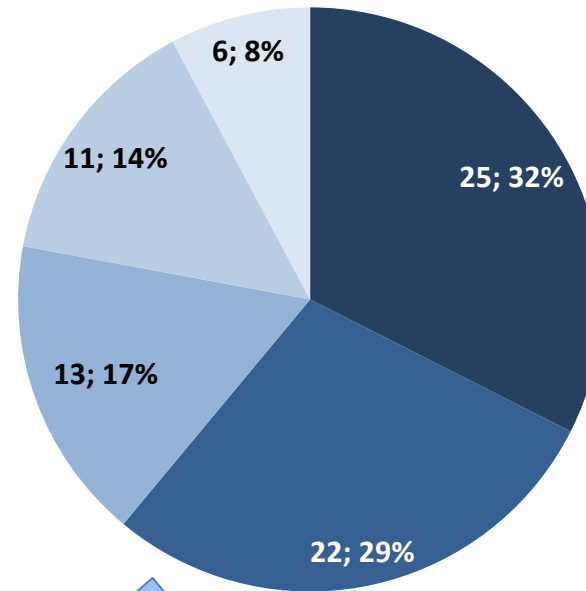
# IMPACT ON YOUNG RESEARCHERS' CAREER (2005-2019) (1/2) (DATA FROM THE SURVEY)

Was young researchers' career impacted by the PHC BRANCUSI program ?



Data from 75 responses

Type of impacts



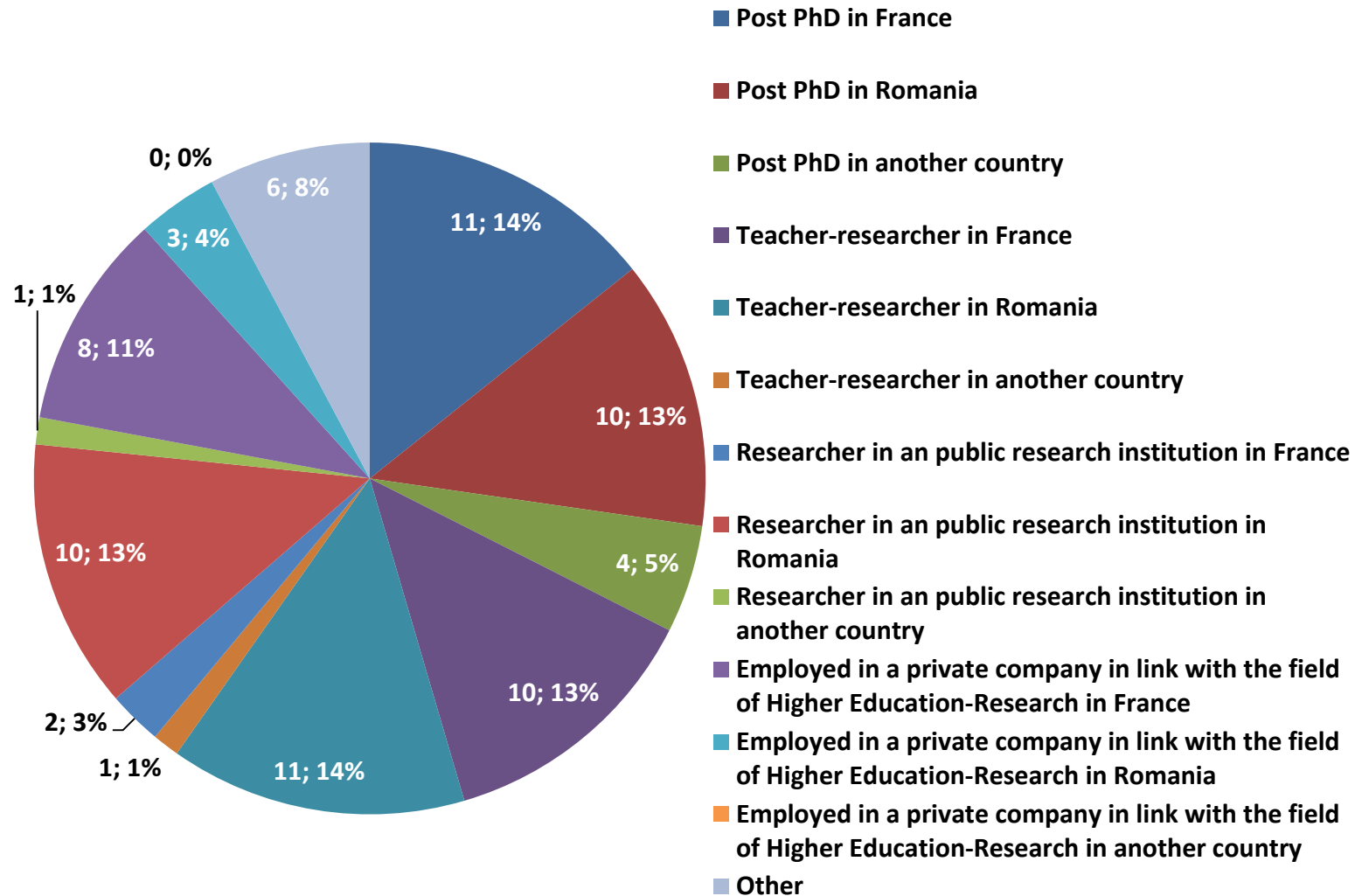
Data from 51 positive responses for a total of 77 young researchers

- Postdoc/Teacher/Researcher (temporary position)
- Researcher in a public research institution (permanent position)
- Employed in a private company in link with the field of Higher Education - Research
- Teacher/Researcher (permanent position)
- Other

# IMPACT ON YOUNG RESEARCHERS' CAREER

## 2005-2019 (2/2)

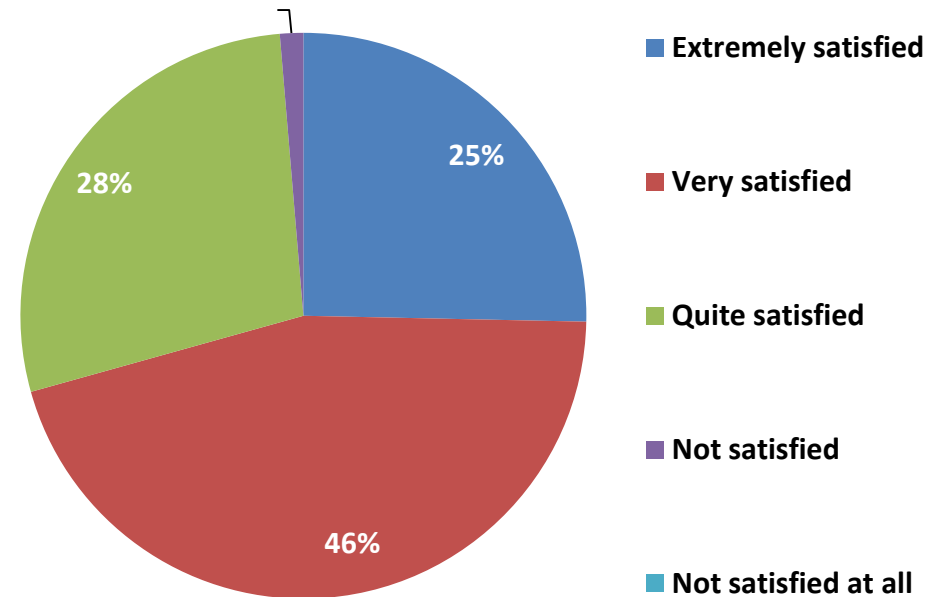
(DATA FROM THE SURVEY)



Data from 51 positive responses for a total of 77 young researchers

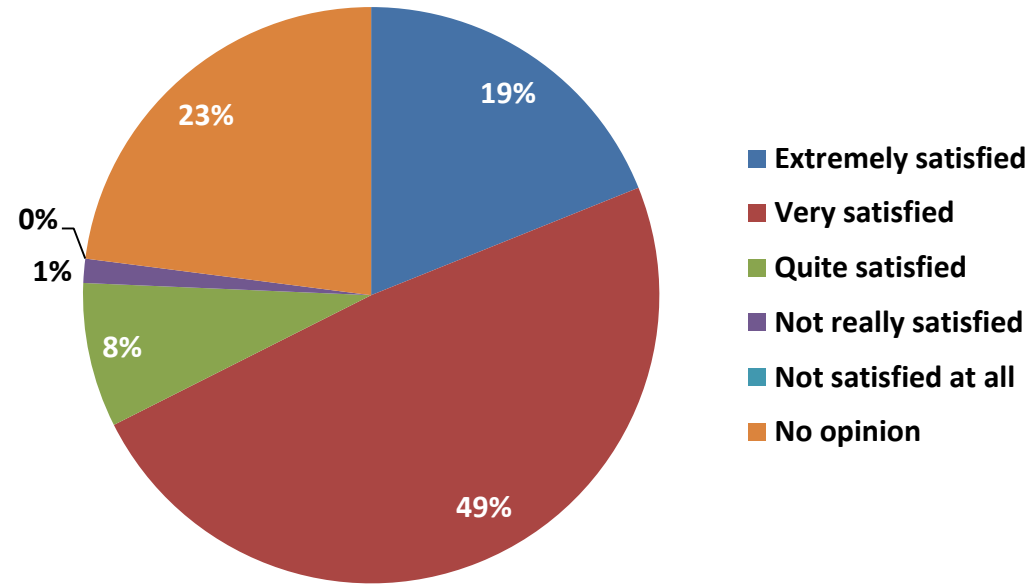
# GENERAL OPINION OF FRENCH PIS ON THE PROGRAM 2005-2019 (DATA FROM THE SURVEY)

**99%** of French principal investigators are satisfied



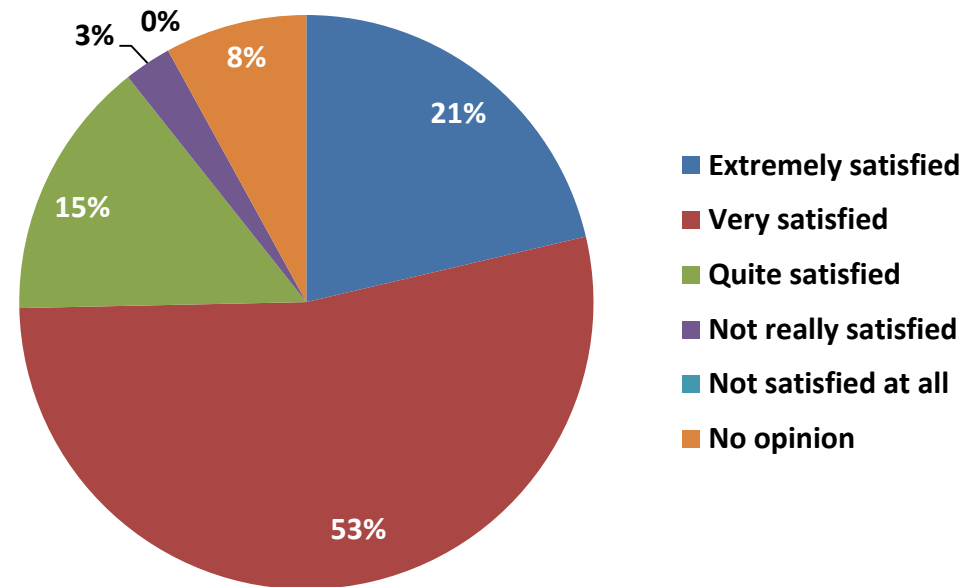
Data from 75 responses

# OPINION OF FRENCH PIS ABOUT FRENCH EMBASSY HELP 2005-2019 (DATA FROM THE SURVEY)



Data from 74 responses

# OPINION OF FRENCH PIS ABOUT ADMINISTRATIVE MANAGEMENT 2005-2019 (DATA FROM THE SURVEY)



Data from 75 responses

# GENERAL OPINION OF FRENCH PIS ON THE PROGRAM 2005-2019

## POSITIVE COMMENTS



Strengths of this program	Number of occurrences (out of 401)	% of funded projects
Simplicity of the project application process	57	76%
Fostering researchers' mobility	57	76%
Fostering an international research cooperation	49	65%
Fostering exchanges enabling scientific production	39	52%
Fostering the training of the young researchers	34	45%
Helping to know the partner country	30	40%
Easy implementation (administrative flexibility)	29	39%
Financial autonomy towards your institution	21	28%
Sufficient financial means for the mobility costs	17	23%
Good scientific-added value on financial investment	15	20%
Sufficient amount of mobility time given to collaborate	14	19%
Helpful to initiate other fundraising	12	16%
Sufficiently long duration of the projects	11	15%
Transparency of the selection process	5	7%
Flexibility of the program for actions co-financed with the Romanian partner	5	7%
Timetable for implementation	5	7%
Other	1	1%
<i>Total number of occurrences</i>	401	

# GENERAL OPINION OF FRENCH PIS ON THE PROGRAM 2005-2019

## NEGATIVE COMMENTS



Weaknesses of this program	Number of occurrences (out of xx)	% of funded projects
Insufficient financial means to cover a project	54	72%
Length of support too short	28	37%
Difficult to continue the cooperation	26	35%
Lack of transparency in the selection process	23	31%
Too short duration of mobilities	16	21%
Financial means insufficient for the expenditure of mobility (transport)	15	20%
Financial means insufficient for the expenditure of mobility (per diem)	15	20%
Insufficient communication on the evaluation's results	11	15%
Too low number of mobilities	11	15%
Heaviness of the process of applications	9	12%
Administrative heaviness of the missions management	7	9%
Flexibility of the program for actions co-financed with the partner	2	3%
Timetable for implementation	2	3%
Financial autonomy towards your institution	1	1%
Too long duration of mobilities	0	0%
Other	4	5%
<i>Total number of occurrences</i>	224	



# PRELIMINARY CONCLUSIONS

**Preliminary conclusions suggest that the funding scheme has efficiently contributed to create (or to maintain) fruitful and long-term cooperation.**

**Implication of young researchers candidates (24%) close to the general mean (23%)**

**Implication of women laureates (28%) better than the general mean (25%)**

**88% of funded projects with the participation of at least one french or romanian young researcher**

**81% of the projects with at least one scientific coproduction**

**Average annual scientific coproductions per project better than the average of the other programs (1,4 vs 0,96)**

**Correct rate of annual average publications for young researchers involved in the scientific coproductions (French young researchers : 0,68 ; Romanian young researchers : 1,34)**

**Continuation of the cooperation (84%) close to the general mean (81%) (but only 26% with new fundings versus 34% for the general mean)**



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**Only 33% of new cooperations**

**81% of the cooperations with the same previous romanian partner**

**Only 56% of french and romanian young researchers involved in the scientific coproductions**

**Rather low implication of young researchers in the mobilities**



# PRELIMINARY RECOMMANDATIONS

- **Encourage new cooperations (only 33% of new cooperations)**
- **Increase the association of young researchers to the scientific coproductions (only 56% of the young researchers participating to the projects are also implicated in the coproductions)**
- **Promote outgoing mobilities of french young researchers (only 28% of the outgoing mobilities) and incoming mobilities for romanian young researchers (only 37% of the incoming mobilities)**



**French national ministries (MESR / MEAE) will provide a complete analysis of the survey. It will be sent to the recipients of the funding who participated in this survey and attendants to this symposium.**

## CONTACTS

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**luc.francois@recherche.gouv.fr**



**MINISTÈRE  
DE L'ENSEIGNEMENT  
SUPÉRIEUR  
ET DE LA RECHERCHE**

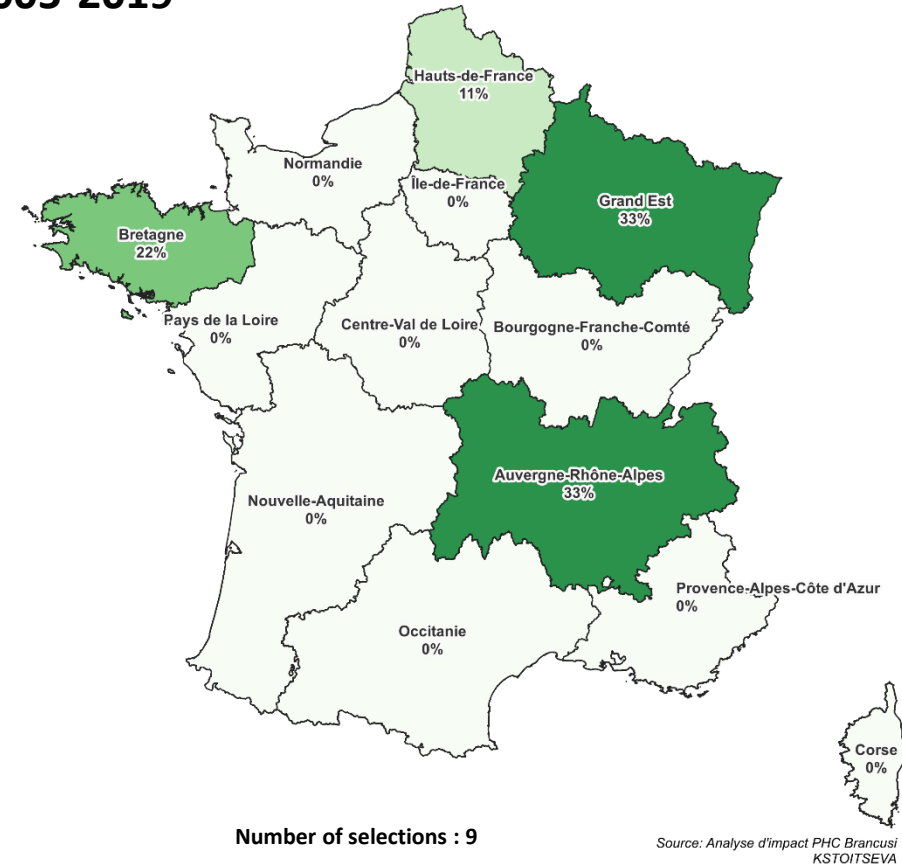
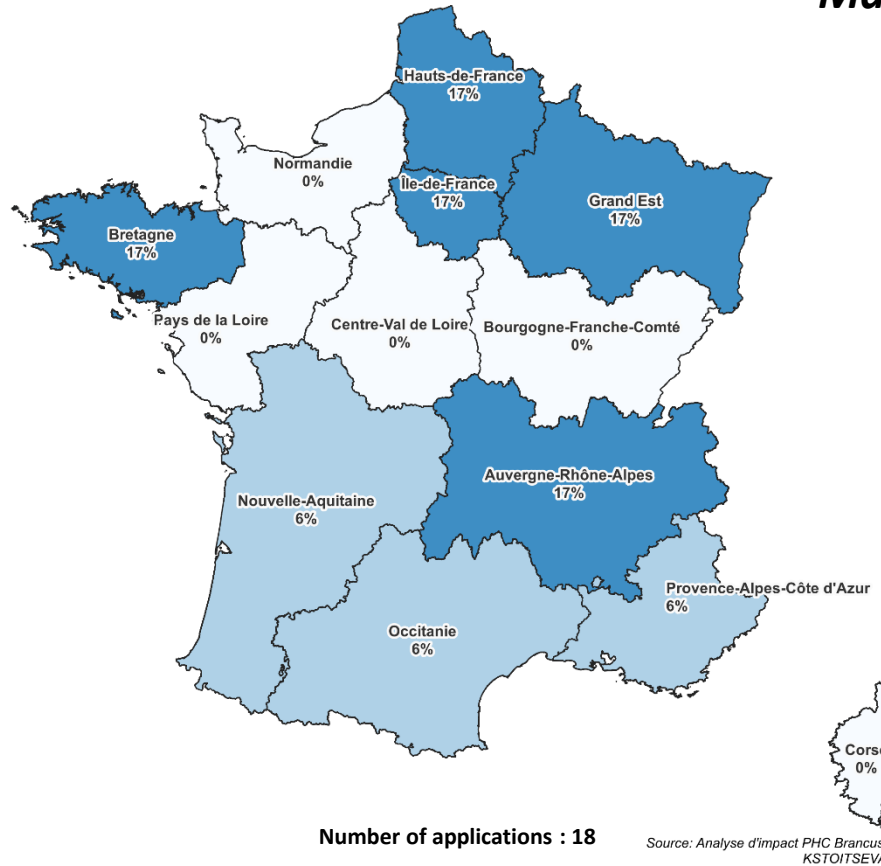
*Liberté  
Égalité  
Fraternité*

# **ANNEX REGIONALISATION AND SCIENTIFIC DOMAINS (CARTOGRAPHIES)**

# REGIONAL DISTRIBUTION OF SELECTED PROJECTS 2005-2019

## PHC BRANCUSI

### Regional percentages of applications and selections *Mathematics 2005-2019*

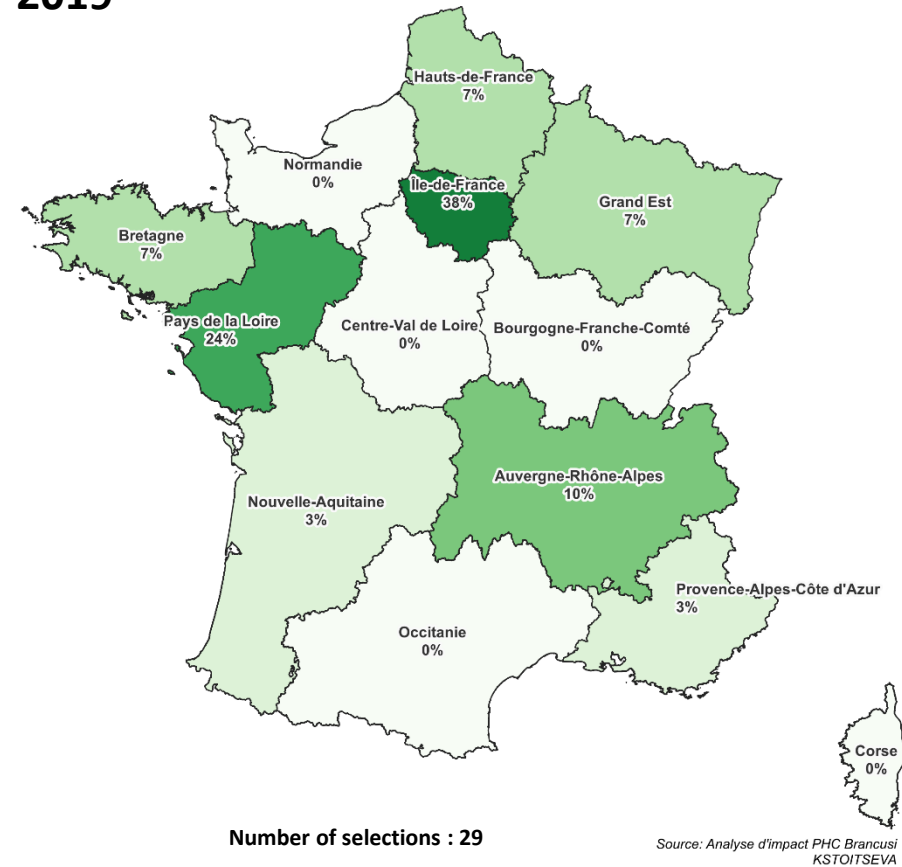
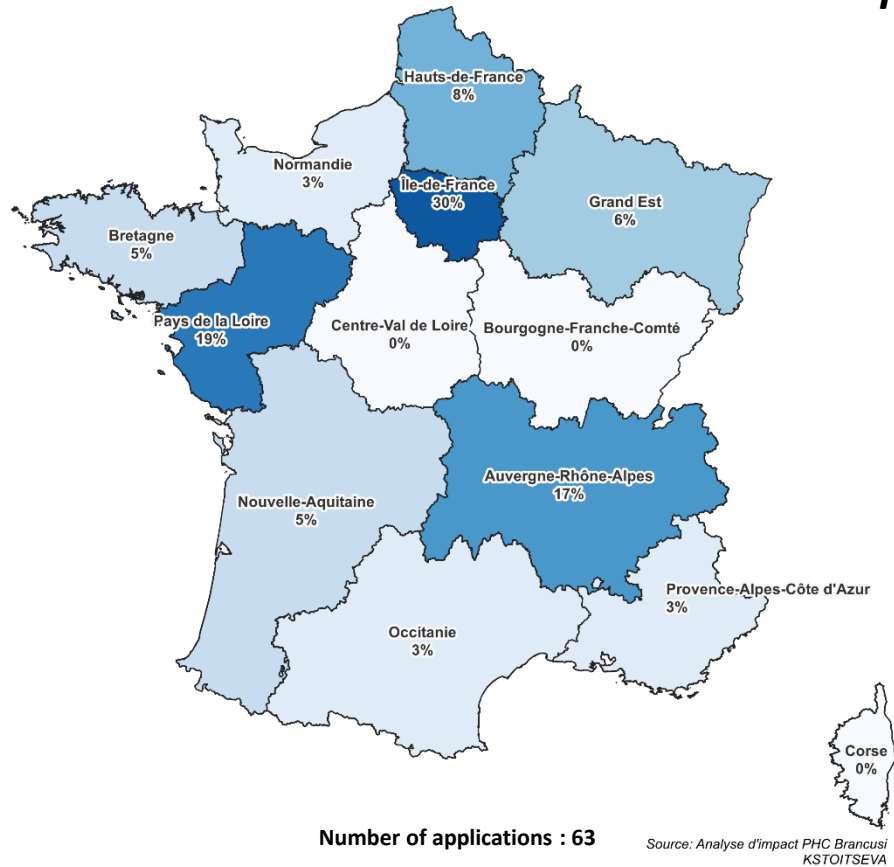


**Eight regions are concerned for applications but only four for selections**

**% OF REGIONAL APPLICATIONS/SELECTIONS FOR EACH SCIENTIFIC DOMAIN AS COMPARED TO THE TOTAL NUMBER OF APPLICATIONS/SELECTIONS IN THE SCIENTIFIC DOMAIN**

# REGIONAL DISTRIBUTION OF SELECTED PROJECTS 2005-2019

## PHC BRANCUSI Regional percentages of applications and selections *Physics 2005-2019*

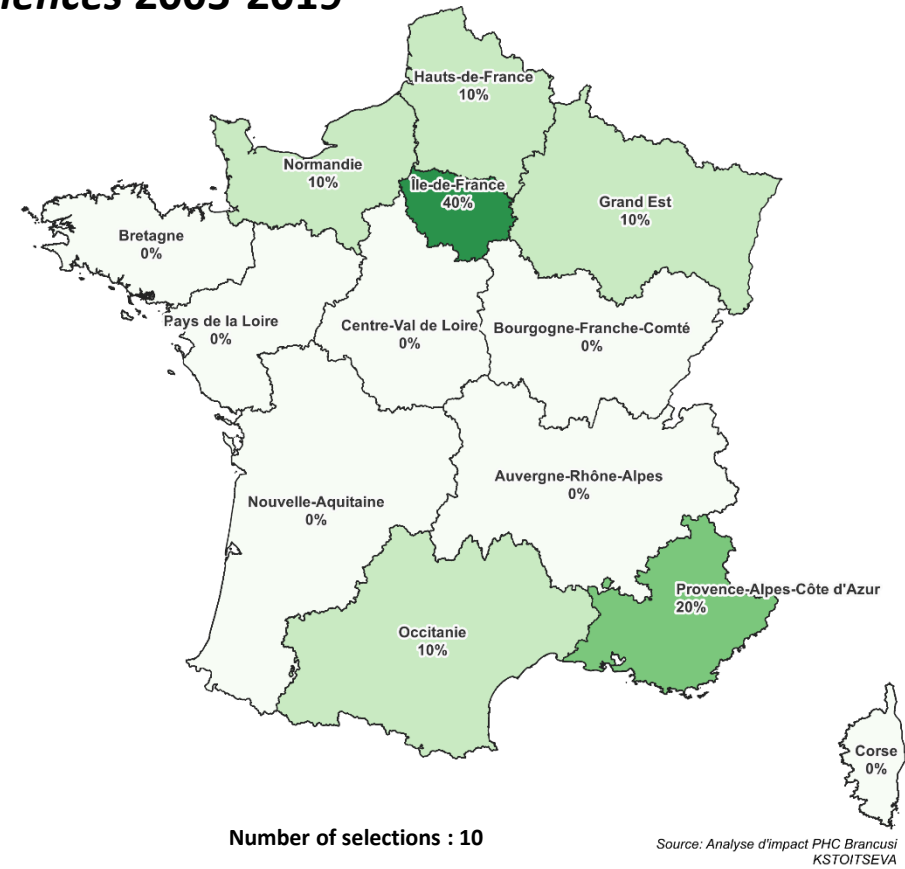
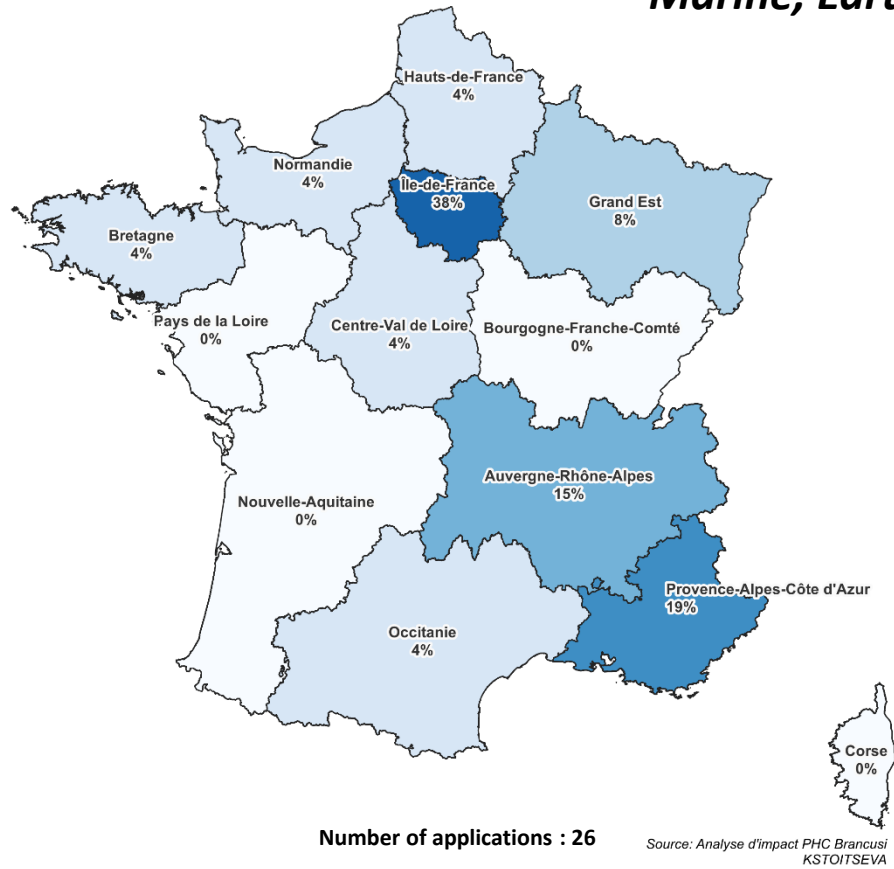


Ten regions are concerned for applications with Ile-de-France ahead but only eight benefit selections (with Ile-de-France still ahead)

**% OF REGIONAL APPLICATIONS/SELECTIONS FOR EACH SCIENTIFIC DOMAIN AS COMPARED TO THE TOTAL NUMBER OF APPLICATIONS/SELECTIONS IN THE SCIENTIFIC DOMAIN**

# REGIONAL DISTRIBUTION OF SELECTED PROJECTS 2005-2019

## PHC BRANCUSI Regional percentages of applications and selections *Marine, Earth, Planet Sciences 2005-2019*

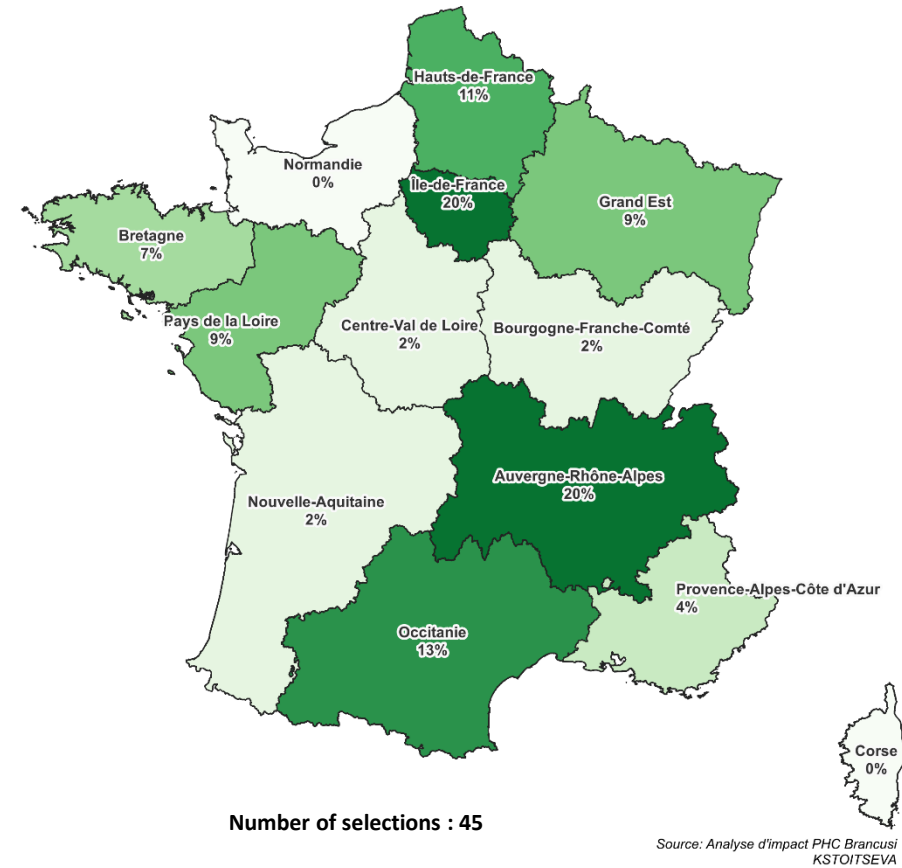
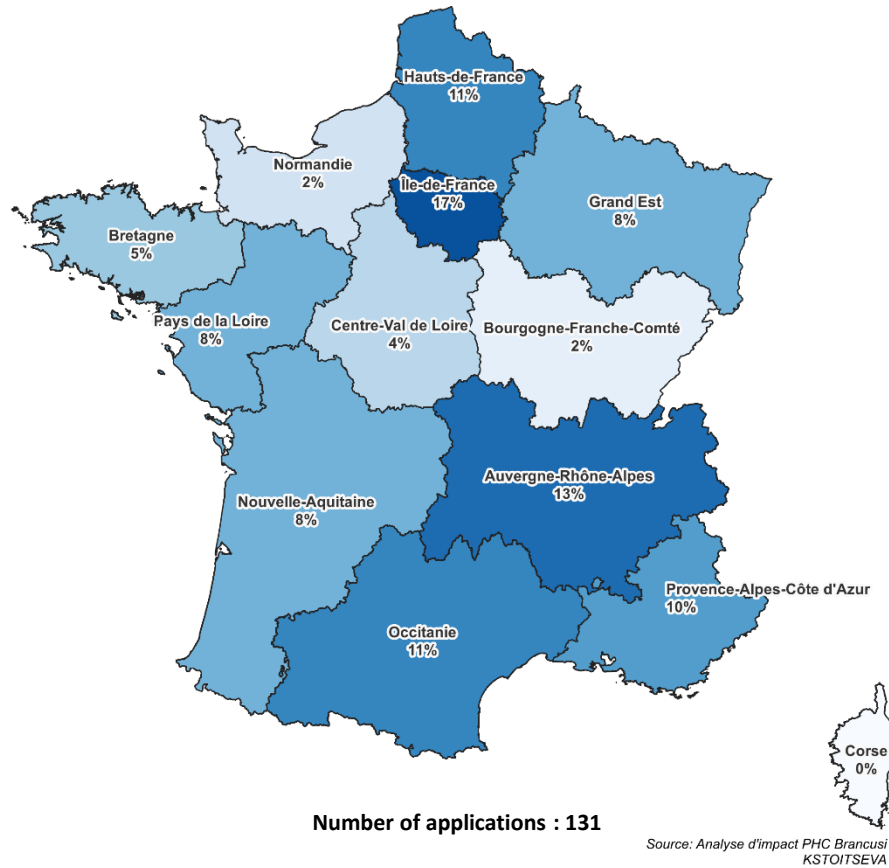


**Nine regions are concerned for applications with Ile-de-France ahead but only six benefit selections (with Ile-de-France still ahead)**

**% OF REGIONAL APPLICATIONS/SELECTIONS FOR EACH SCIENTIFIC DOMAIN AS COMPARED TO THE TOTAL NUMBER OF APPLICATIONS/SELECTIONS IN THE SCIENTIFIC DOMAIN**

# REGIONAL DISTRIBUTION OF SELECTED PROJECTS 2005-2019

## PHC BRANCUSI Regional percentages of applications and selections *Chemistry 2005-2019*



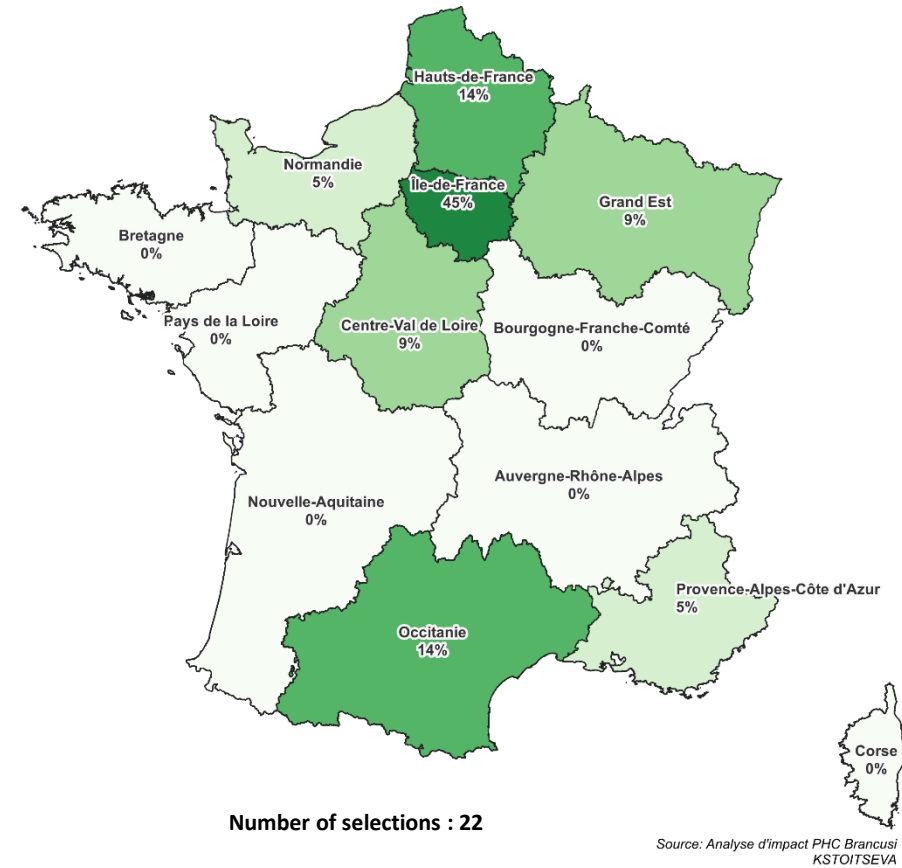
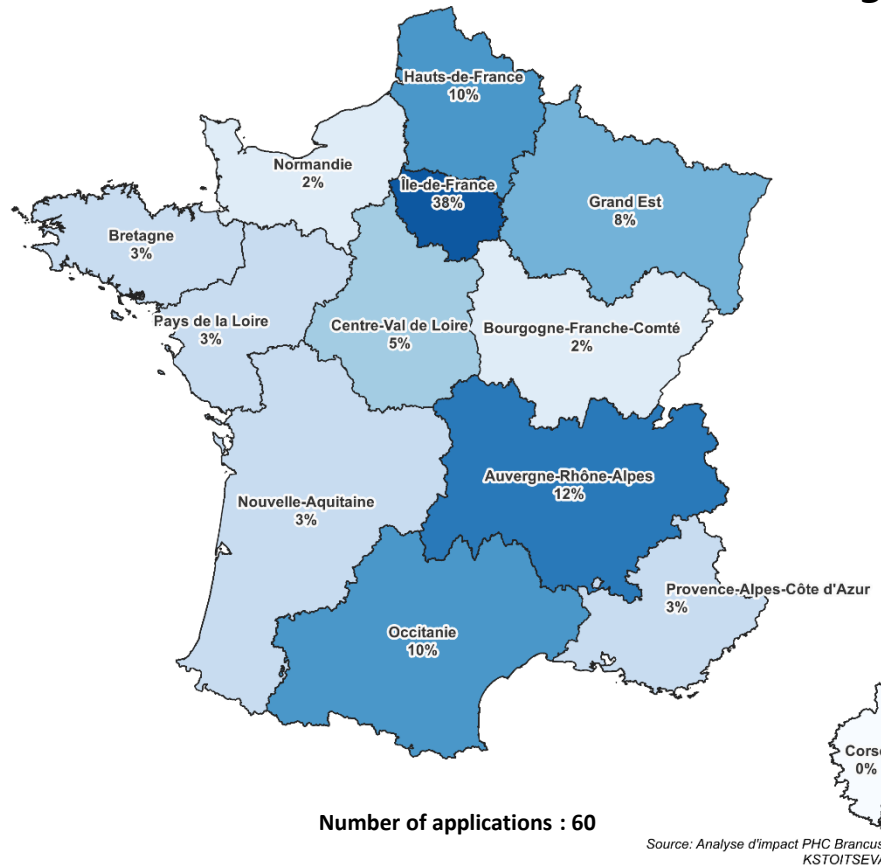
Twelve regions are concerned for applications with Hauts de France ahead. Ile-de-France and Auvergne-Rhône-Alpes are equally ahead for selections

**% OF REGIONAL APPLICATIONS/SELECTIONS FOR EACH SCIENTIFIC DOMAIN AS COMPARED TO THE TOTAL NUMBER OF APPLICATIONS/SELECTIONS IN THE SCIENTIFIC DOMAIN**



# REGIONAL DISTRIBUTION OF SELECTED PROJECTS 2005-2019

## PHC BRANCUSI Regional percentages of applications and selections *Biology and Health 2005-2019*

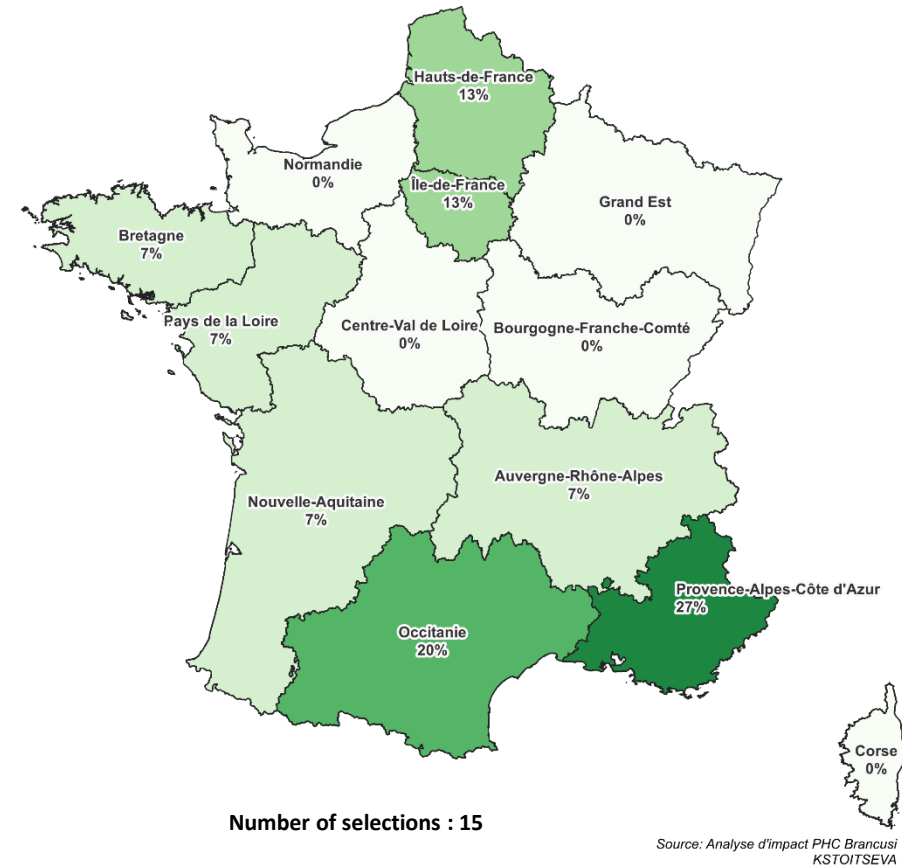
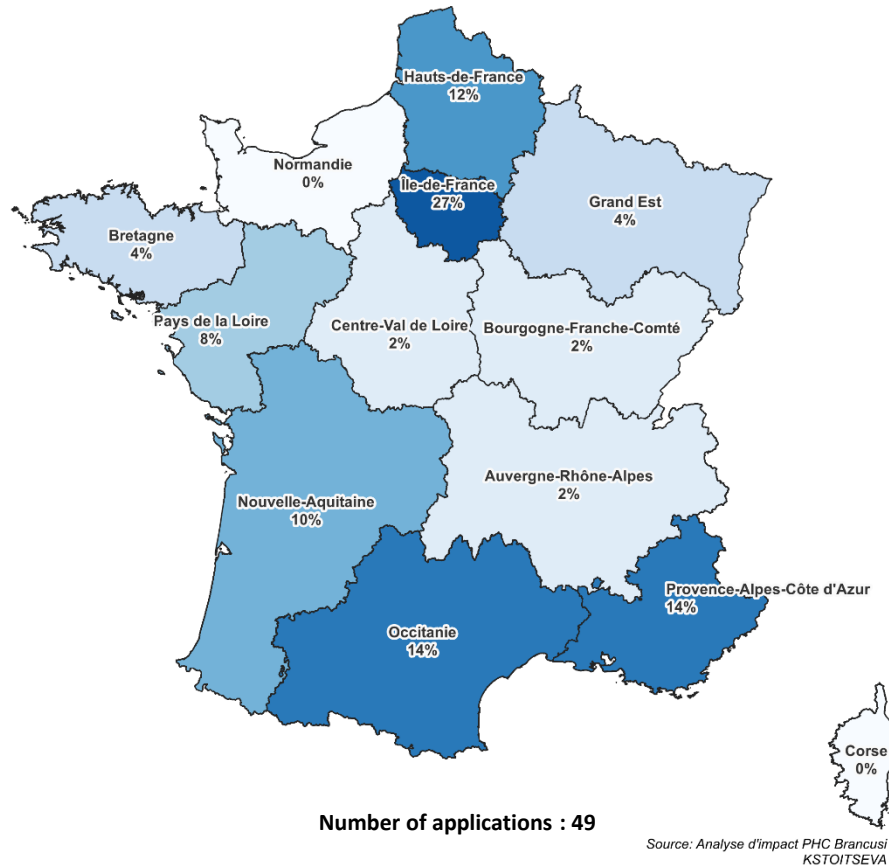


Eleven regions are concerned for applications with Ile-de-France ahead but only seven benefit selections (with Ile-de-France still ahead)

**% OF REGIONAL APPLICATIONS/SELECTIONS FOR EACH SCIENTIFIC DOMAIN AS COMPARED TO THE TOTAL NUMBER OF APPLICATIONS/SELECTIONS IN THE SCIENTIFIC DOMAIN**

# REGIONAL DISTRIBUTION OF SELECTED PROJECTS 2005-2019

## PHC BRANCUSI Regional percentages of applications and selections *Humanities 2005-2019*

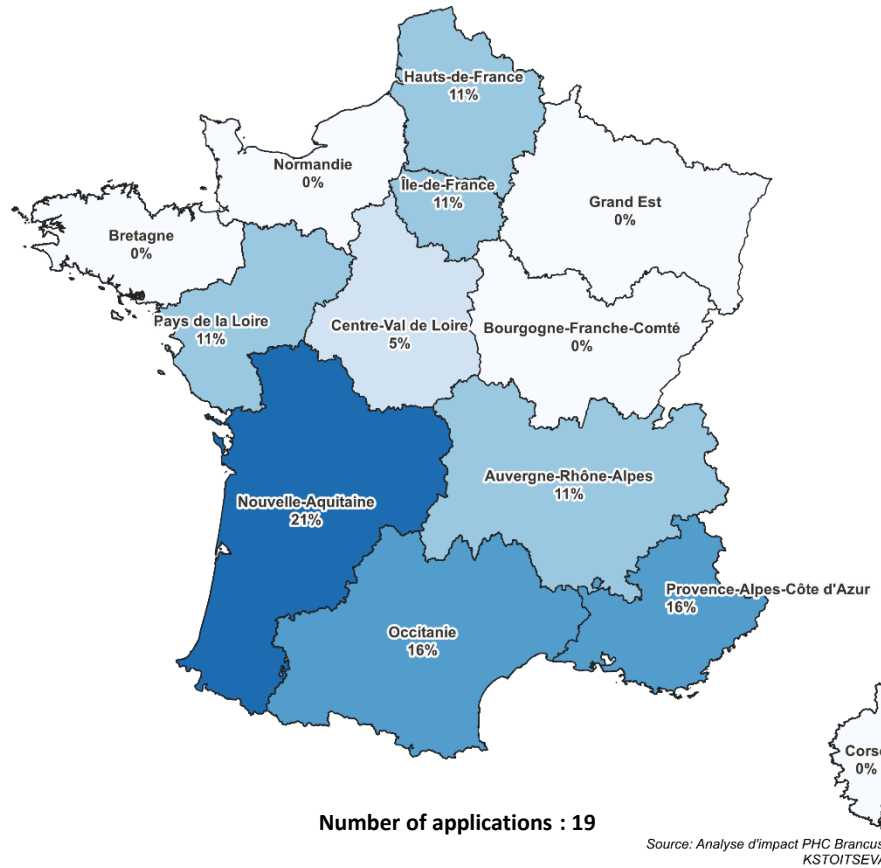


Eleven regions are concerned for applications with Ile-de-France ahead but only eight benefit selections (with Provence-Alpes-Côte d'Azur ahead)

**% OF REGIONAL APPLICATIONS/SELECTIONS FOR EACH SCIENTIFIC DOMAIN AS COMPARED TO THE TOTAL NUMBER OF APPLICATIONS/SELECTIONS IN THE SCIENTIFIC DOMAIN**

# REGIONAL DISTRIBUTION OF SELECTED PROJECTS 2005-2019

## PHC BRANCUSI Regional percentages of applications and selections *Social Sciences 2005-2019*

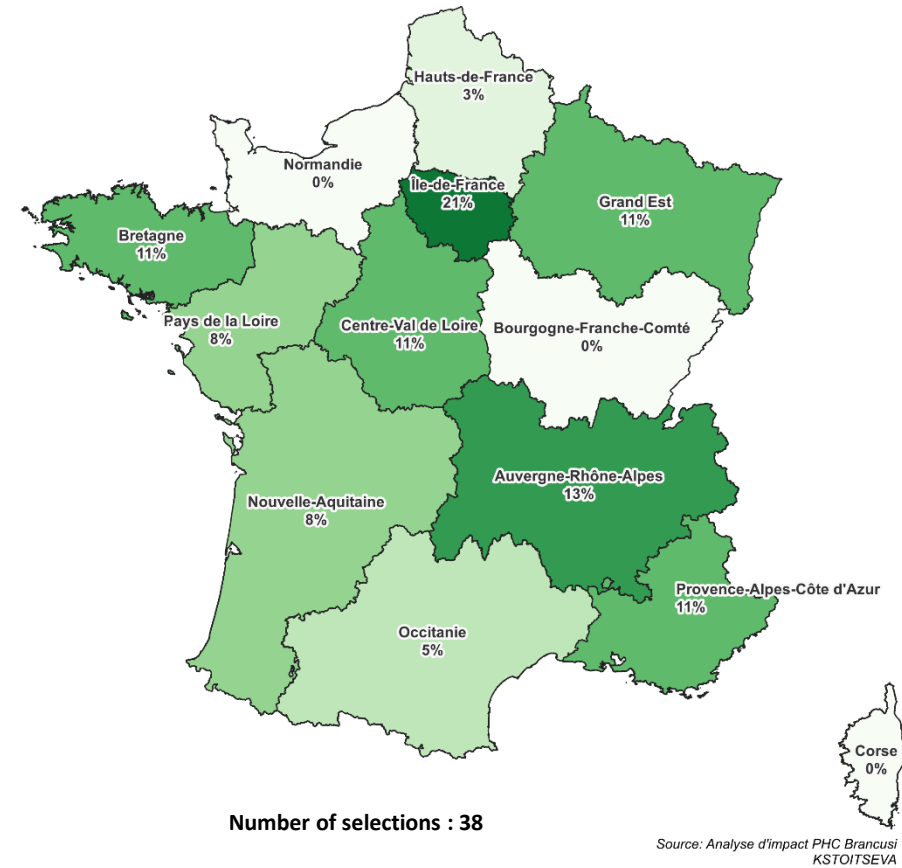
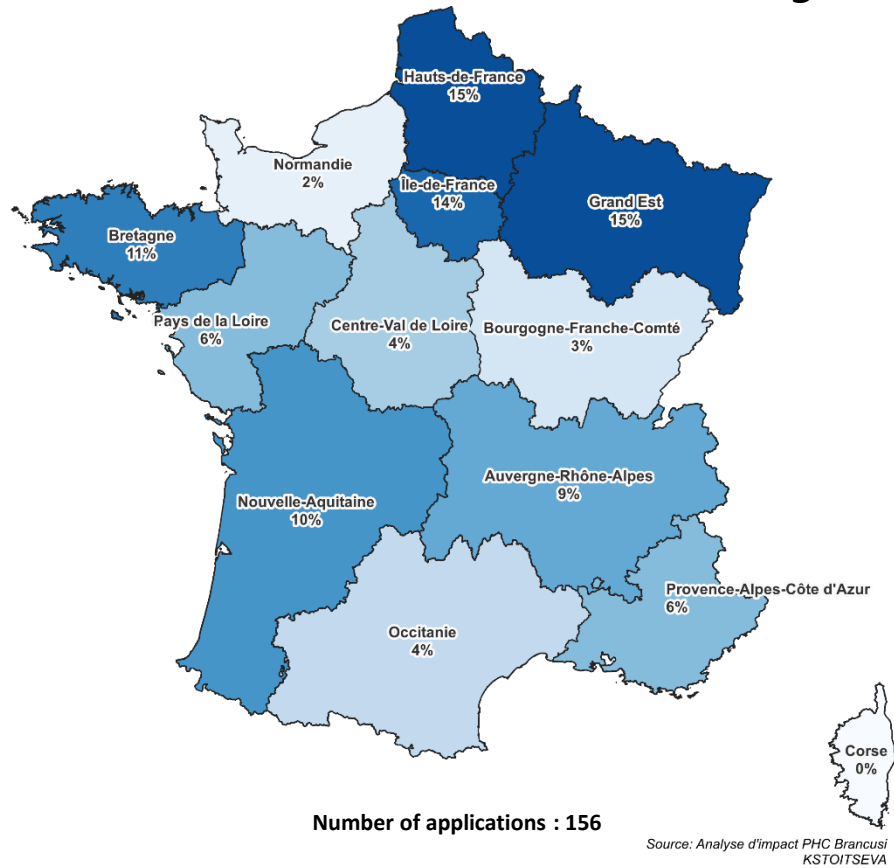


Eight regions are concerned for applications with Nouvelle-Aquitaine ahead but only Ile-de-France benefits 1 selection

**% OF REGIONAL APPLICATIONS/SELECTIONS FOR EACH SCIENTIFIC DOMAIN AS COMPARED TO THE TOTAL NUMBER OF APPLICATIONS/SELECTIONS IN THE SCIENTIFIC DOMAIN**

# REGIONAL DISTRIBUTION OF SELECTED PROJECTS 2005-2019

## PHC BRANCUSI Regional percentages of applications and selections *Engineering Sciences 2005-2019*

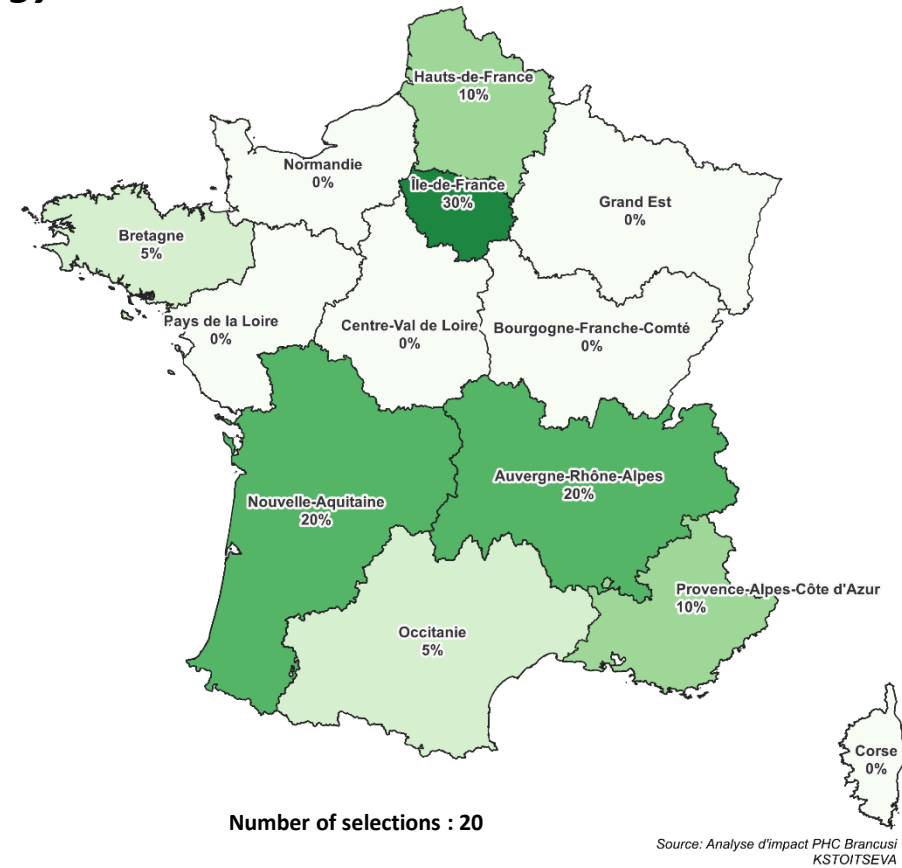
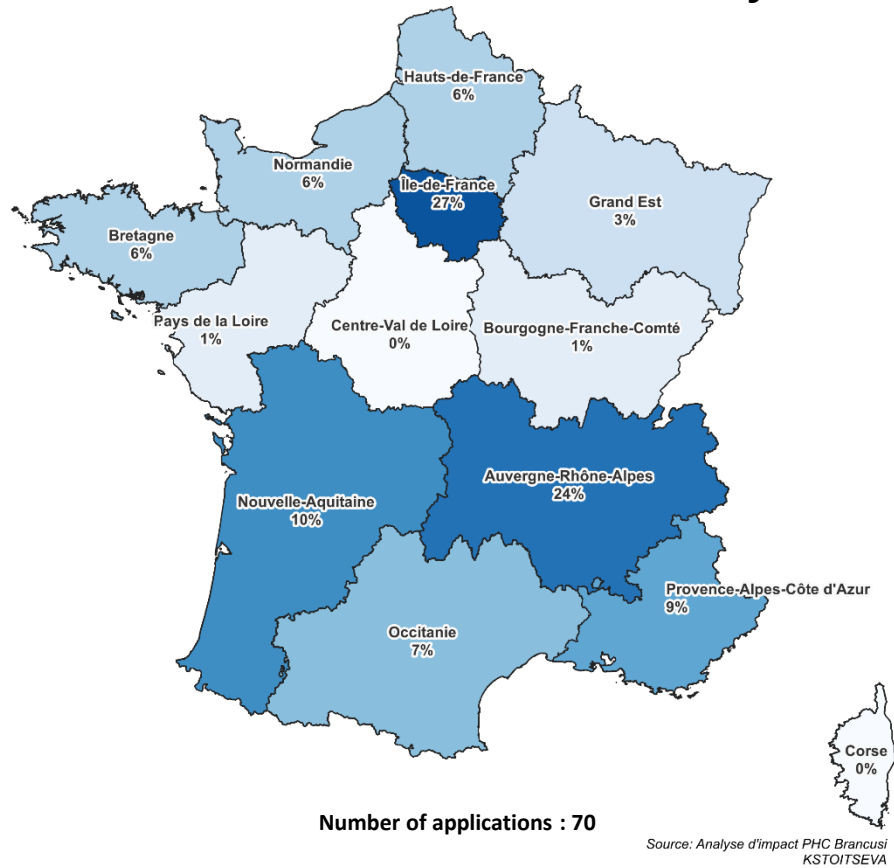


Twelve regions are concerned for applications with Grand Est and Hauts de France ahead. 10 regions benefit selections (with Ile-de-France ahead)

**% OF REGIONAL APPLICATIONS/SELECTIONS FOR EACH SCIENTIFIC DOMAIN AS COMPARED TO THE TOTAL NUMBER OF APPLICATIONS/SELECTIONS IN THE SCIENTIFIC DOMAIN**

# REGIONAL DISTRIBUTION OF SELECTED PROJECTS 2005-2019

## PHC BRANCUSI Regional percentages of applications and selections *Information technology 2005-2019*

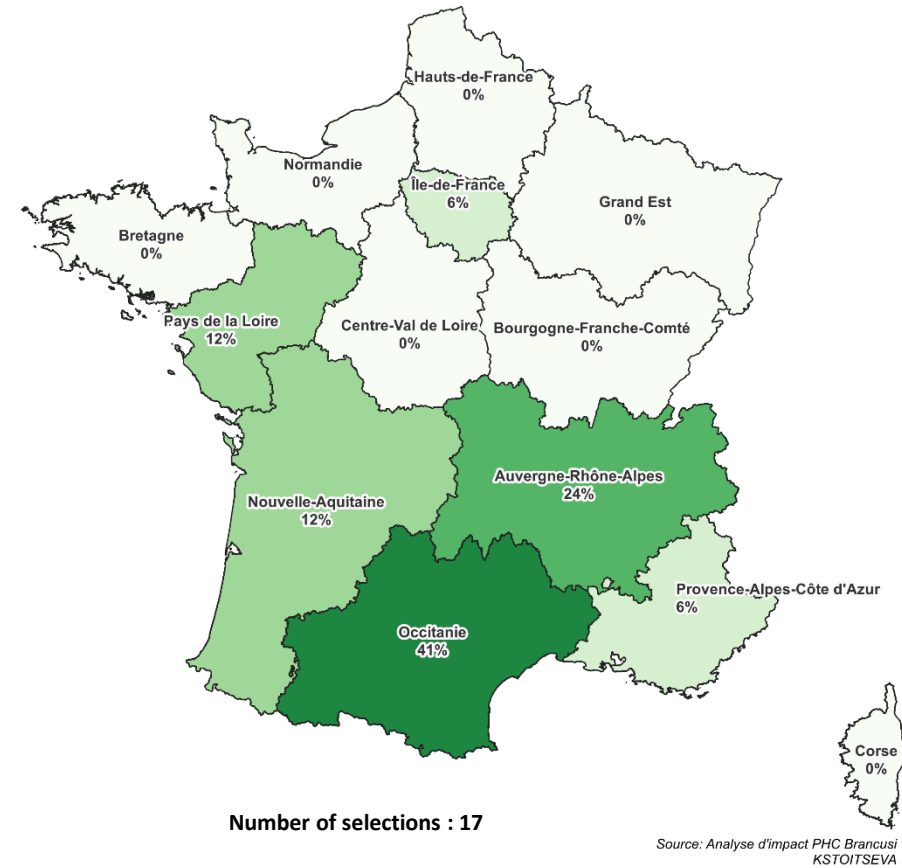
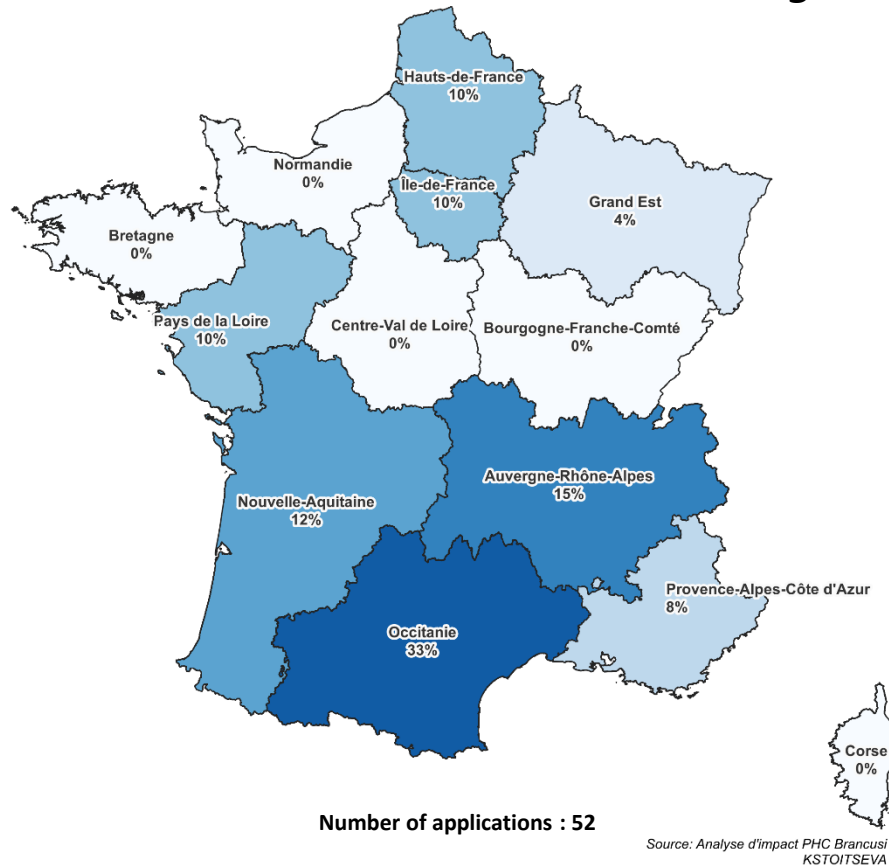


Eleven regions are concerned for applications with Ile-de-France ahead. Only seven benefit selections (with Ile-de-France still ahead)

**% OF REGIONAL APPLICATIONS/SELECTIONS FOR EACH SCIENTIFIC DOMAIN AS COMPARED TO THE TOTAL NUMBER OF APPLICATIONS/SELECTIONS IN THE SCIENTIFIC DOMAIN**

# REGIONAL DISTRIBUTION OF SELECTED PROJECTS 2005-2019

## PHC BRANCUSI Regional percentages of applications and selections *Agronomy/Ecology 2005-2019*



Eight regions are concerned for selections with Occitanie ahead. Only six benefit selections (with Occitanie largely ahead)

**% OF REGIONAL APPLICATIONS/SELECTIONS FOR EACH SCIENTIFIC DOMAIN AS COMPARED TO THE TOTAL NUMBER OF APPLICATIONS/SELECTIONS IN THE SCIENTIFIC DOMAIN**