



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

*Liberté  
Égalité  
Fraternité*

# **FRANCE – BRAZIL CAPES-COFECUB - 45th ANNIVERSARY**

## **Scientific impact of the programme (2003-2023)**

### **MESR-DAEI / MEAE**

## **2023**

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

# GENERAL PRESENTATION OF THE PROGRAMME

**Creation : 1979**

**The purpose of this program** is to start or develop the scientific cooperation and the relations between the research centres and the universities of the two countries, through the support for research joint projects of excellence, implying the mobility of researchers by giving a priority to the formation on the levels doctoral and post-doctoral.

**Total budget (France + Brazil) : around 900 000 € /year during 4 years**

>> including budget from the French part : 450 000 € /year

>> including budget from the Brazilian part : 450 000 € /year

Average budget per project (France + Brazil) : 36 000 € /year

**Number of new projects per year : around 25**

**From 2010-2023 :**

**1379 applications submitted**

**355 projects funded**

# DATA SOURCES

## Campus France and CAPES-COFECUB committee

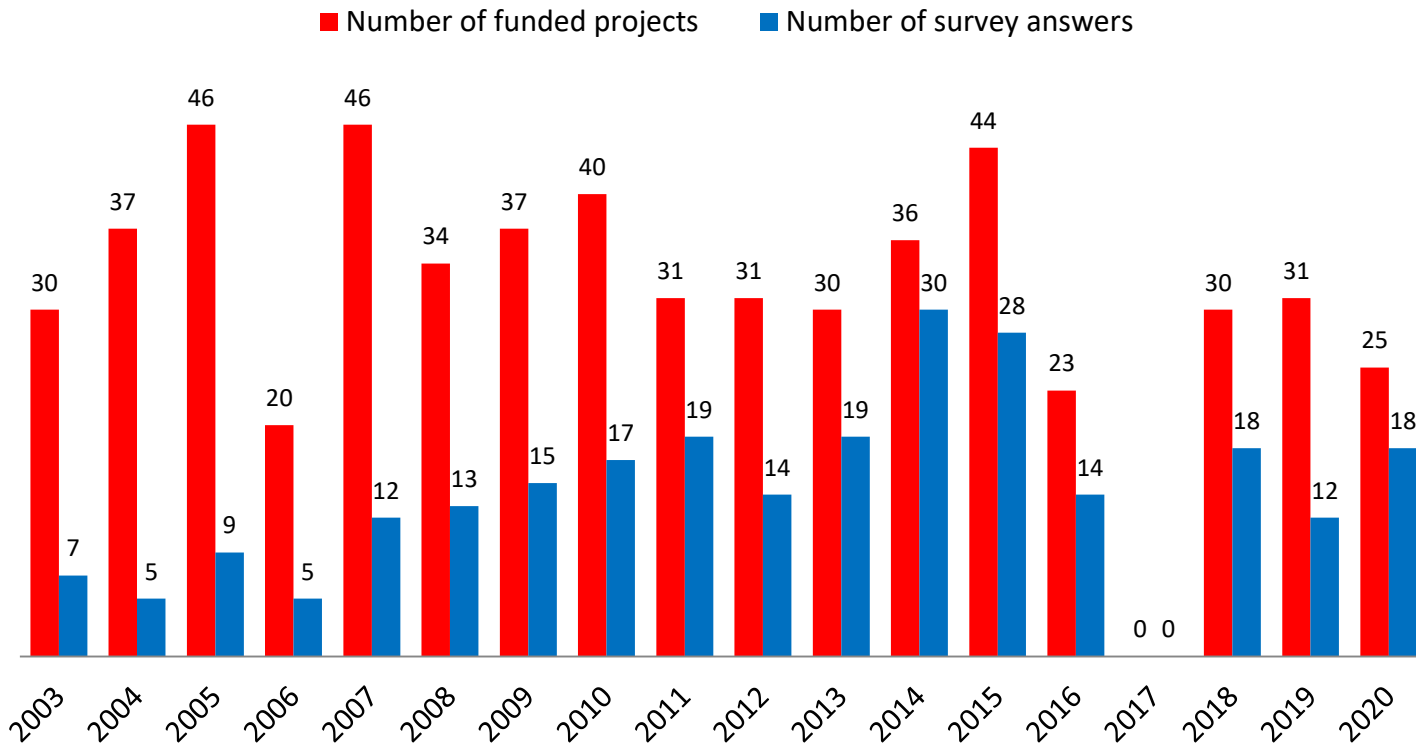
- Information about the CAPES programme applications from 2010 to 2023
- List of mobilities (from France to Brazil and Brazil to France) from 2010 to 2022

## **Survey** *(conducted by the French Ministry of Higher Education and Research and the French Ministry for Europe and Foreign Affairs)*

- Target : Principal Investigators of selected projects between 2003 and 2022
- Survey 1 duration : **January and March 2019**
- Survey 2 duration : **October and November 2023**
- **45%** response ratio *(254 respondents for 564 funded projects)*

# ANSWERS TO THE SURVEYS

Average response rate to the surveys : **45 % (254 answers)**





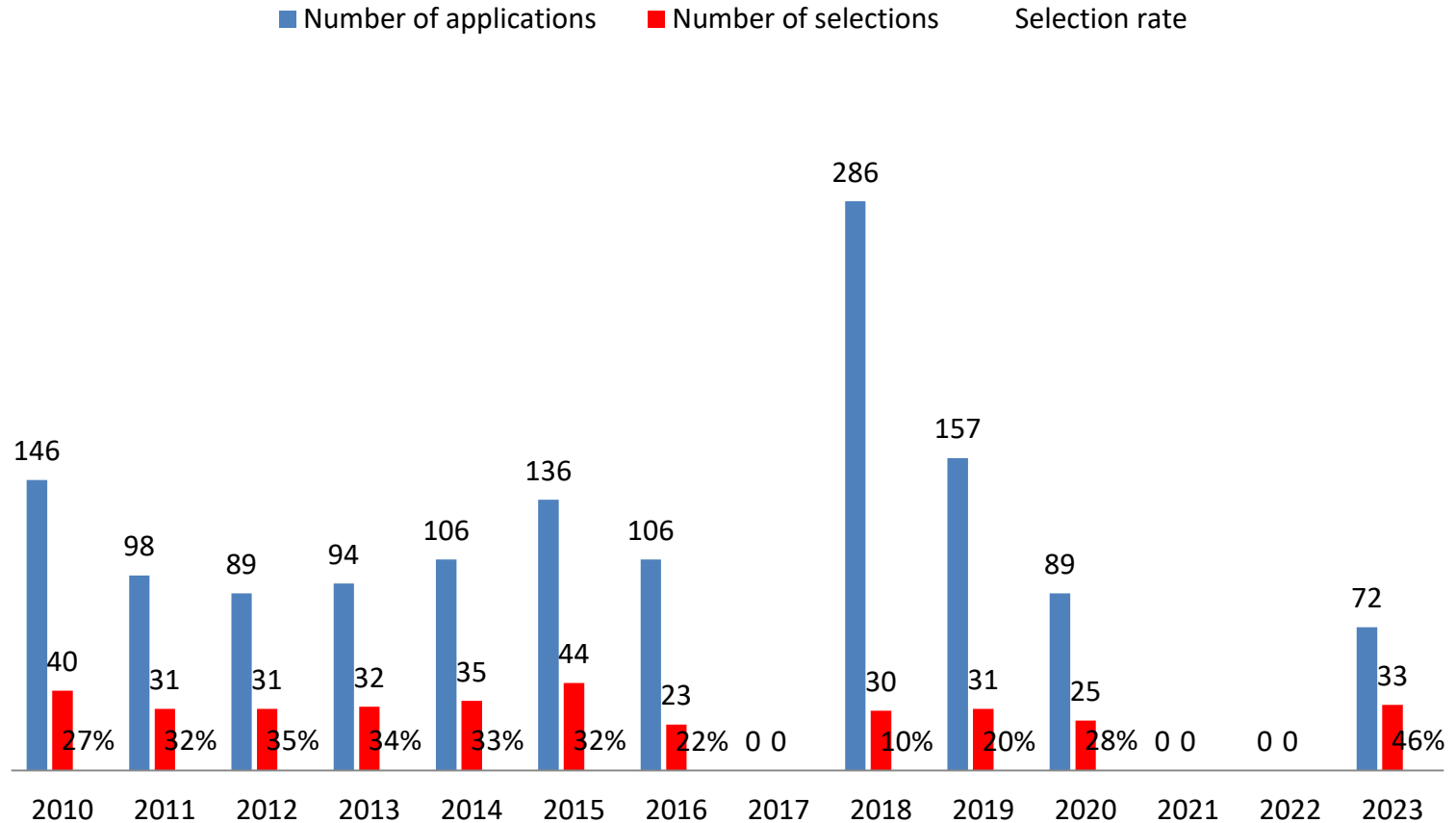
**MINISTÈRE  
DE L'ENSEIGNEMENT  
SUPÉRIEUR  
ET DE LA RECHERCHE**

*Liberté  
Égalité  
Fraternité*

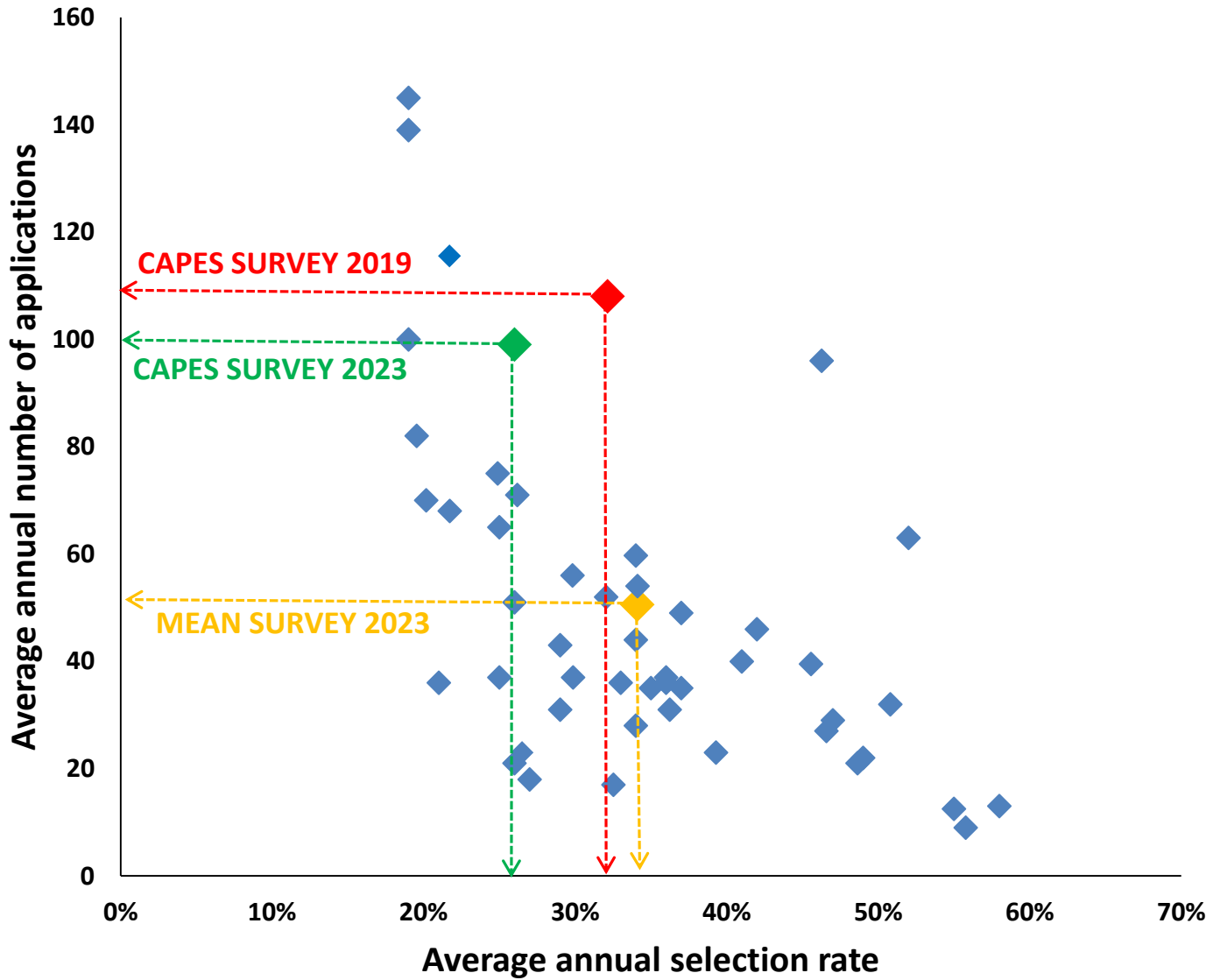
# 2003-2023 KEY POINTS

# SUCCESS RATE

Average selection rate from 2010-2023: **23 %**



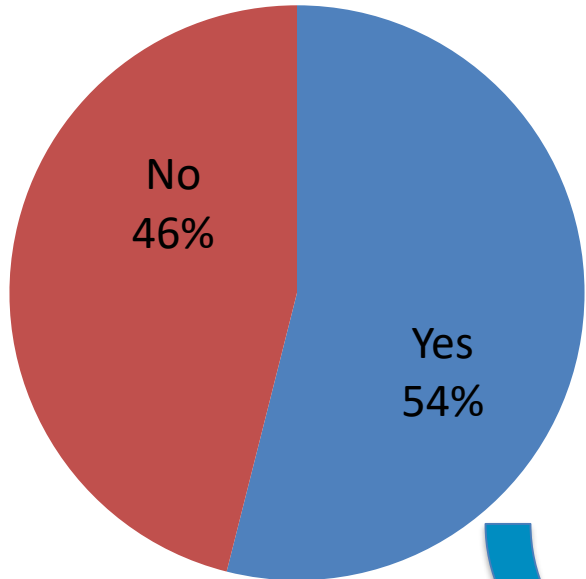
# NUMBER OF APPLICATIONS VS SELECTION RATE



Survey 2019 : 26 programmes  
Survey 2023 : 48 programmes

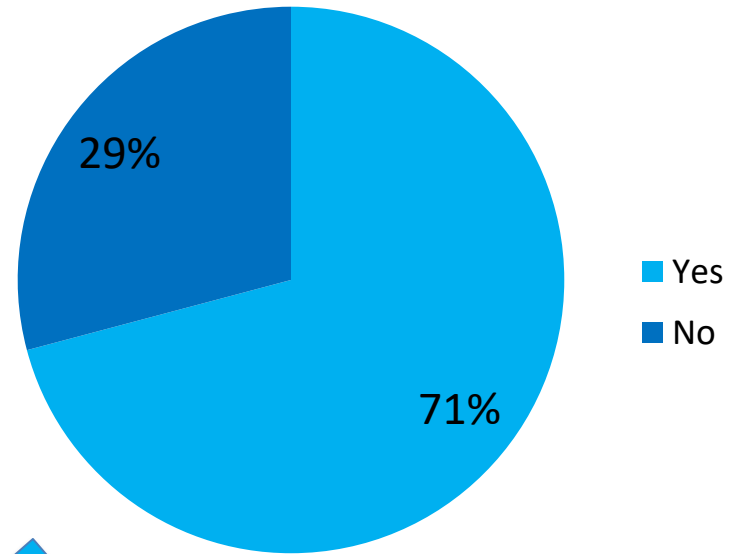
# BEFORE THE CAPES-COFECUB PROJECT (1/2)

**Previous participation to  
another funded cooperation  
program supported by France  
in Latin America**



Data from 254 responses

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



Data from 180 responses



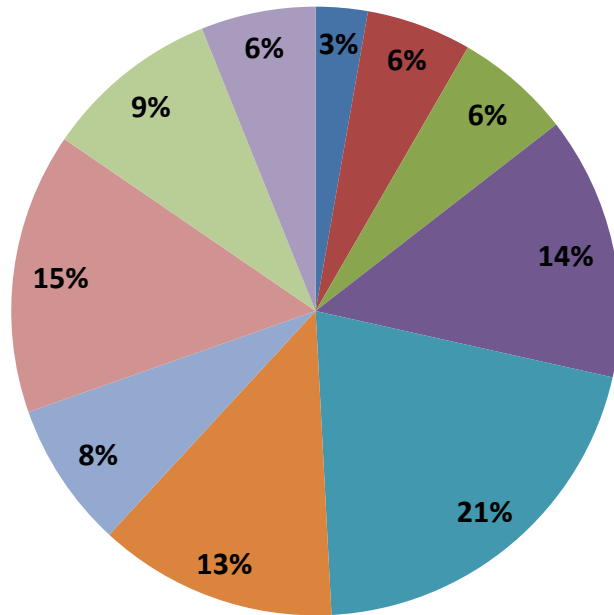
# BEFORE THE CAPES-COFECUB PROJECT (2/2)

With which scientific collaboration program ?	
CAPES-COFECUB	58%
ECOS	27%
CNRS funding	15%
INRIA funding	4%
PREFALC	4%
STIC-AMSUD	4%
FITEC	4%
INSERM funding	3%
European funding	2%
MATH-AMSUD	1%
Other	19%

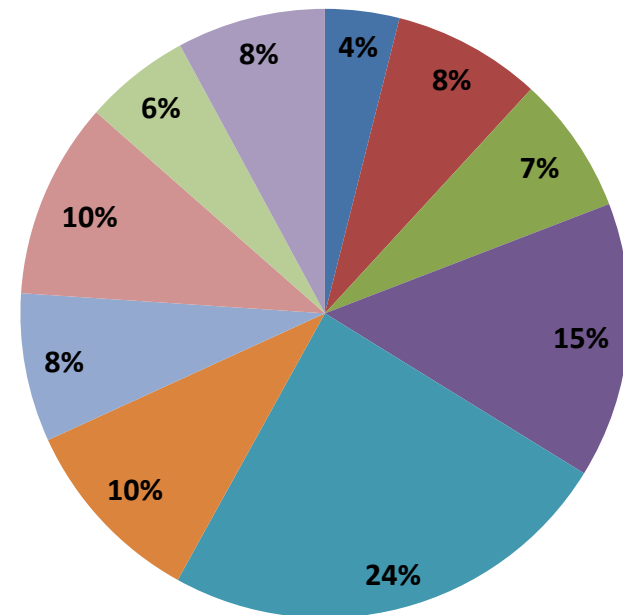
Data from 137 responses

# SCIENTIFIC DOMAINS OF PROJECTS (2010-2023)

Number of applications : **1379**



Number of funded projects : **355**

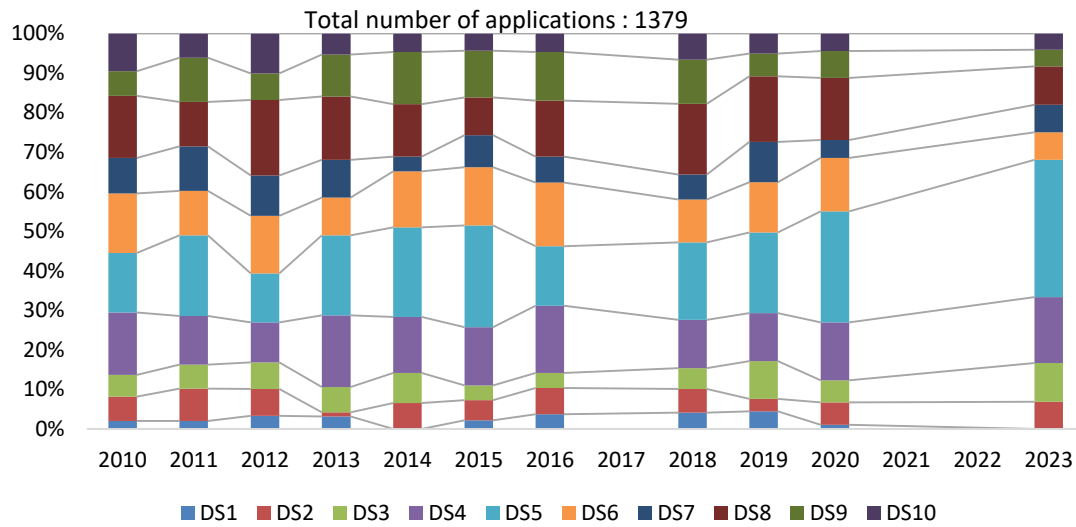


- |   |   |
|---|---|
| <span style="color: #1f77b4;">■</span> Mathematics                  | <span style="color: #d62728;">■</span> Physics              |
| <span style="color: #2ca02c;">■</span> Marine/Earth/Planet Sciences | <span style="color: #9467bd;">■</span> Chemistry            |
| <span style="color: #17becf;">■</span> Biology and Health           | <span style="color: #ff7f0e;">■</span> Humanities           |
| <span style="color: #aec7e8;">■</span> Social Sciences              | <span style="color: #d62728;">■</span> Engineering Sciences |
| <span style="color: #9467bd;">■</span> Information Technology       | <span style="color: #9467bd;">■</span> Agronomy/Ecology     |

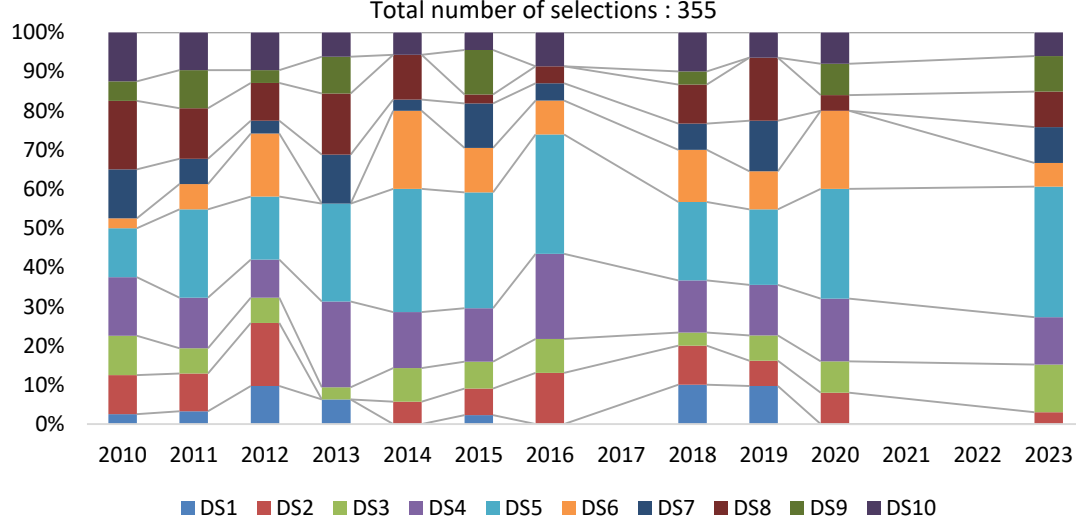
# SCIENTIFIC DOMAINS : EVOLUTION 2010-2023

- 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

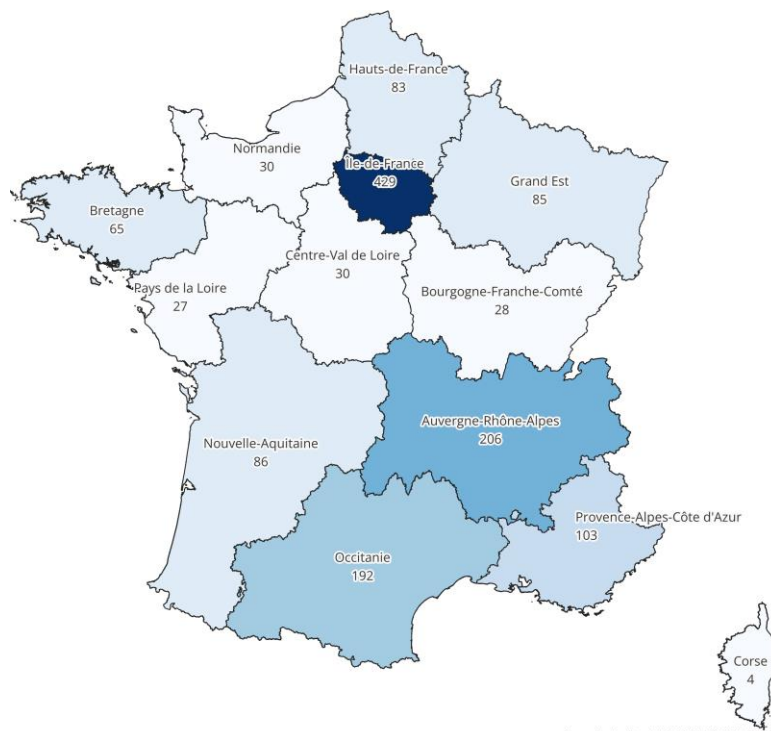


Percentage of selections filed by scientific domain each year compared to all selections filed in each scientific domain



# REGIONAL DISTRIBUTION OF SELECTED PROJECTS 2010-2023

## Programme CAPES-COFECUB, Brasil Regional numbers of applications and selections 2010-2023



Number of applications  
(all domains)

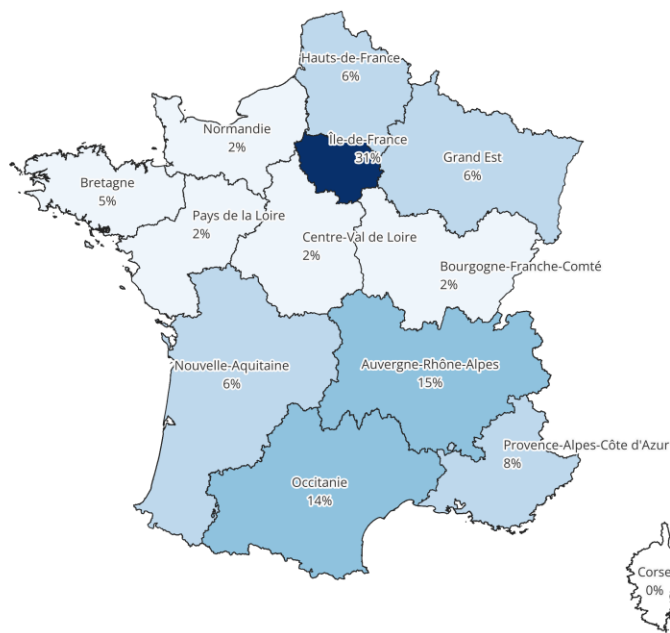


Number of selections  
(all domains)

The region Ile de France is the main contributor both for applications and selections followed by Auvergne-Rhône-Alpes  
 La Réunion : 3, Martinique : 2, Guyane 2

# REGIONAL DISTRIBUTION OF SELECTED PROJECTS 2010-2023

## Programme CAPES-COFECUB, Brasil Regional percentages of applications and selections 2010-2023



% of applications  
(all domains)

Sources: Analyse d'impact CAPES 2023, KSTOITSEVA



% of selections  
(all domains)

Sources: Analyse d'impact CAPES 2023, KSTOITSEVA

The region Ile de France is the main contributor both for applications and selections followed by Auvergne-Rhône-Alpes  
La Réunion : 0,8%, Martinique : 0,3%

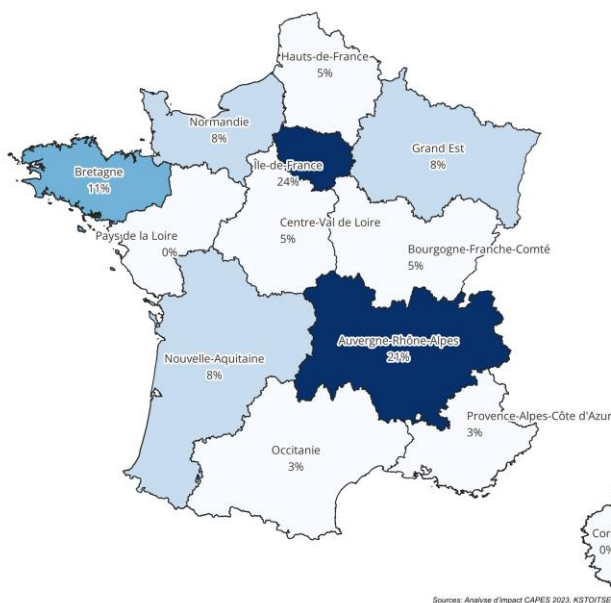
# SCIENTIFIC DOMAINS : REGIONAL DISTRIBUTION

## MATHEMATICS 2010-2023

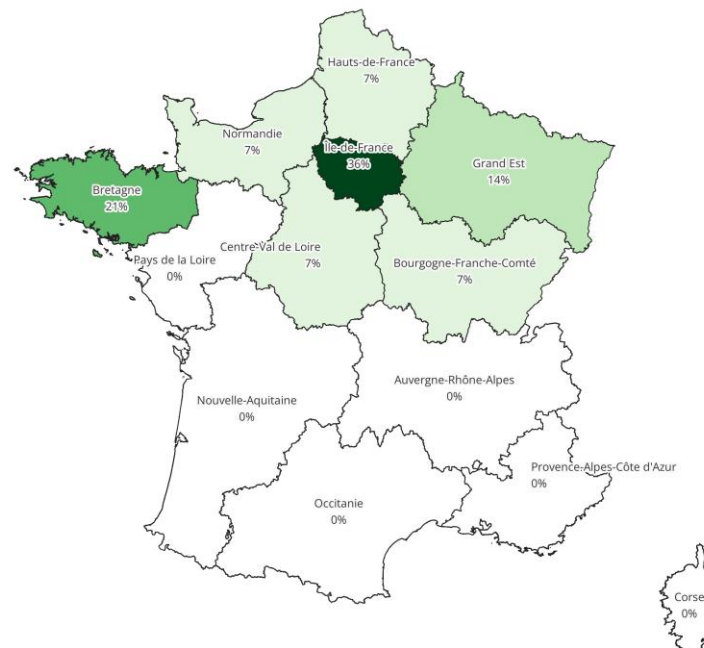
### Programme CAPES-COFECUB, Brasil

#### Regional percentages of applications and selections

#### *Mathematics 2010-2023*



% of applications  
(DS1)



% of selections  
(DS1)

**Applications : Ile-de-France, Auvergne-Rhône-Alpes, Bretagne**

**Selections : Ile-de-France, Bretagne. No selection for Auvergne-Rhône-Alpes**

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

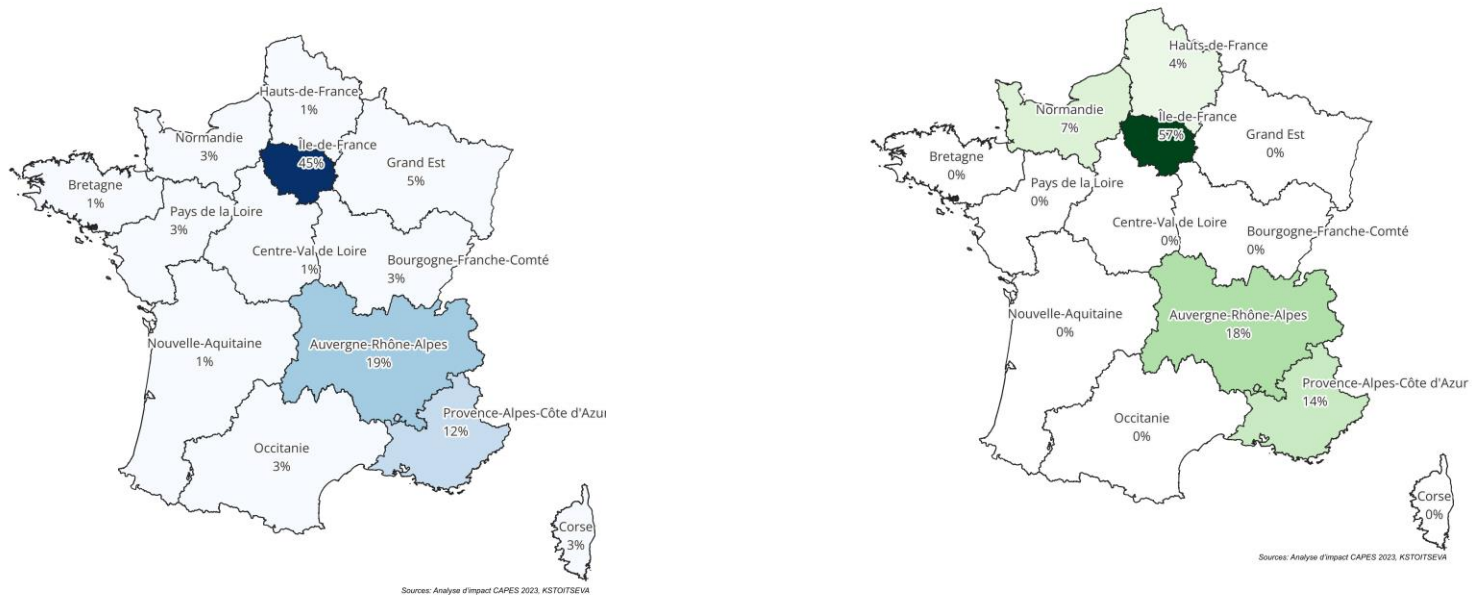
# SCIENTIFIC DOMAINS : REGIONAL DISTRIBUTION

## PHYSICS 2010-2023

### Programme CAPES-COFECUB, Brasil

#### Regional percentages of applications and selections

#### *Physics 2010-2023*



% of applications  
(DS2)

% of selections  
(DS2)

**Applications : Ile-de-France, Auvergne-Rhône-Alpes**

**Selections : essentially Ile-de-France then Auvergne-Rhône-Alpes**

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

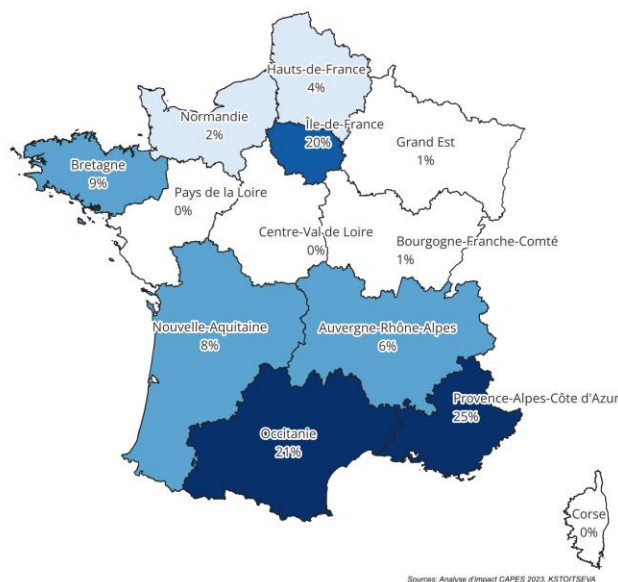
# SCIENTIFIC DOMAINS : REGIONAL DISTRIBUTION

## MARINE, EARTH, PLANET SCIENCES 2010-2023

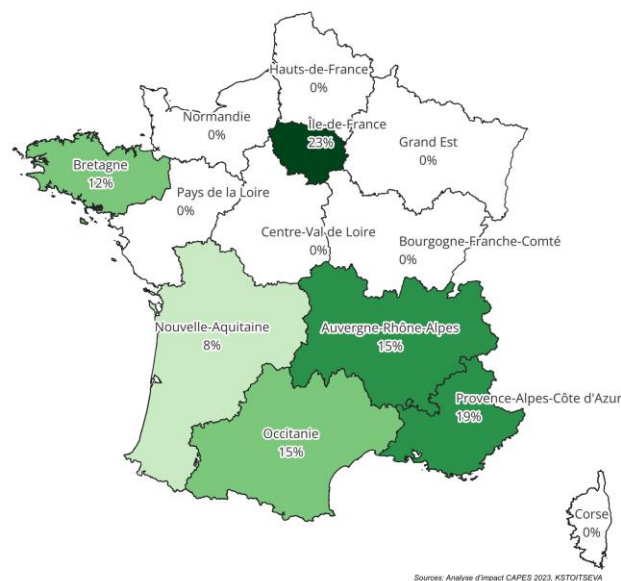
### Programme CAPES-COFECUB, Brasil

#### Regional percentages of applications and selections

#### *Marine, Earth, Planet Sciences 2010-2023*



% of applications  
(DS3)



% of selections  
(DS3)

**Applications : Provence-Alpes-Côte d'Azur, Occitanie and Ile-de-France almost equal**

**Selections : first Ile-de-France then Provence-Alpes-Côte d'Azur then Occitanie**

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



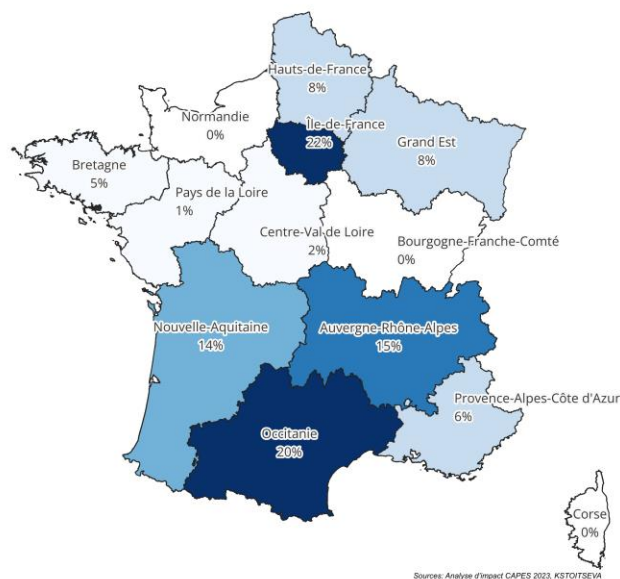
# SCIENTIFIC DOMAINS : REGIONAL DISTRIBUTION

## CHEMISTRY 2010-2023

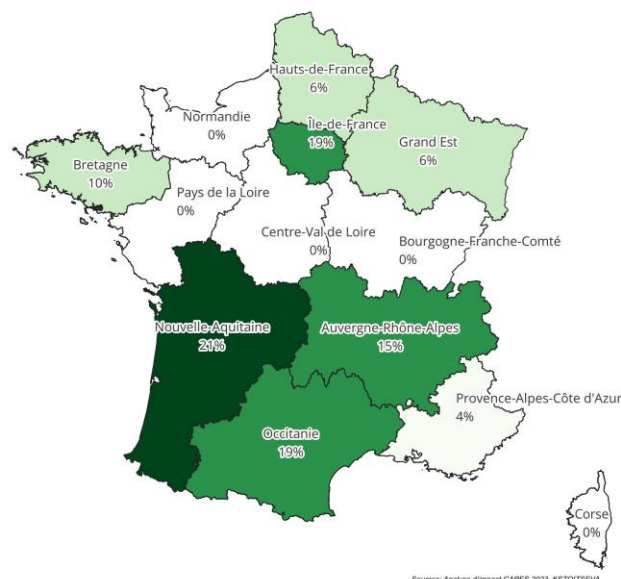
### Programme CAPES-COFECUB, Brasil

#### Regional percentages of applications and selections

#### *Chemistry 2010-2023*



% of applications  
(DS4)



% of selections  
(DS4)

**Applications : quite large geographical distribution with Ile-de-France and Occitanie ahead**

**Selections : Nouvelle Aquitaine then Occitanie but other regions are also concerned**

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

# SCIENTIFIC DOMAINS : REGIONAL DISTRIBUTION

## BIOLOGY AND HEALTH 2010-2023

### Programme CAPES-COFECUB, Brasil

#### Regional percentages of applications and selections

#### *Biology and Health 2010-2023*



**% of applications  
(DS5)**



**% of selections  
(DS5)**

**Applications : quite large geographical distribution with Ile-de-France largely ahead**

**Selections : mainly Ile-de-France but numerous regions are concerned**

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

# SCIENTIFIC DOMAINS : REGIONAL DISTRIBUTION HUMANITIES 2010-2023

## Programme CAPES-COFECUB, Brasil Regional percentages of applications and selections *Humanities 2010-2023*



**% of applications  
(DS6)**



**% of selections  
(DS6)**

**Applications : quite large geographical distribution with Ile-de-France largely ahead**

**Selections : mainly Ile-de-France but numerous regions are concerned**

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

# SCIENTIFIC DOMAINS : REGIONAL DISTRIBUTION

## SOCIAL SCIENCES 2010-2023

### Programme CAPES-COFECUB, Brasil

#### Regional percentages of applications and selections

#### *Social Sciences 2010-2023*



**% of applications  
(DS7)**



**% of selections  
(DS7)**

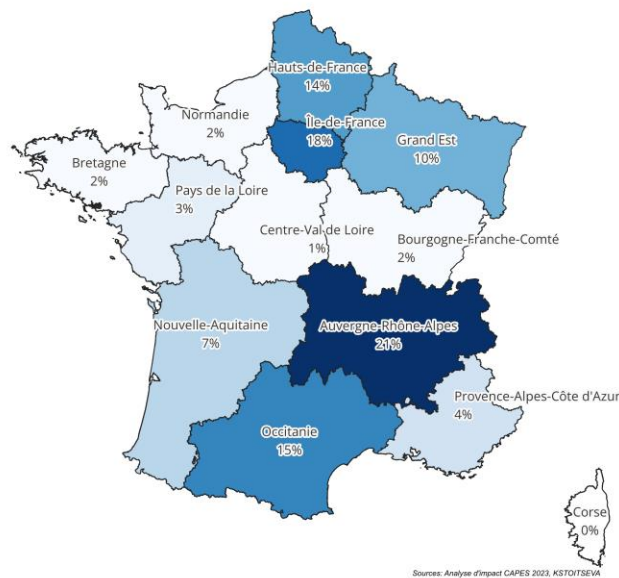
**Applications : quite large geographical distribution with Ile-de-France largely ahead**

**Selections : mainly Ile-de-France but less regions concerned by selections**

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

# SCIENTIFIC DOMAINS : REGIONAL DISTRIBUTION ENGINEERING SCIENCES 2010-2023

## Programme CAPES-COFECUB, Brasil Regional percentages of applications and selections *Engineering Sciences 2010-2023*



**% of applications  
(DS8)**



**% of selections  
(DS8)**

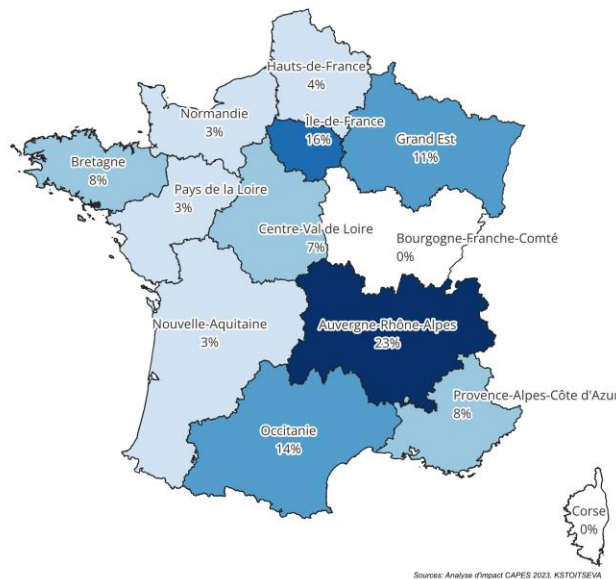
**Applications : Auvergne-Rhône-Alpes, Ile-de-France, Occitanie and Hauts-de-France**

**Selections : first Auvergne-Rhône-Alpes then Ile-de-France and Occitanie**

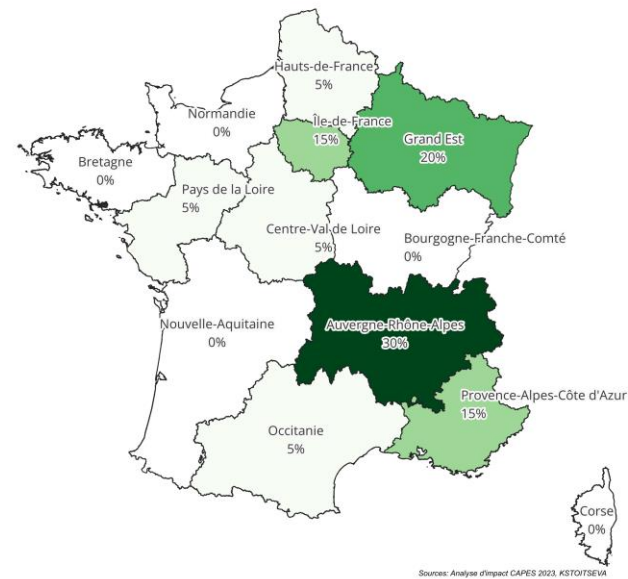
**% OF REGIONAL APPLICATIONS/SELECTIONS FOR EACH SCIENTIFIC DOMAIN AS COMPARED TO THE TOTAL NUMBER OF APPLICATIONS/SELECTIONS IN THE SCIENTIFIC DOMAIN**

# SCIENTIFIC DOMAINS : REGIONAL DISTRIBUTION INFORMATION TECHNOLOGY 2010-2023

## Programme CAPES-COFECUB, Brasil Regional percentages of applications and selections *Information technology 2010-2023*



**% of applications  
(DS9)**



**% of selections  
(DS9)**

**Applications : first Auvergne-Rhône-Alpes then Ile-de-France and Occitanie**  
**Selections : clearly Auvergne-Rhône-Alpes then Grand-Est and Ile-de-France**

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

# SCIENTIFIC DOMAINS : REGIONAL DISTRIBUTION

## AGRONOMY/ECOLOGY 2010-2023

### Programme CAPES-COFECUB, Brasil

#### Regional percentages of applications and selections

#### *Agronomy/Ecology 2010-2023*



**% of applications (DS10)**

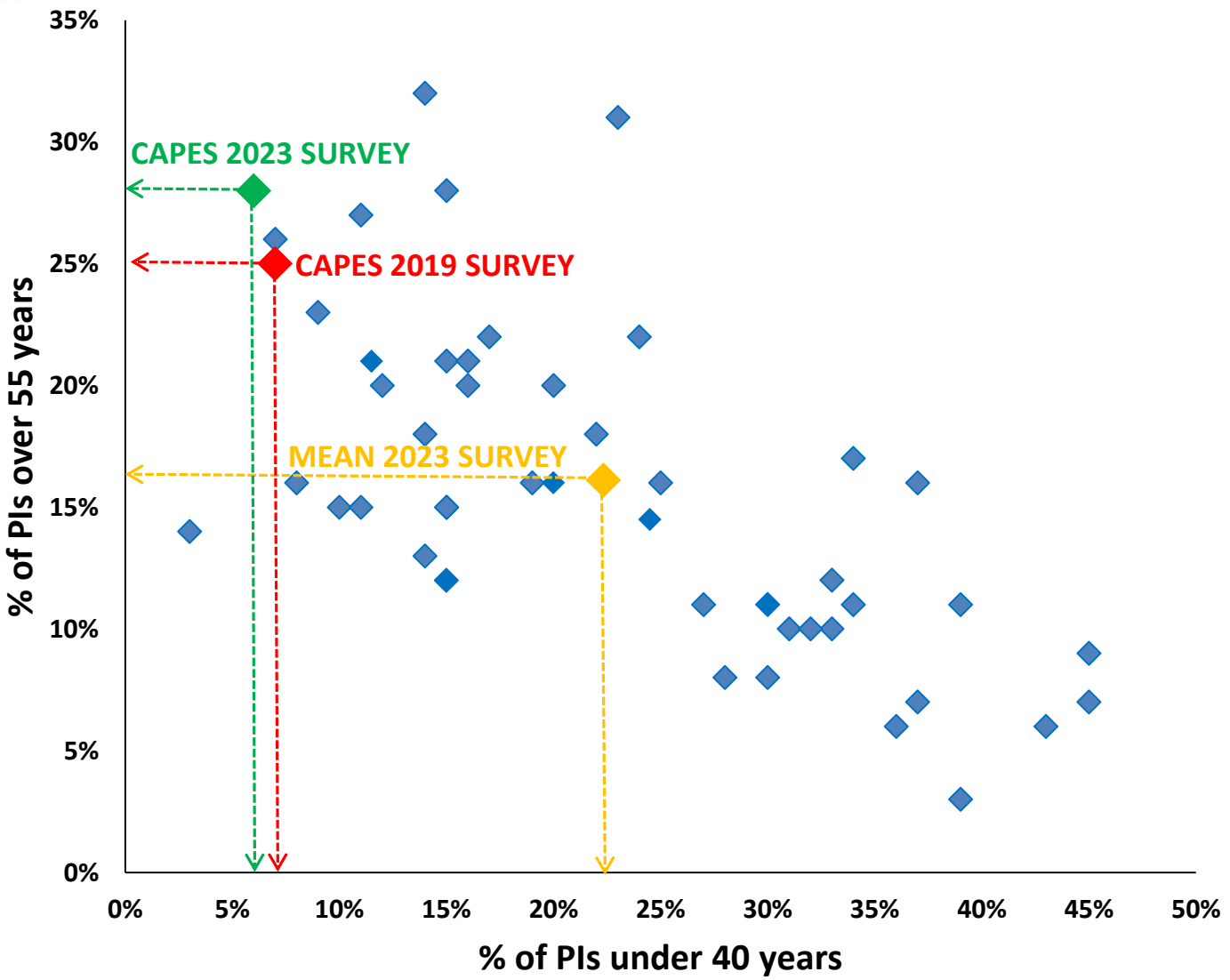


**% of selections (DS10)**

**Applications : Occitanie largely ahead followed by Provence-Alpes-Côte d'Azur, Bretagne and Ile-de-France**  
**Selections : mainly Occitanie, then Provence-Alpes-Côte d'Azur**

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

# AGE OF PRINCIPAL INVESTIGATORS (PI) 2003-2020

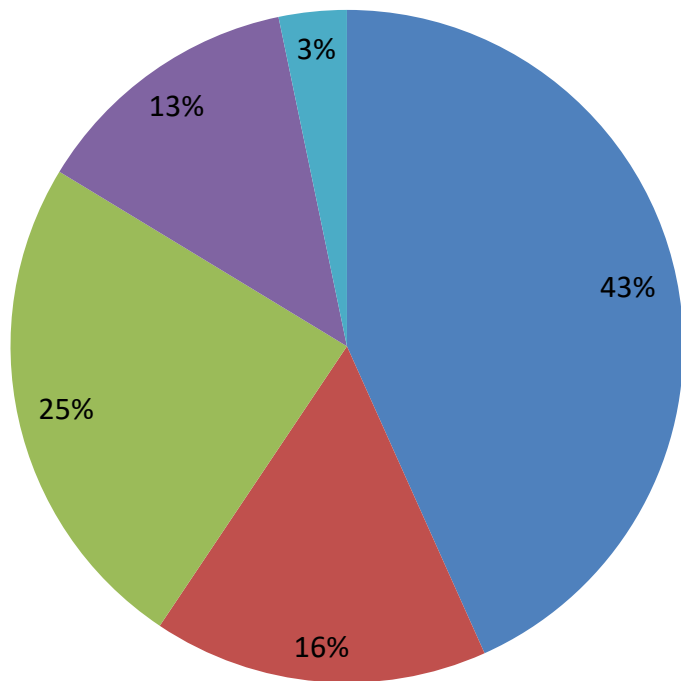


**Survey 2019 : 26 programmes**  
**Survey 2023 : 48 programmes**

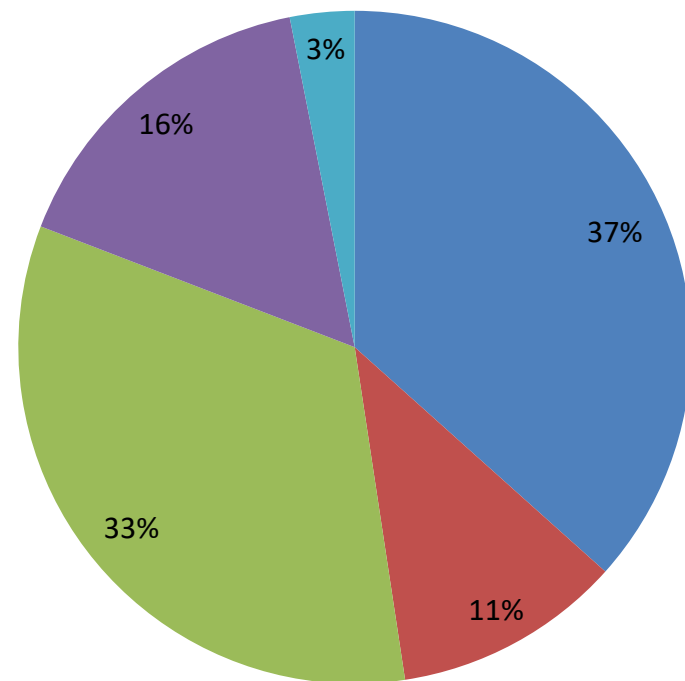


# FRENCH PIS (PRINCIPAL INVESTIGATORS) : STATUS 2010-2023

## Applicants professional status



## Laureates professional status

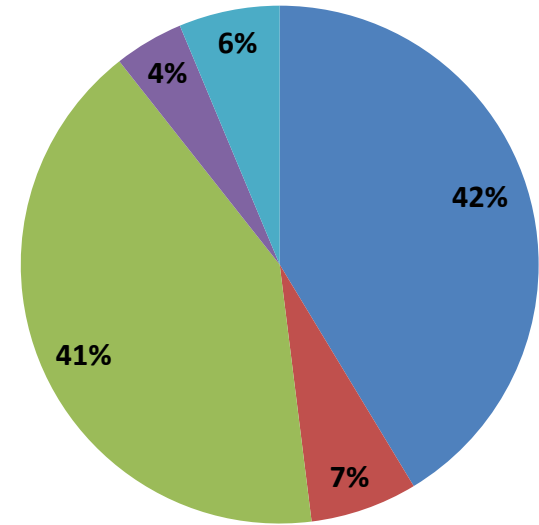
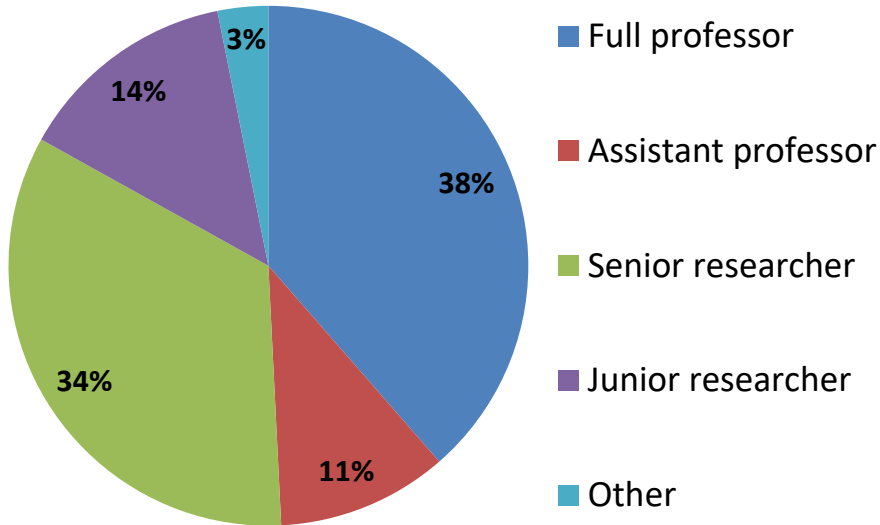


Data from 1379 applicants and 355 laureates

# FRENCH PIS (PRINCIPAL INVESTIGATORS) : STATUS 2003-2020

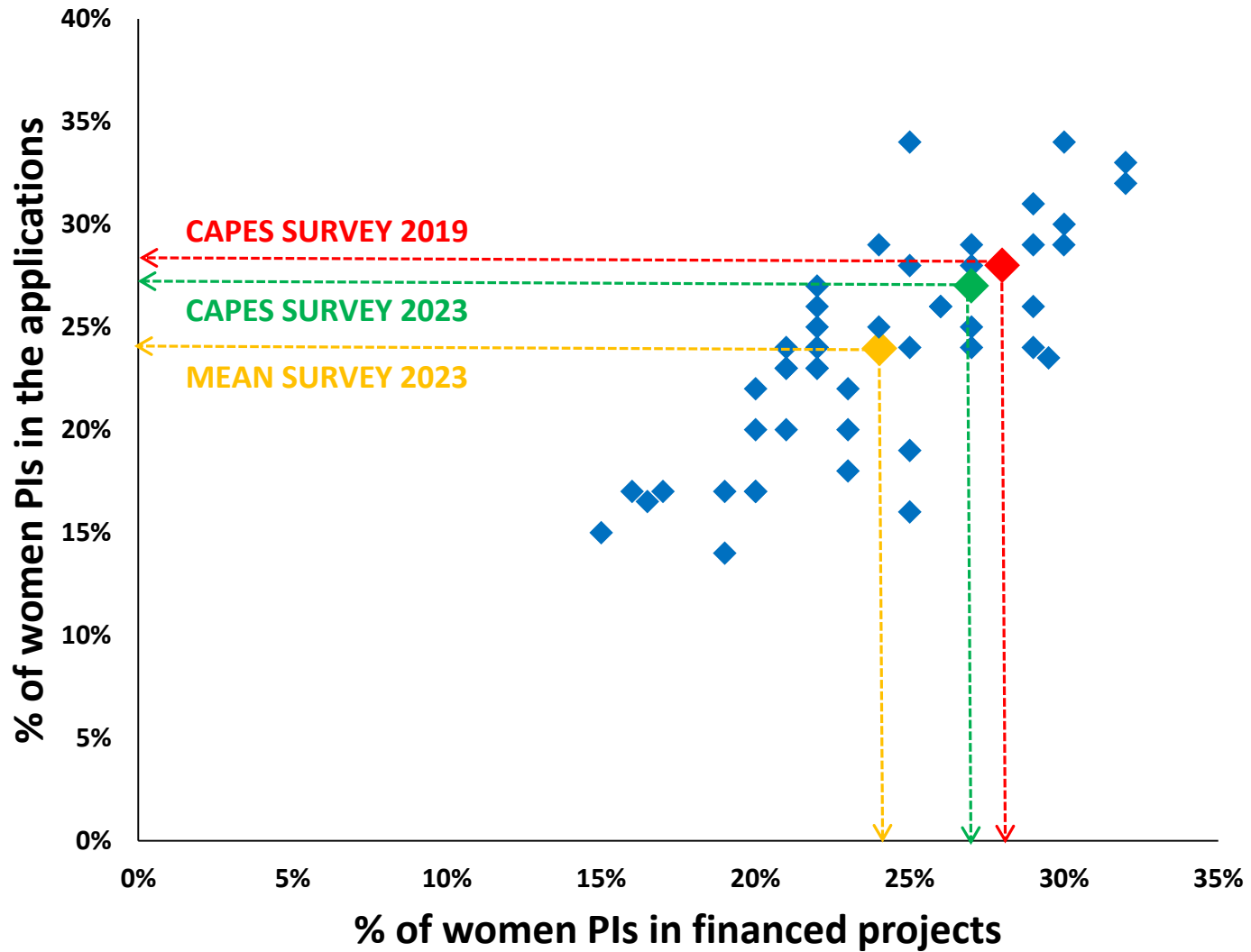
## Previous professional status (at the beginning of the project)

## Current professional status



Data from 254 answers (survey 2023)

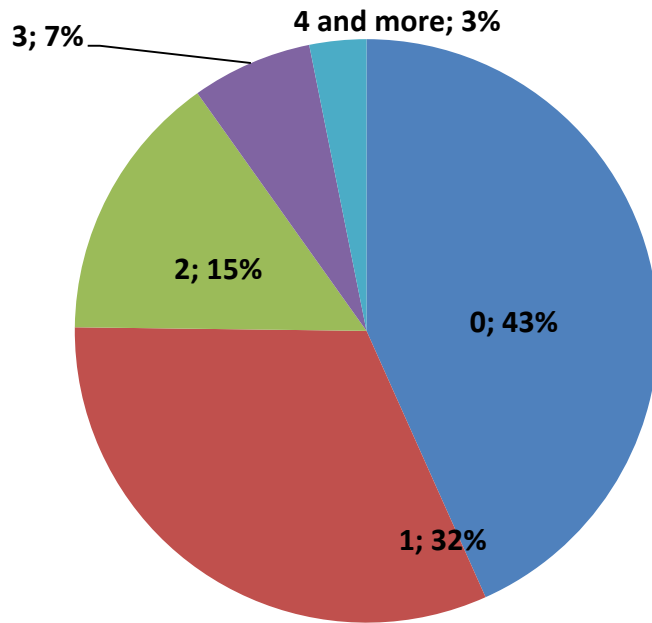
# IMPLICATION OF WOMEN (FRANCE) 2010-2023



Survey 2019 : 26 programmes  
 Survey 2023 : 48 programmes

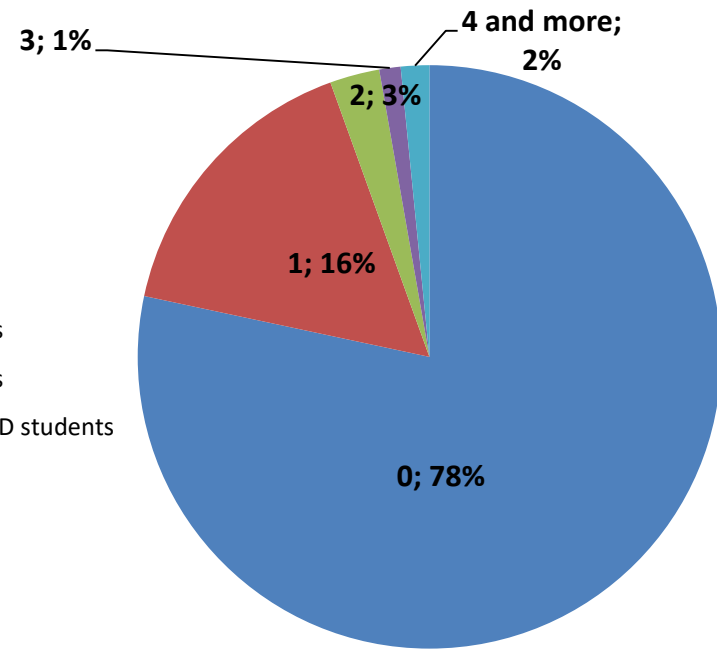
# PARTICIPATION OF FRENCH YOUNG RESEARCHERS 2003-2020

## Number of French PhD students



**57%** of projects involve at least one French PhD student

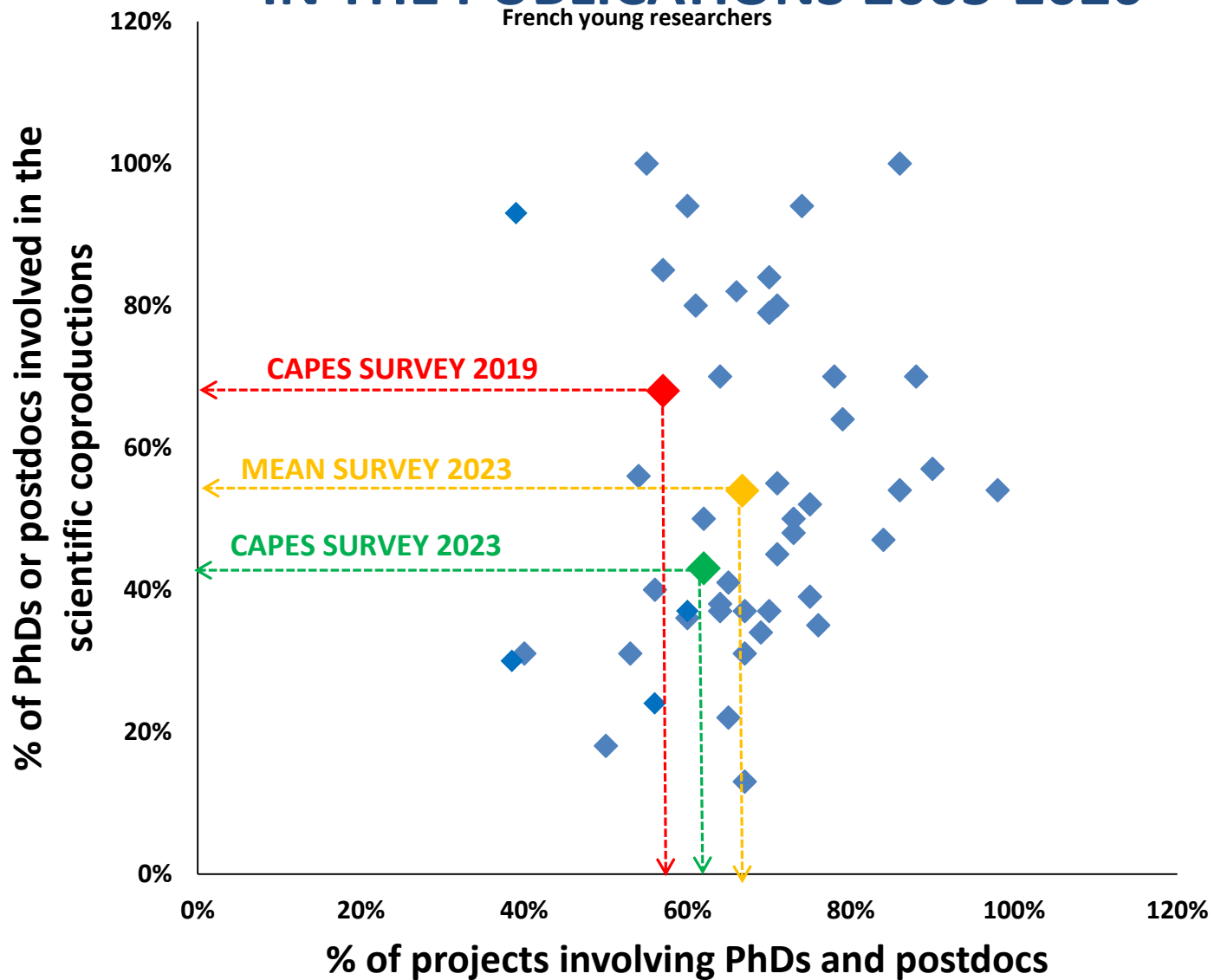
## Number of French post-doctoral researchers



**22%** of projects involve at least one French post-doctoral researcher

Data from 254 responses (surveys 2016 and 2023)

# IMPLICATION OF FRENCH YOUNG RESEARCHERS IN THE PUBLICATIONS 2003-2020

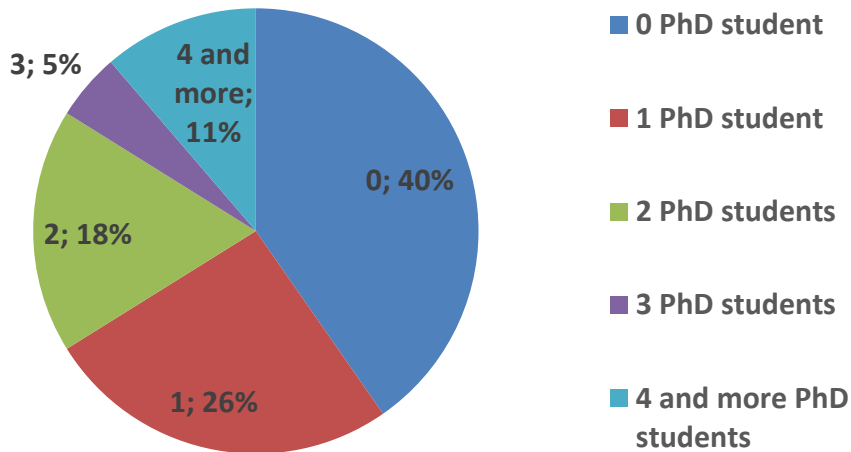


Survey 2019 : 25 programmes

Survey 2023 : 46 programmes

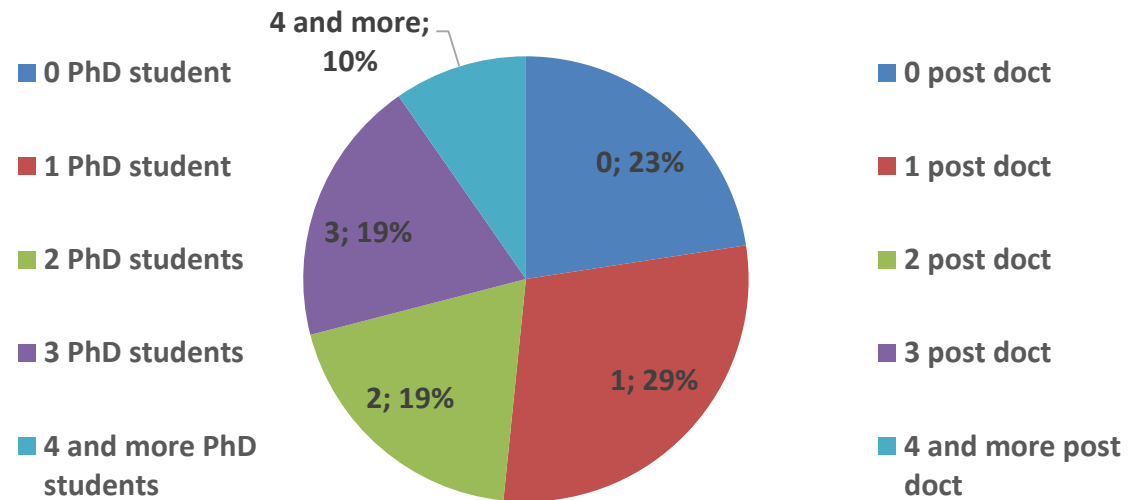
# PARTICIPATION OF BRASILIAN YOUNG RESEARCHERS 2016-2022

## Number of Brazilian PhD students



**60%** of projects involve at least one Brazilian PhD student

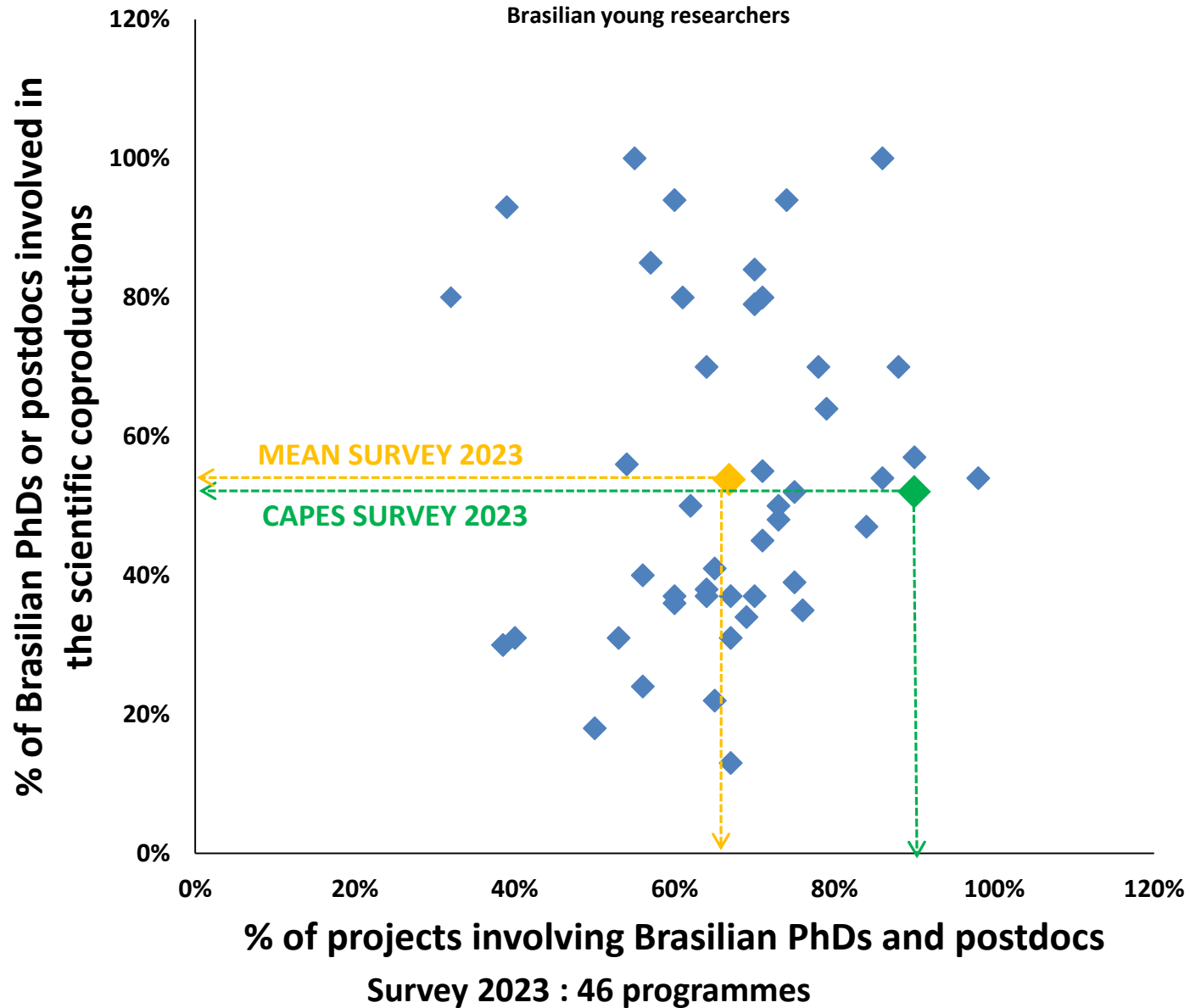
## Number of Brazilian post-doctoral researchers



**72%** of projects involve at least one Brazilian post-doctoral researcher

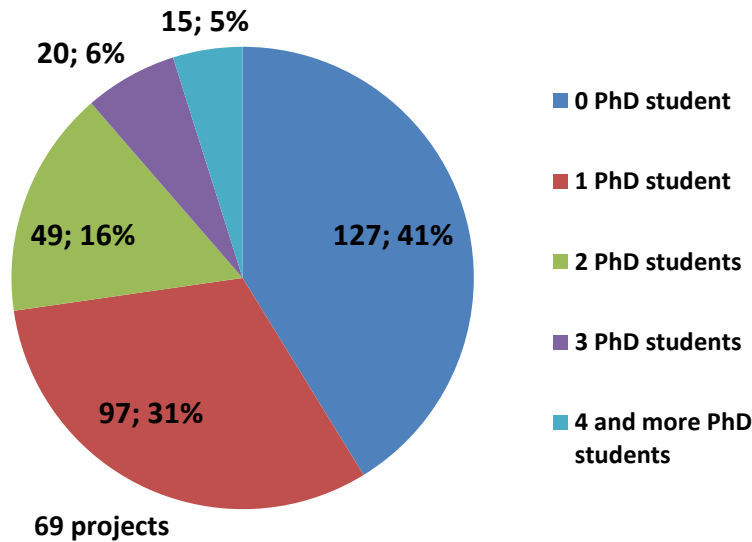
Data from 62 responses (survey 2023)

# IMPLICATION OF BRASILIAN YOUNG RESEARCHERS IN THE PUBLICATIONS 2016-2022



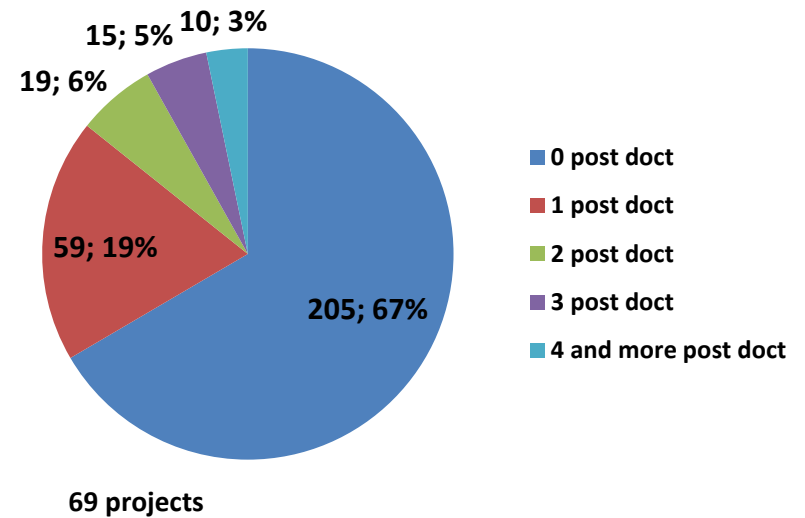
# PARTICIPATION OF BOTH FRENCH AND BRASILIAN YOUNG RESEARCHERS

## Number of PhD students



**63%** of projects involve at least one PhD student

## Number of post-doctoral researchers

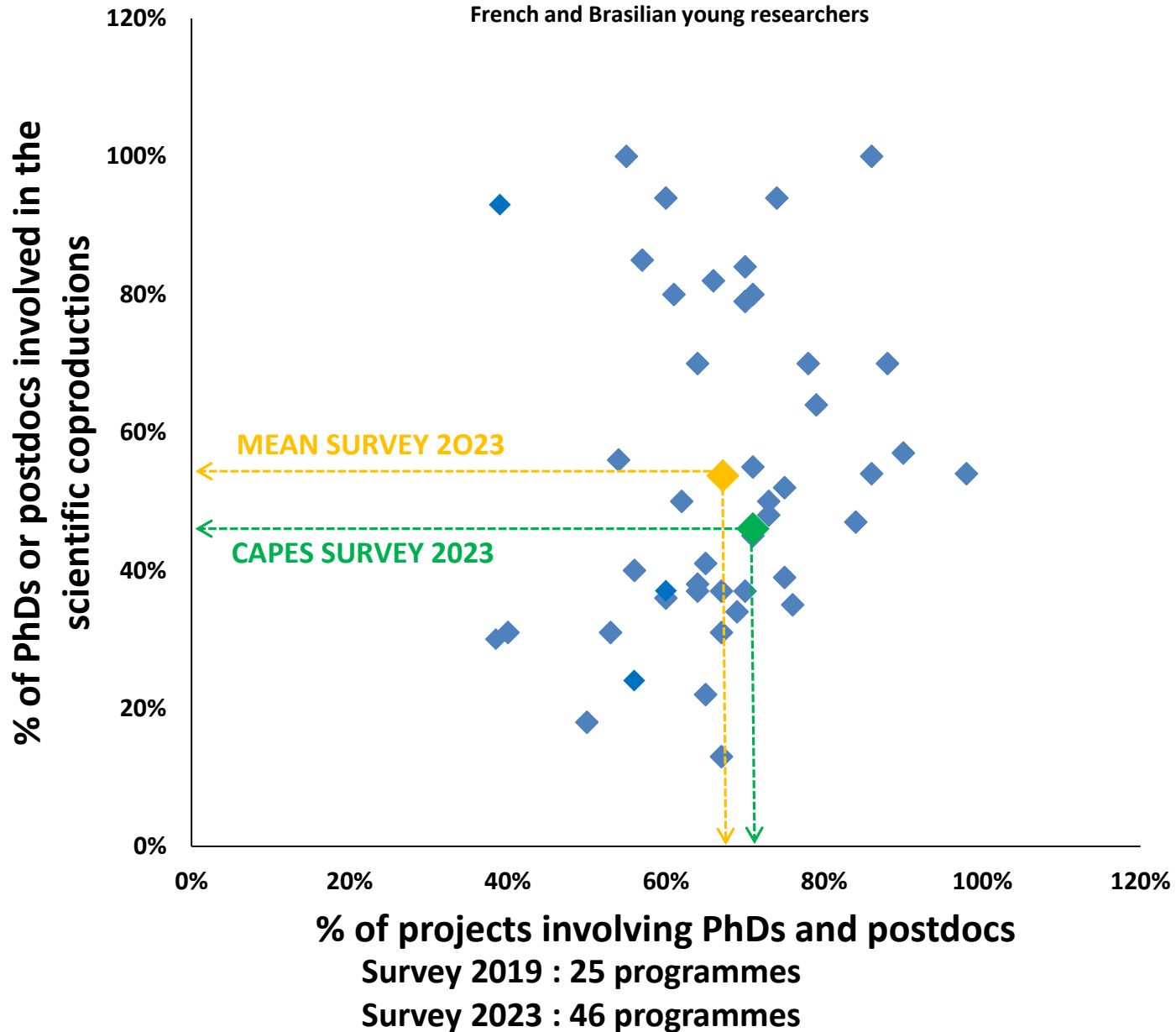


**36%** of projects involve at least one post-doctoral researcher

Data from 254 responses for french young researchers (surveys 2019 and 2023)  
Data from 62 responses for brasilian young researches (survey 2023)



# IMPLICATION OF BOTH FRENCH AND BRASILIAN YOUNG RESEARCHERS IN THE PUBLICATIONS





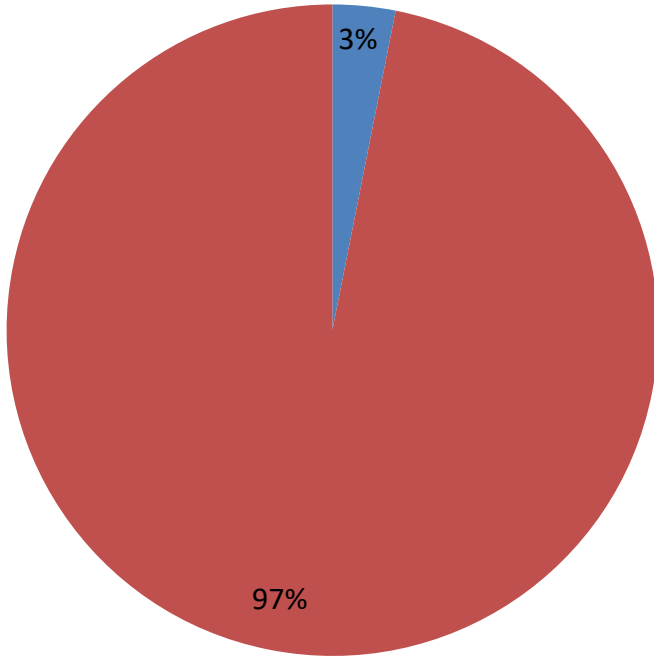
**MINISTÈRE  
DE L'ENSEIGNEMENT  
SUPÉRIEUR  
ET DE LA RECHERCHE**

*Liberté  
Égalité  
Fraternité*

**MOBILITY**

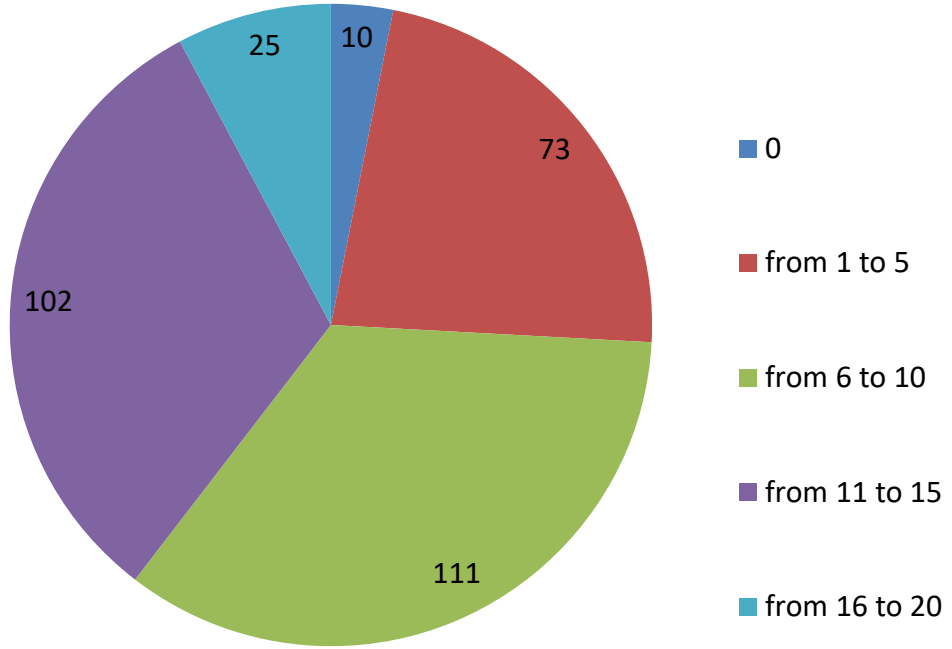
# MOBILITIES 2010-2022

**Projects with/without mobilities  
(321 selected projects)**



■ Without mobilities    ■ With mobilities

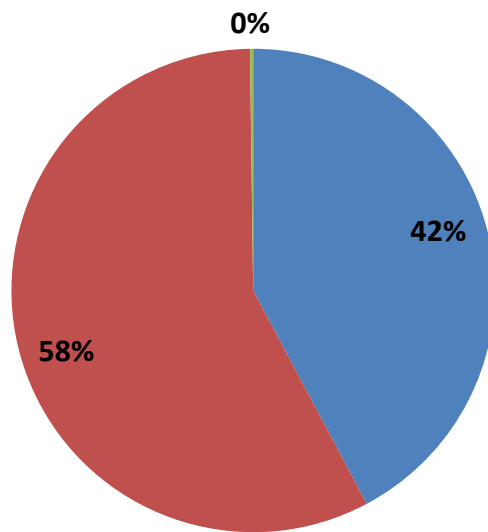
**Number of mobilities per project  
(321 selected projects)**



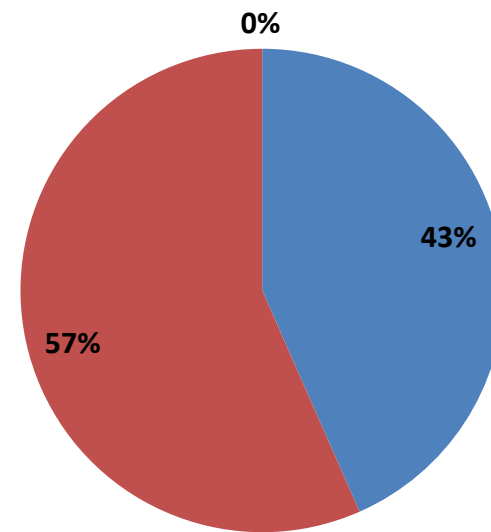
■ 0  
■ from 1 to 5  
■ from 6 to 10  
■ from 11 to 15  
■ from 16 to 20

# MOBILITY : DURATION 2010-2022

## France → Brazil



## Brazil → France



■ < 15 days

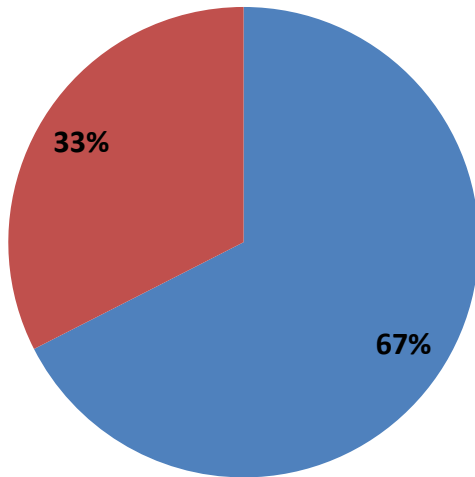
■ between 15 days and 3 months

■ > 3 months

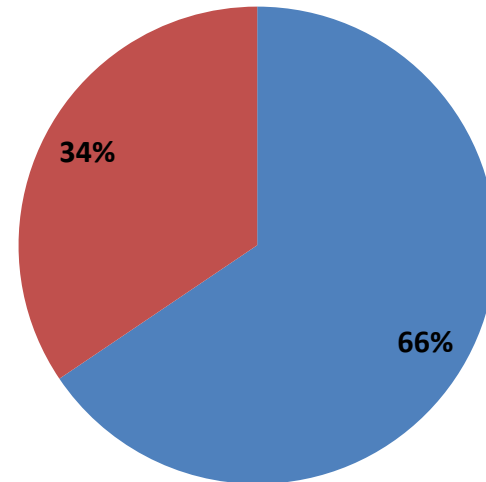
Data from 591 outgoing mobilities and 651 incoming mobilities

# MOBILITY : GENDER DISTRIBUTION 2010-2022

## France → Brazil



## Brazil → France

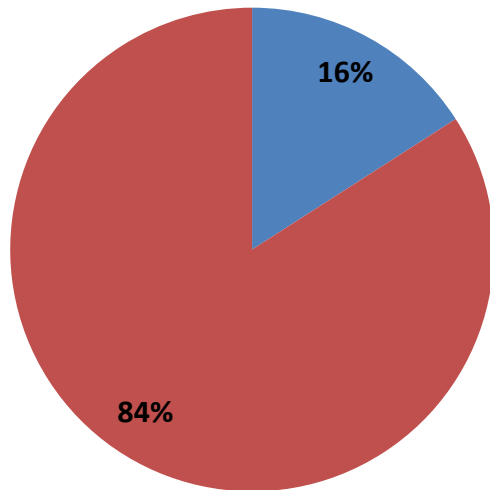


■ Men ■ Women

Data from 591 outgoing mobilities and 651 incoming mobilities

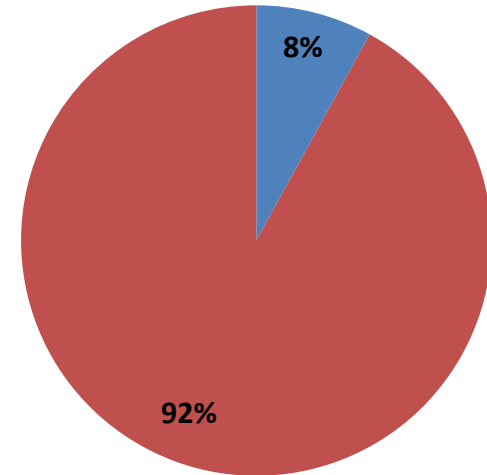
# MOBILITIES : STATUS 2010-2022

## France → Brazil



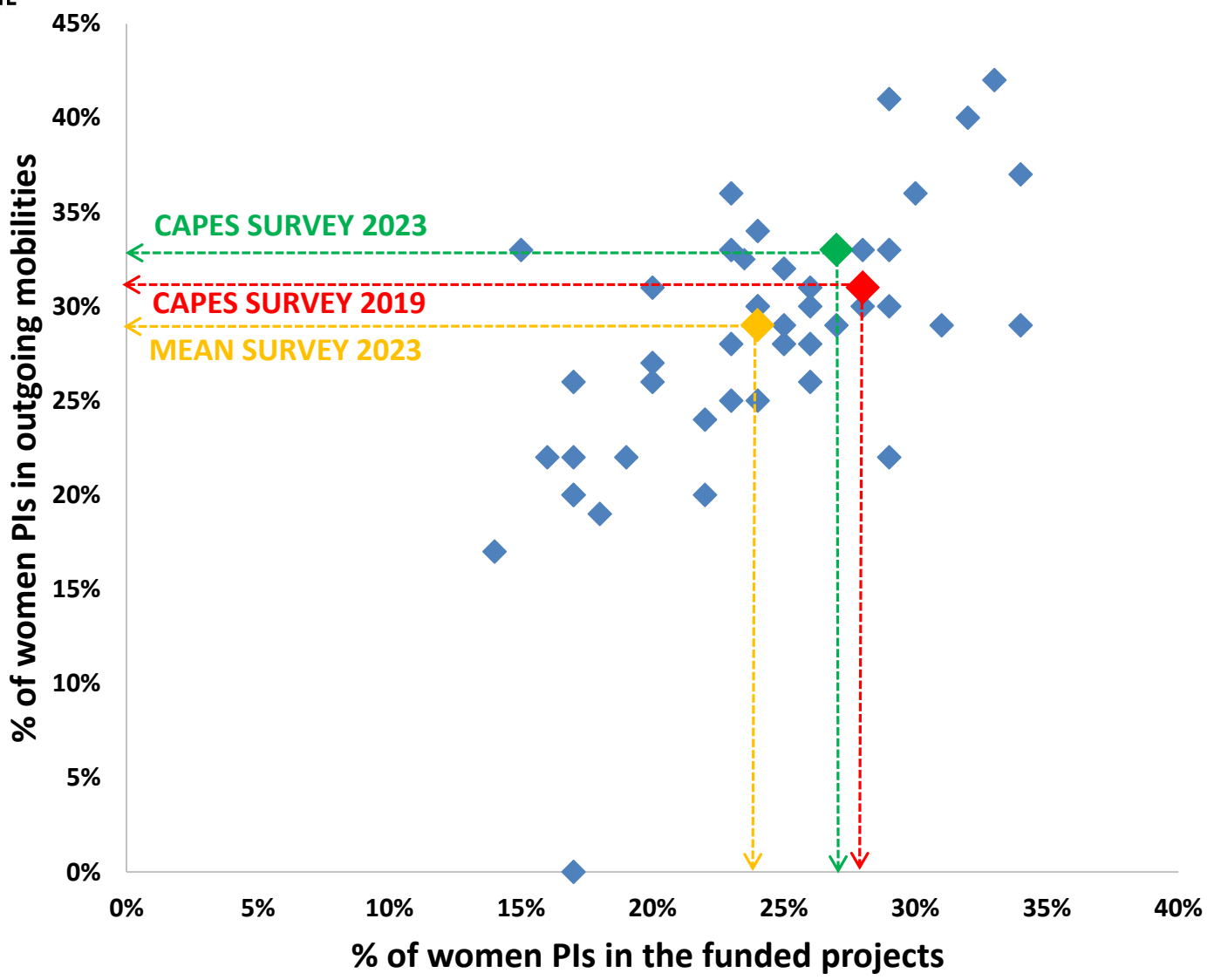
- carried out by junior researchers (<35 years old)
- carried out by senior researchers (>35 years old)

## Brazil → France



Data from 591 outgoing mobilities and 651 incoming mobilities

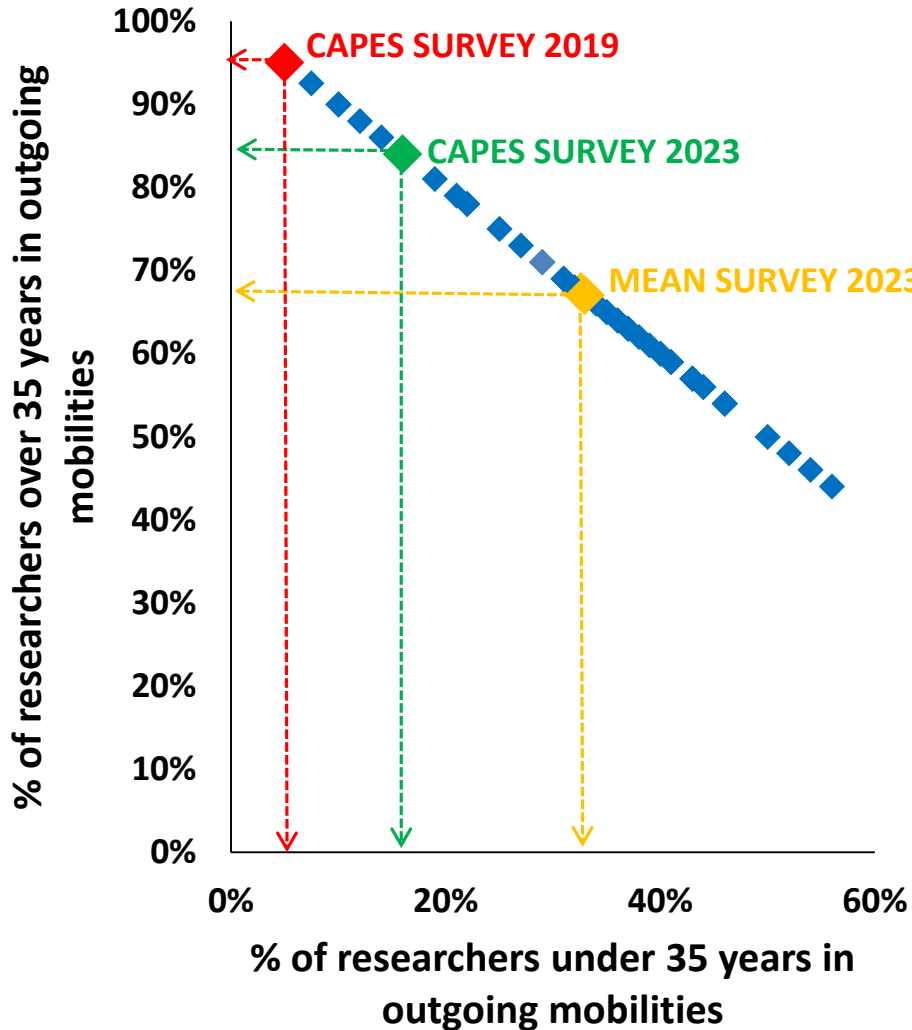
# WOMEN MOBILITY FRANCE – BRAZIL 2010-2022



**Survey 2019 : 26 programmes**  
**Survey 2023 : 46 programmes**

# YOUNG RESEARCHERS MOBILITY FRANCE – BRAZIL

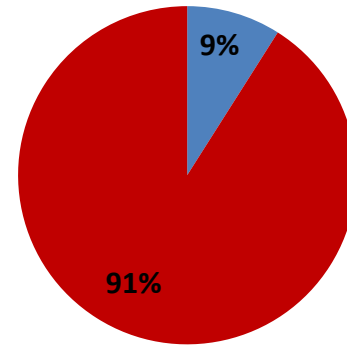
## France → Brazil



Survey 2019 : 26 programmes  
 Survey 2023 : 47 programmes

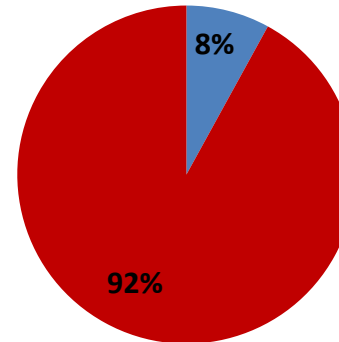
## Brazil → France

### CAPES SURVEY 2016



- % of researchers under 35 years in incoming mobilities
- % of researchers over 35 years in incoming mobilities

### CAPEX SURVEY 2023



- % of researchers under 35 years in incoming mobilities
- % of researchers over 35 years in incoming mobilities





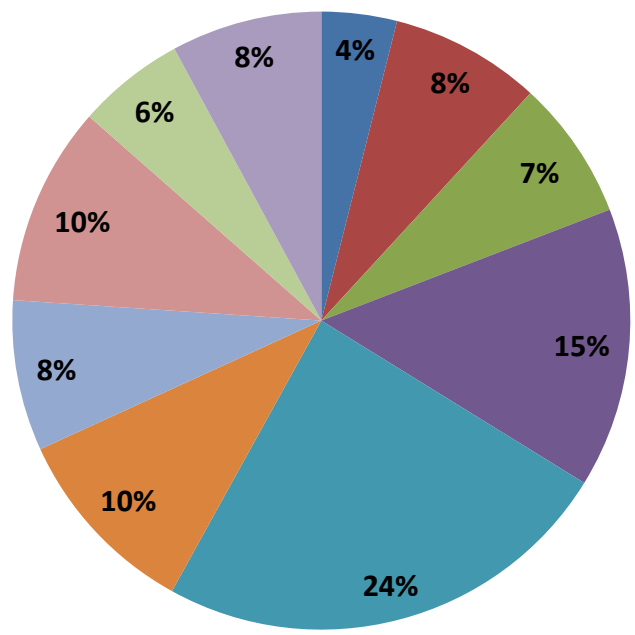
**MINISTÈRE  
DE L'ENSEIGNEMENT  
SUPÉRIEUR  
ET DE LA RECHERCHE**

*Liberté  
Égalité  
Fraternité*

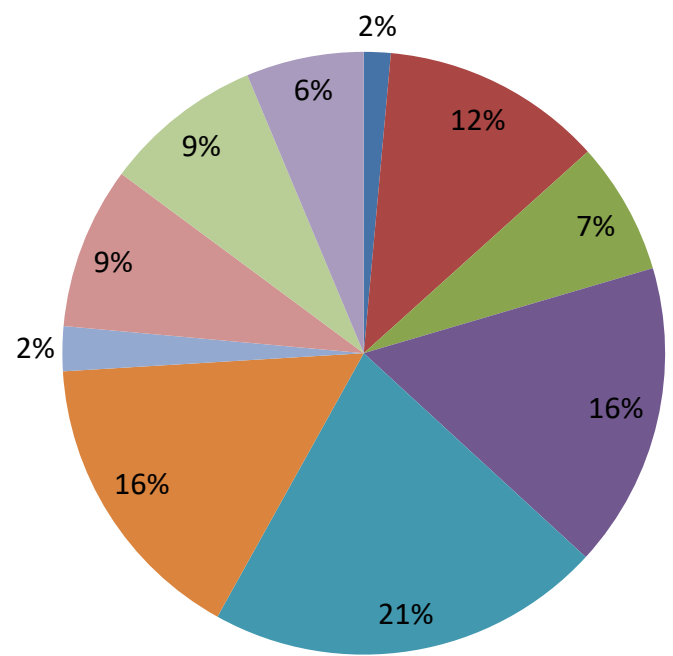
**SCIENTIFIC  
PRODUCTION  
(2003-2020)**

# SCIENTIFIC PRODUCTION 2003-2020 (1/2)

**Funded projects 2010-2023  
(355)**



**Percentage of coproductions  
(254 respondents)**



**Analyse de 1252 publications**

- |   |  |
|---|--|
| <span style="color: blue;">■</span> Mathematics                   | <span style="color: red;">■</span> Physics               |
| <span style="color: green;">■</span> Marine/Earth/Planet Sciences | <span style="color: purple;">■</span> Chemistry          |
| <span style="color: teal;">■</span> Biology and Health            | <span style="color: orange;">■</span> Humanities         |
| <span style="color: lightblue;">■</span> Social Sciences          | <span style="color: pink;">■</span> Engineering Sciences |
| <span style="color: lightgreen;">■</span> Information Technology  | <span style="color: lavender;">■</span> Agronomy/Ecology |

# SCIENTIFIC PRODUCTION (2/2)

## ENQUETES 2019+2023

	Number of funded projects 2019 survey	Number of funded projects 2019+2023 surveys	Average annual number of scientific coproductions per project 2019 survey	Average annual number of scientific coproductions per project 2019+2023 surveys
Mathematics	6	8	0,1	0,6
Physics	23	29	1,2	1,3
Marine/Earth/Planet Sciences	18	23	0,8	1,0
Chemistry	25	35	1,7	1,5
Biology and Health	42	57	1,2	1,2
Humanities	26	33	1,4	1,5
Social Sciences	9	11	0,5	0,7
Engineering Sciences	20	28	0,9	1,0
Information Technology	13	16	1,6	1,7
Agronomy / Ecology	10	14	1,3	1,4
<b>TOTAL/MOYENNE</b>	<b>192</b>	<b>254</b>	<b>1,2</b>	<b>1,2</b>

**Overall average annual number of scientific coproductions per project 2019 : 1,2 vs 0,96 mean**  
**Overall average annual number of scientific coproductions per project 2019+2023 : 1,2**

### Enquête 2019+2023

**74%** of funded projects led to at least 1 scientific coproduction (vs 74% survey 2019)

**23%** scientific coproductions involve at least 1 young researcher (vs 15% survey 2019)

The average annual rate of publication of young researchers implicated in the projects is **0,21** (vs 0,17 survey 2019)

The average annual rate of young researchers implicated in the scientific coproductions is 0,46 (no data from survey 2019)



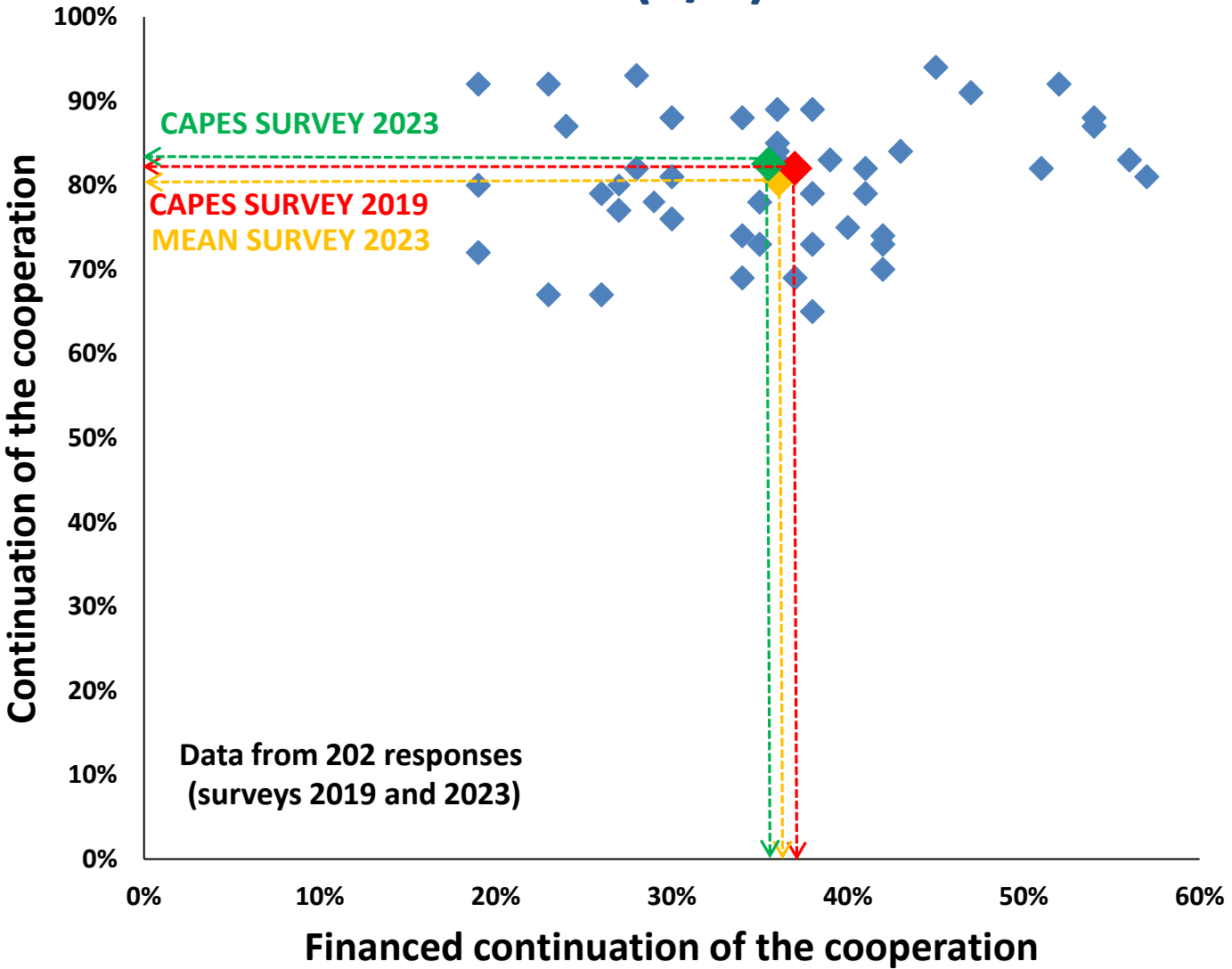
**MINISTÈRE  
DE L'ENSEIGNEMENT  
SUPÉRIEUR  
ET DE LA RECHERCHE**

*Liberté  
Égalité  
Fraternité*

# **WHAT HAPPENS AFTER A CAPES-CORECUB PROJECT ?**

# CONTINUATION OF THE COOPERATION 2003-2022

## (1/7)



Survey 2019 : 26 programmes  
 Survey 2023 : 47 programmes



# CONTINUATION OF THE COOPERATION 2003-2022

## (2/7)

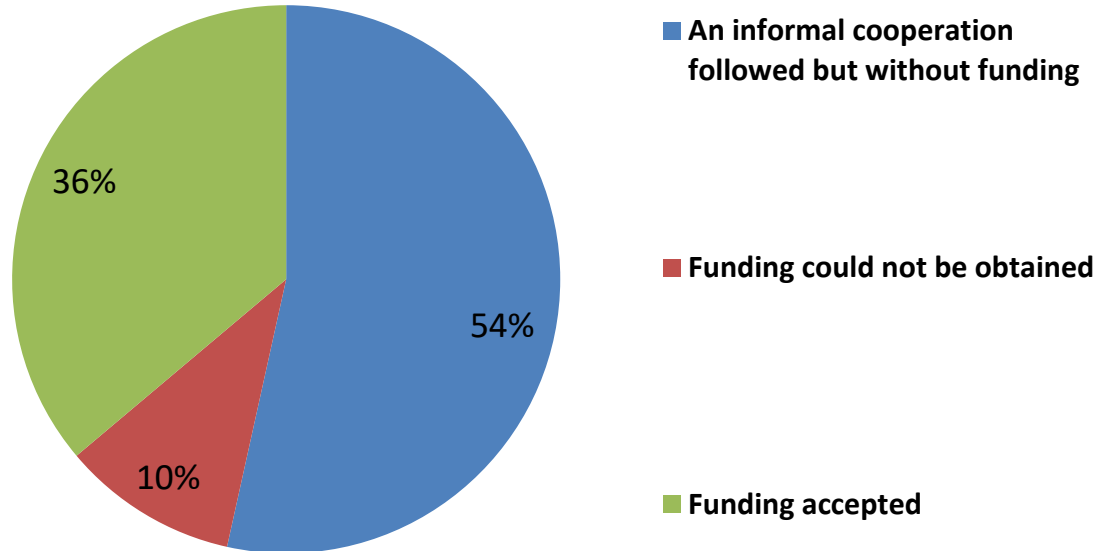
**83%** of the cooperations continued after the CAPES project

Which activities?	
Scientific co-productions	75%
Cooperative research	72%
Researchers mobilities	63%
Joint participation to conferences	46%
PhD mobilities	40%
Joint diplomas (Master, PhD...)	36%
Co-organisation of scientific events	25%
Other	12%

# CONTINUATION OF THE COOPERATION 2003-2022

## (3/7)

**36%** of cooperations have been funded following the project

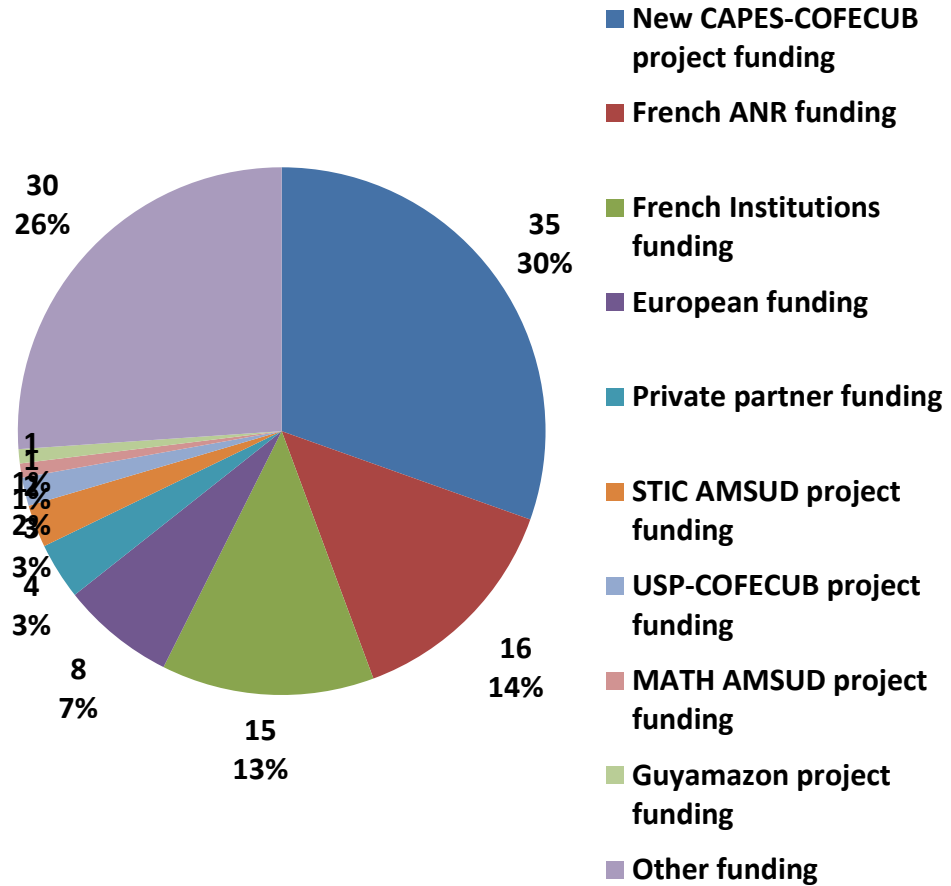


Data from 202 responses

# CONTINUATION OF THE COOPERATION 2003-2022

## (4/7)

### What kind of funded collaborations after the CAPES project ?



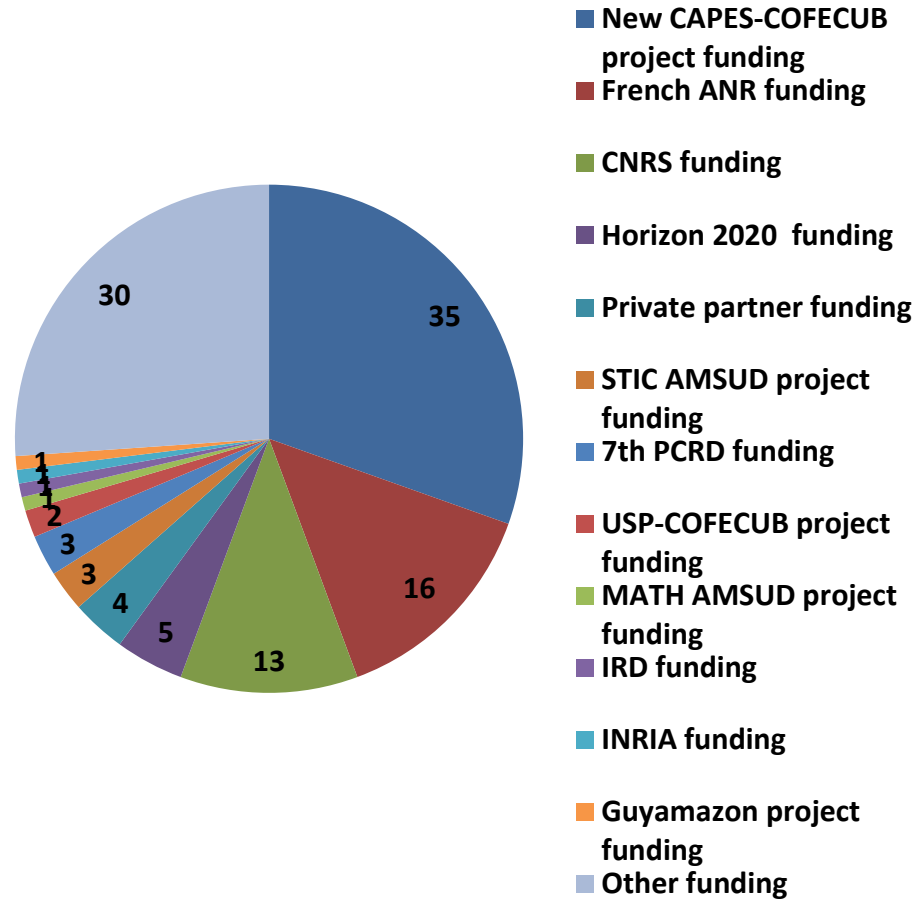
Data from 73 responses



# CONTINUATION OF THE COOPERATION 2003-2022

## (5/7)

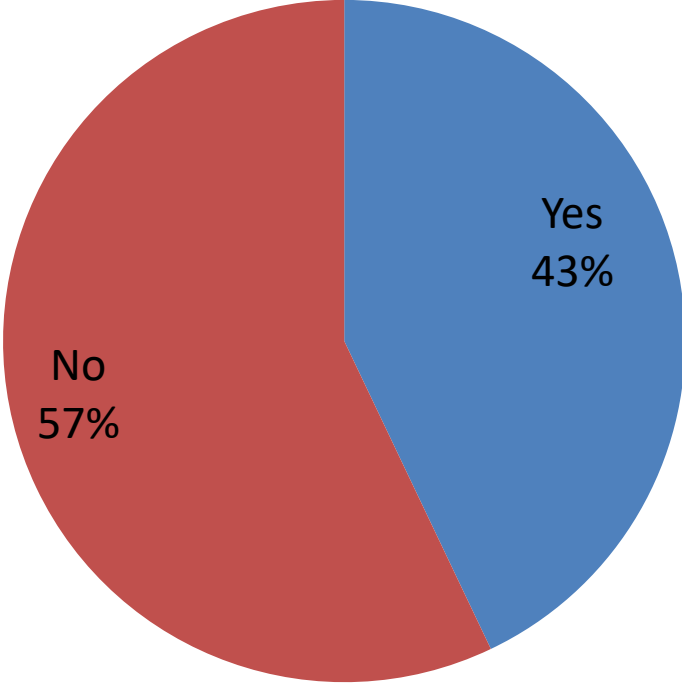
### Detailed fundings following the CAPES project



Data from 73 responses

# CONTINUATION OF THE COOPERATION 2003-2022 (6/7)

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

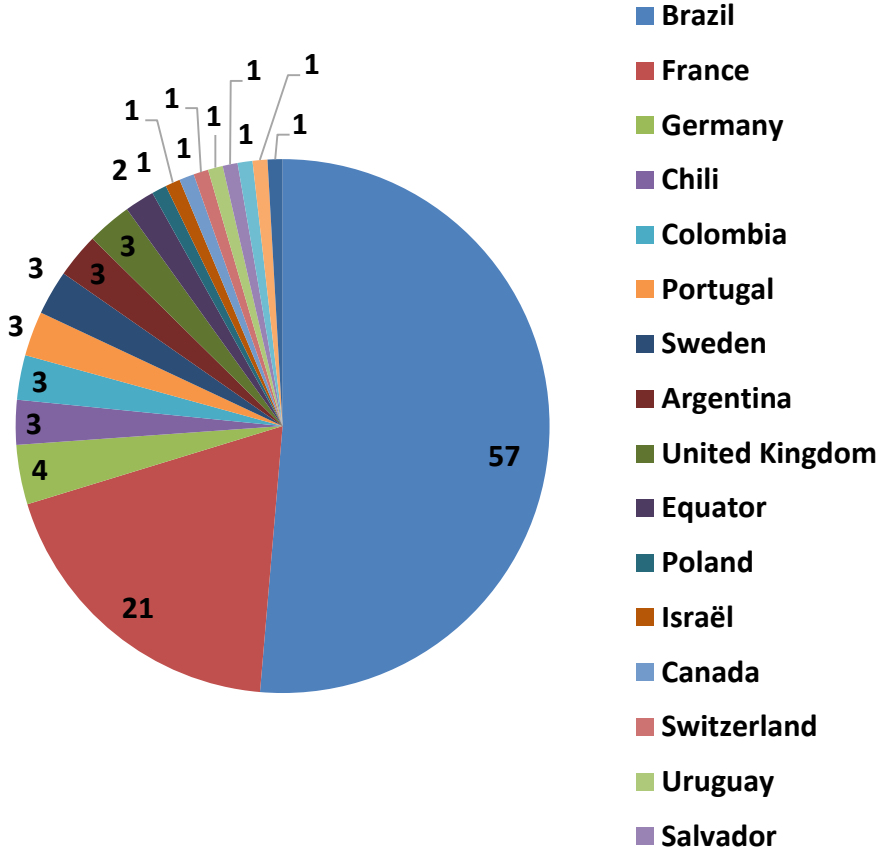


Data from 205 responses

# CONTINUATION OF THE COOPERATION 2003-2022

## (7/7)

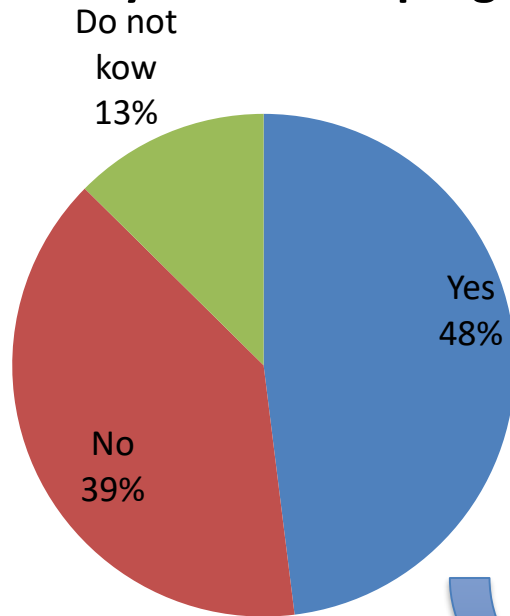
**If the French-Brasilian cooperation involves new partners, list with which countries**



Data from 82 responses

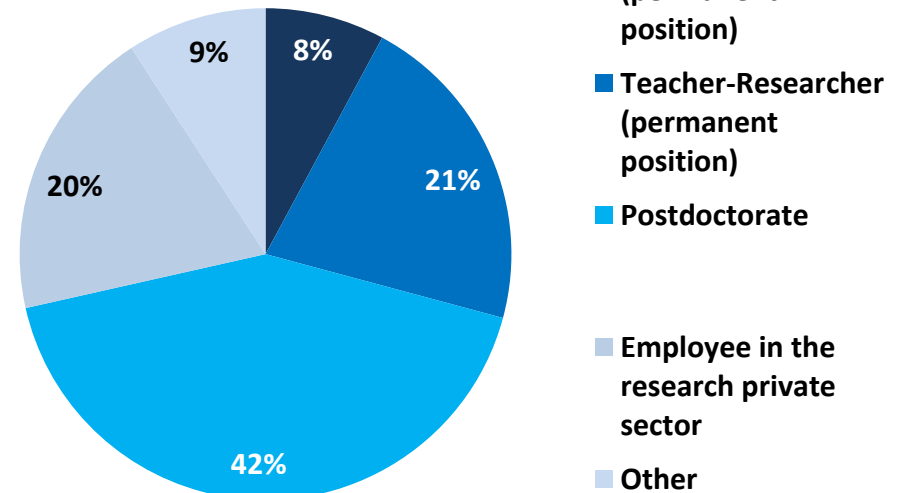
# IMPACT ON YOUNG RESEARCHERS' CAREER (2003-2022) (1/2)

## Was young researchers' career impacted by the CAPES program ?



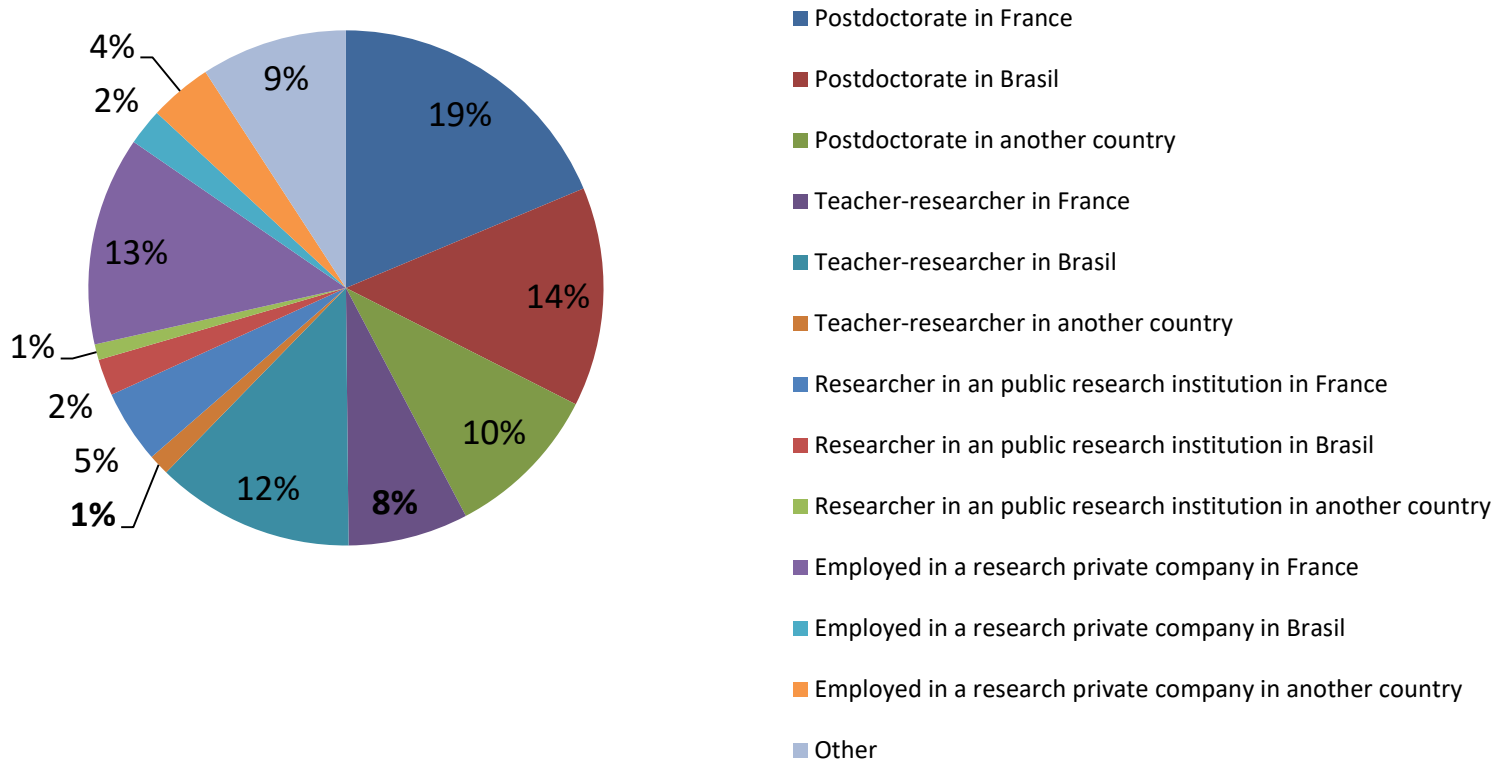
Data from 254 responses

## Type of impacts



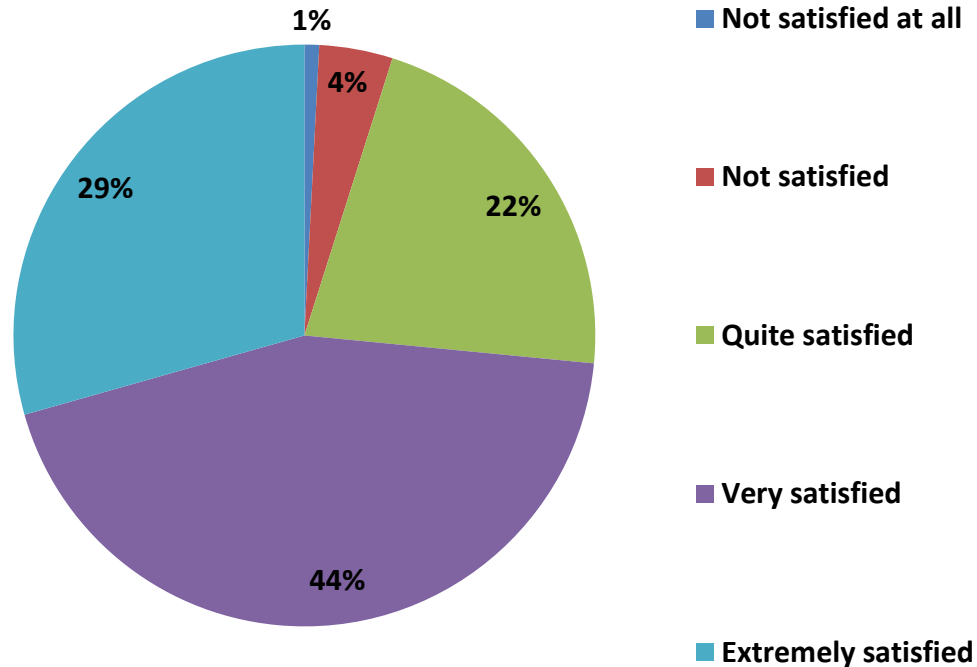
Data from 122 positive responses for a total of 305 young researchers

# IMPACT ON YOUNG RESEARCHERS' CAREER 2003-2022 (2/2)



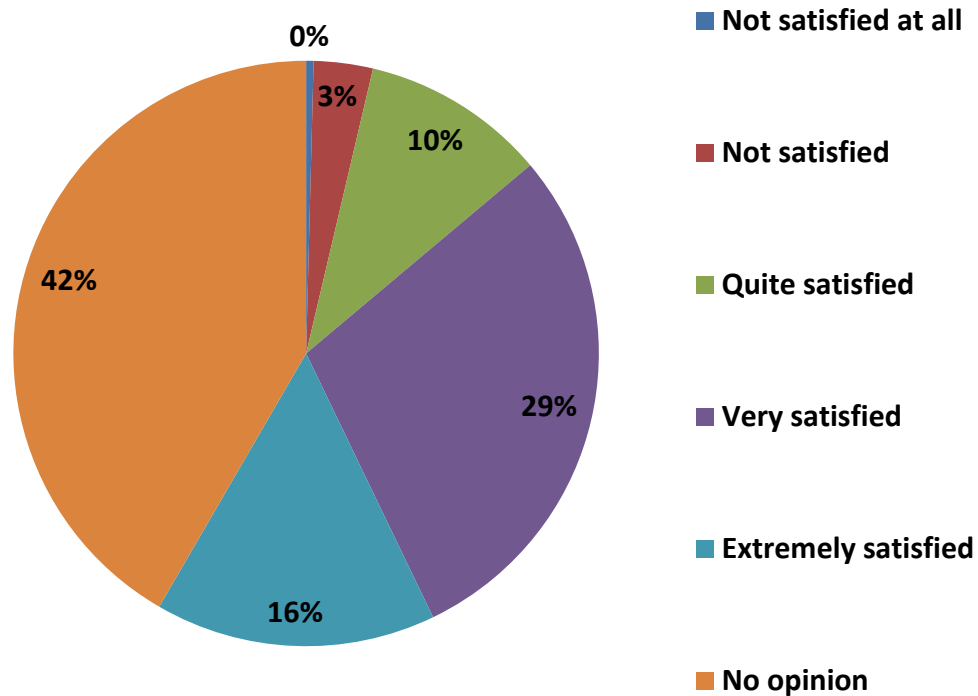
# GENERAL OPINION OF FRENCH PIS ON THE PROGRAMME 2003-2022

**95%** of French principal investigators are satisfied



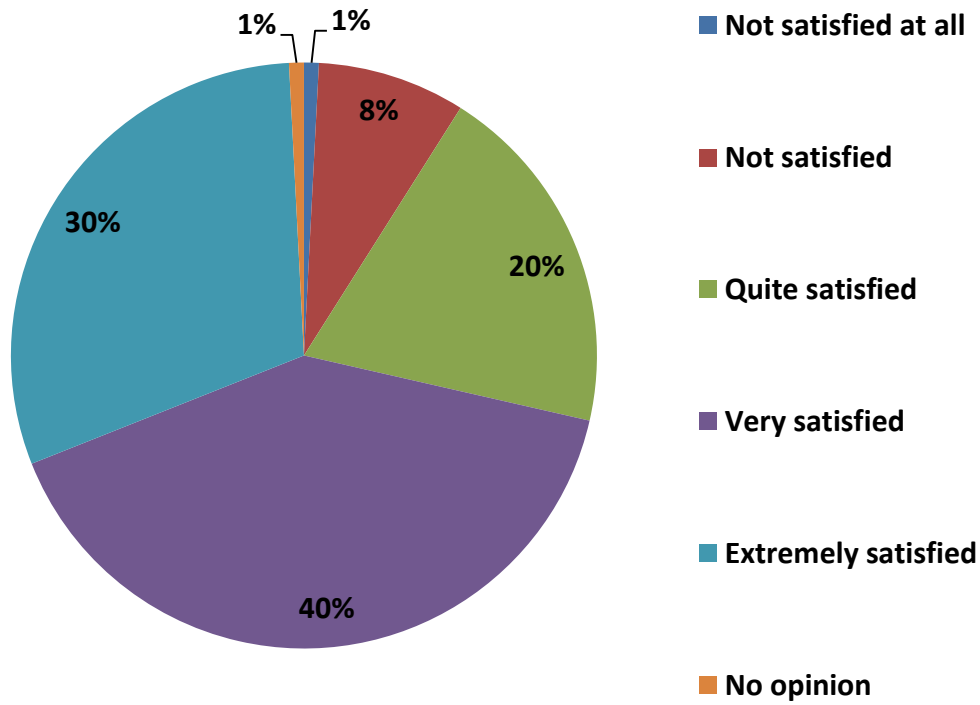
Data from 245 responses

# OPINION OF FRENCH PIS ABOUT FRENCH EMBASSY HELP 2003-2022



Data from 245 responses

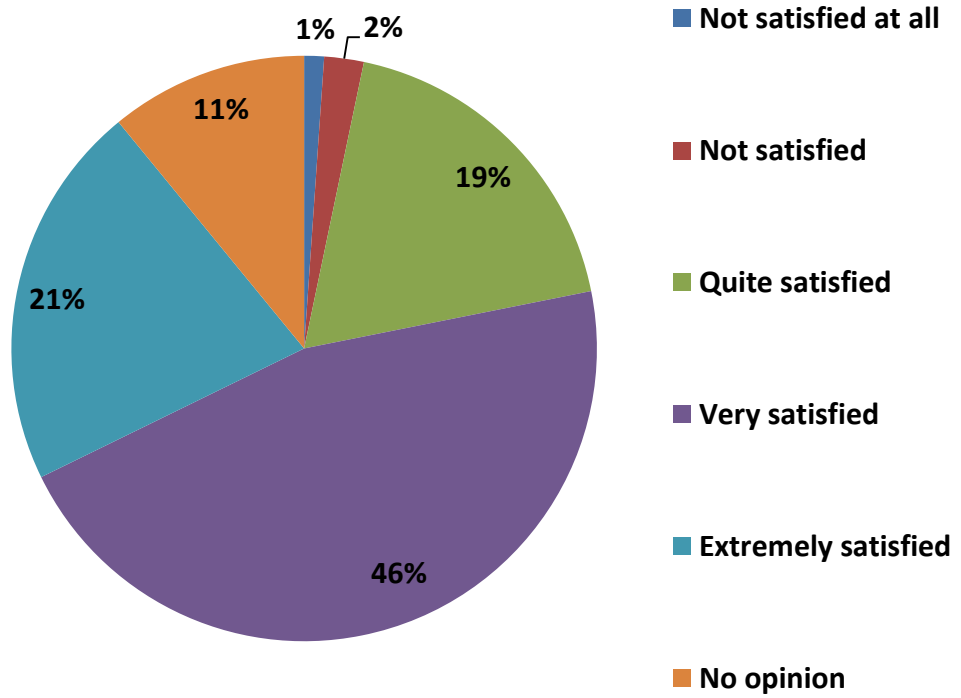
# OPINION OF FRENCH PIS ABOUT COFECUB COMMITTEE HELP 2003-2022



Data from 245 responses



# OPINION OF FRENCH PIS ABOUT CAMPUS FRANCE HELP 2003-2022



Data from 183 responses, survey 2019

# GENERAL OPINION OF FRENCH PIS ON THE PROGRAMME 2003-2022 POSITIVE COMMENTS



Strengths of this program	Number of occurrences (out of 1515)	% of funded projects
Fostering an international scientific cooperation	218	86%
Fostering researchers' mobility	204	80%
Fostering the training of the young researchers	180	71%
Fostering exchanges enabling scientific production	173	68%
Simplicity of the application process	146	57%
Helping to know the partner country	121	48%
Sufficiently long duration of the projects	112	44%
Easy implementation (administrative flexibility)	101	40%
Good scientific-added value on financial investment	84	33%
Sufficient amount of mobility time given to collaborate	83	33%
Flexibility of the programme for actions co-financed with the brasilian partner	16	26%*
<b>Survey 2023</b>		
Sufficient financial means for the mobility costs	62	24%
Financial autonomy towards your institution <b>Survey 2023</b>	15	24%*
Helpful to initiate other fundraising	56	22%
Implementation schedule <b>Survey 2023</b>	9	15%*
Transparency of the selection process	25	10%
Other	7	3%
<i>Total number of occurrences</i>	1515	

# GENERAL OPINION OF FRENCH PIS ON THE PROGRAMME 2003-2022 NEGATIVE COMMENTS



Weaknesses of this program	Number of occurrences (out of 675)	% of funded projects
Insufficient financial means to cover a project	141	56%
Financial means insufficient for the expenditure of mobility (per diem)	76	30%
Lack of transparency in the selection process	74	29%
Insufficient communication on the evaluation's results	72	28%
Difficult to continue the collaboration	72	28%
Financial means insufficient for the expenditure of mobility (transport)	55	22%
Implementation schedule <b>Survey 2023</b>	9	15%*
Too low number of mobilities	35	14%
Too short duration of mobilities	32	13%
Heaviness of the process of applications	27	11%
Administrative complexity	25	10%
Length of support too short	19	7%
Too long duration of mobilities	11	4%
Flexibility of the programme for actions co-financed with the brasilian partner <b>Survey 2023</b>	1	2%*
Financial autonomy towards your institution <b>Survey 2023</b>	1	2%*
Other	25	10%
<i>Total number of occurrences</i>	675	

# PRELIMINARY CONCLUSIONS

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

**Implication of women candidates and laureates better than the general mean**

**71% of funded projects with the participation of at least one young researcher**

**Average annual scientific coproductions better than the other programmes (1,2 vs 0,96)**

**Continuation of the cooperation with or without funding in the mean of the other programmes**

**Ongoing cooperation involves new partners in 43% of the projects**



---

**A decrease in the number of applications since 2018**

**71% of the cooperations with the same previous brasilian partner**

**A low percentage of young applicants**

**Implication of french and brasilian young researchers below the general mean**

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



# COMPARISON SURVEY 2019 – SURVEY 2023

- **Response rate : 2019 : 42% (192 responses), 2023 : 61% (62 responses)**
- **Small decrease in the average annual number of applications (-20%)**
- **Stability in the number of selected projects carried by young researchers (6% vs 7%)**
- **Stability in the number of women applicants (28%) and laureates (27%)**
- **Progression of the participation of young french researchers to the projects (+5%) but apparent decrease of their involvement in the scientific coproductions (-25%)**
- **Progression in the outgoing mobilities of french young researchers (+11%)**
- **Stable average annual number of scientific coproductions per project (1,2)**
- **Stability of the continuation of cooperations (83% vs 82%)**
- **Stability of the continuation of cooperations with financing (36% vs 37%)**

## PRELIMINARY RECOMMENDATIONS

- **Encourage new cooperations (only 46% of new cooperations)**
- **Encourage young researchers applications (only 6% of laureates under 40 years old)**
- **Encourage women researchers applications (only 28%)**
- **Enhance scientific coproductions (26% of projects with no scientific coproduction, 1.2 coproduction in average per project and per year)**
- **Promote both outgoing (16%) and incoming (8%) mobilities of young researchers**



MINISTÈRE  
DE L'ENSEIGNEMENT  
SUPÉRIEUR  
ET DE LA RECHERCHE

*Liberté  
Égalité  
Fraternité*

**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

**christophe.delacourt@recherche.gouv.fr**

**[robert.gardette@recherche.gouv.fr](mailto:robert.gardette@recherche.gouv.fr)**

**marie-pierre.macian@recherche.gouv.fr**