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### FRANCE – USA

# Impact analysis of CHATEAUBRIAND FELLOWSHIPS (2014-2021)

## **MESR-DAEI / MEAE**

### 2025

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

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**DGRI-DGESIP/DAEI B3** 



#### **GENERAL PRESENTATION OF THE PROGRAM**

#### Creation: 1981

The Chateaubriand Fellowship is a grant offered by the Embassy of France in the United States. It supports outstanding PhD students from U.S institutions who wish to conduct part of their doctoral research in France for a period ranging from 4 to 9 months.

Total budget : around 280 k€ / year Average budget per project : around 8 k€ / year

Number of new funded projects per year : around 45

From 2014-2021 : 787 applications submitted 363 projects funded



## French Embassy (2014-2021)

• Information about the CHATEAUBRIAND applications

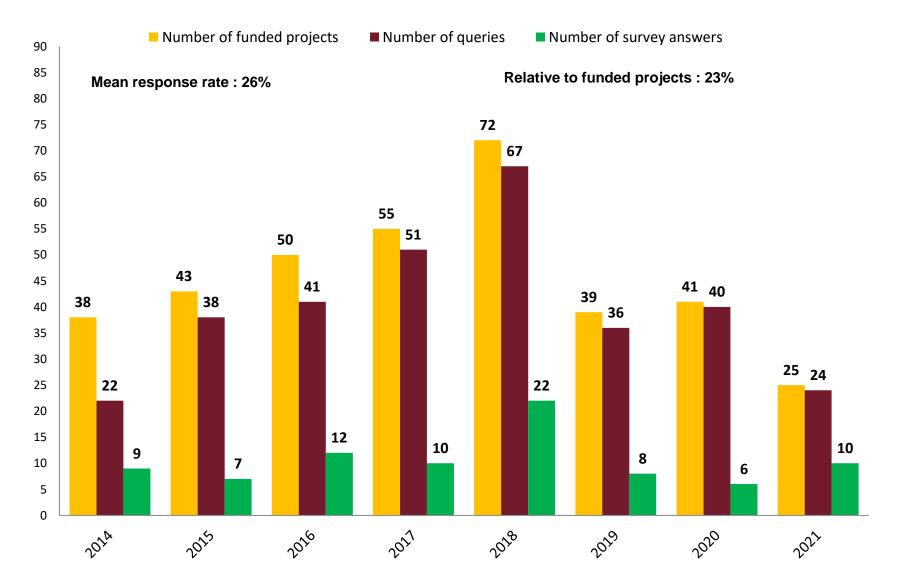
## Survey (2014-2021)

- Target : PhD students selected from 2014 to 2021
- Survey duration : from October to November 2024
  26% response ratio (84 respondents for 323 queries)

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### **ANSWERS TO THE SURVEY**

#### Average response rate to the surveys : 26 % (84 answers)



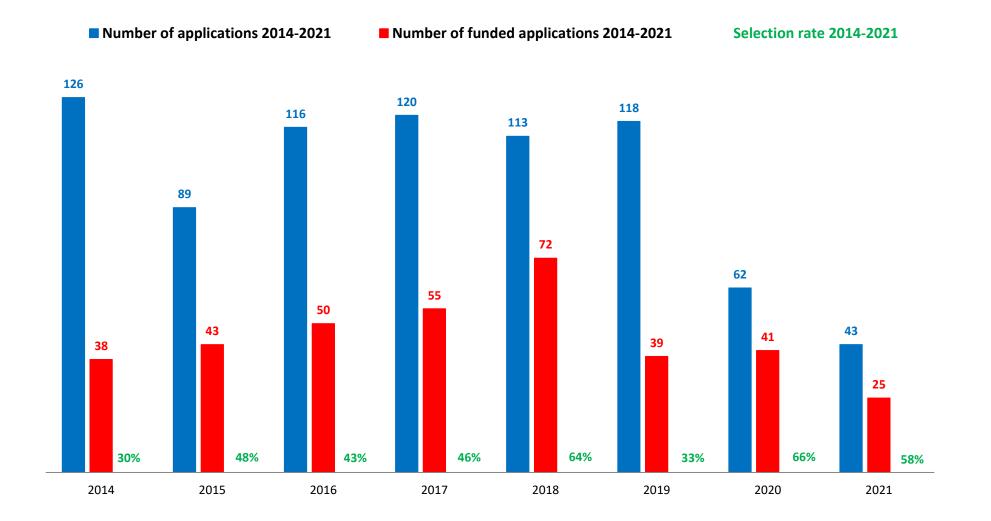
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> **2014-2021 KEY POINTS**

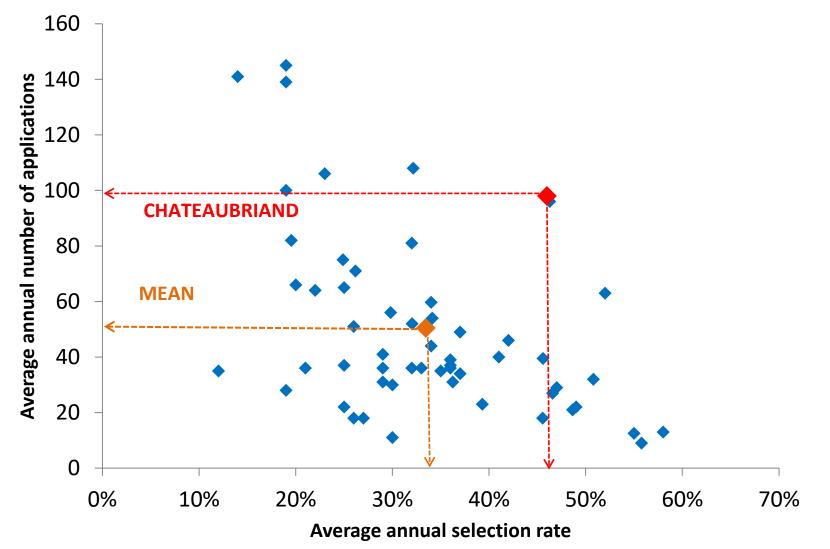
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#### **NUMBER OF APPLICATIONS AND SELECTION RATE** Average selection rate from 2014-2021: 46%





## NUMBER OF APPLICATIONS VS SELECTION RATE (2014-2021)



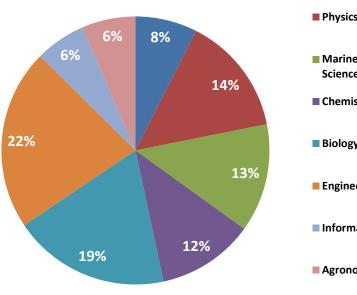
Survey 2025 : comparison of 56 programs

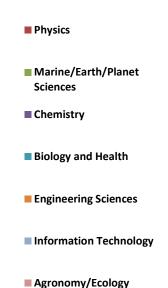


#### **SCIENTIFIC DOMAINS OF PROJECTS (2014-2021)**

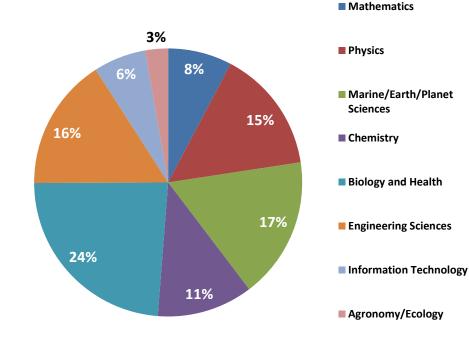
#### Number of applications : 787

#### Number of funded projects : 363





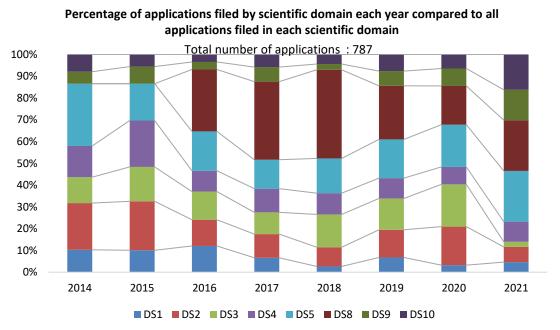
Mathematics



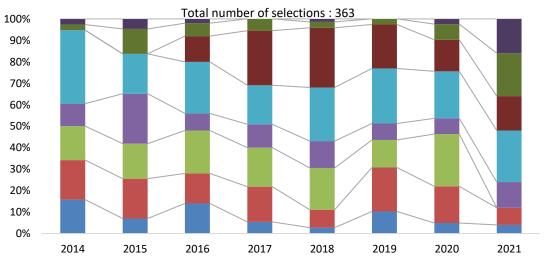
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- DS1 : Mathematics
- DS2 : Physics
- DS3 : Marine, Earth, Planet sciences
- DS4 : Chemistry
- DS5 : Biology and Health
- DS8 : Engineering sciences
- DS9 : Information technology
- DS10 : Agronomy/Ecology

#### **SCIENTIFIC DOMAINS : EVOLUTION 2014-2021**

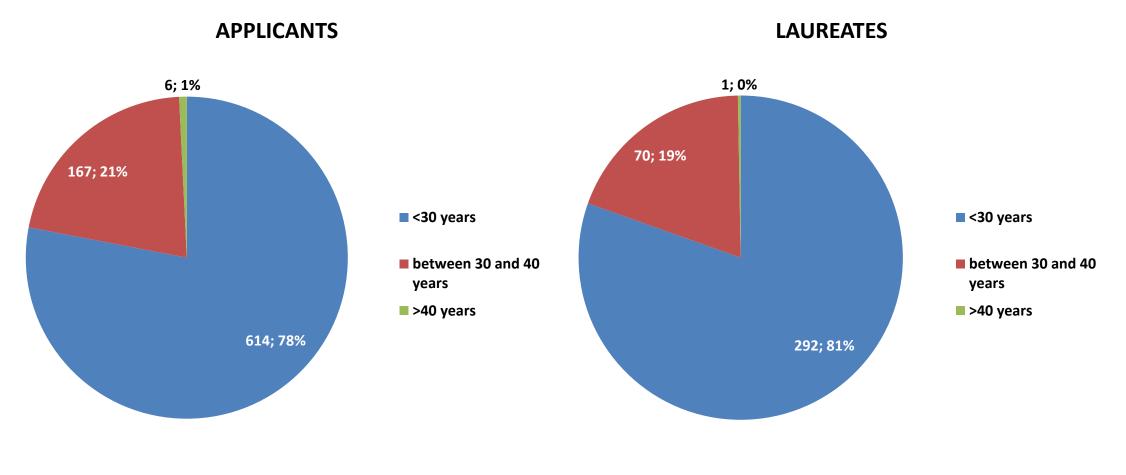


Percentage of selections filed by scientific domain each year compared to all selections filed in each scientific domain





#### AGE OF PHD CANDIDATES AND LAUREATES 2014-2021

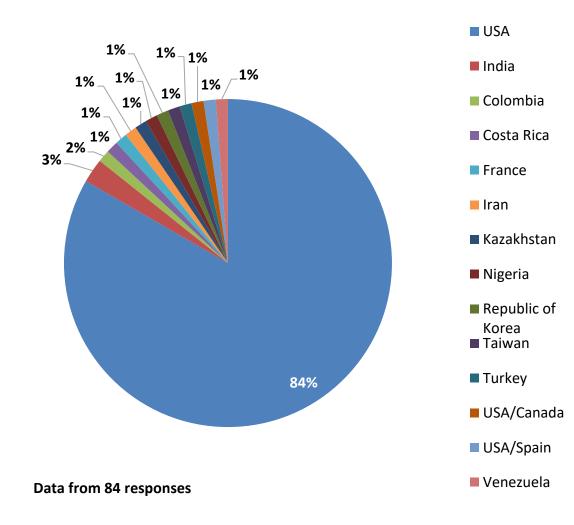


Data from 787 applications

Data from 363 selections

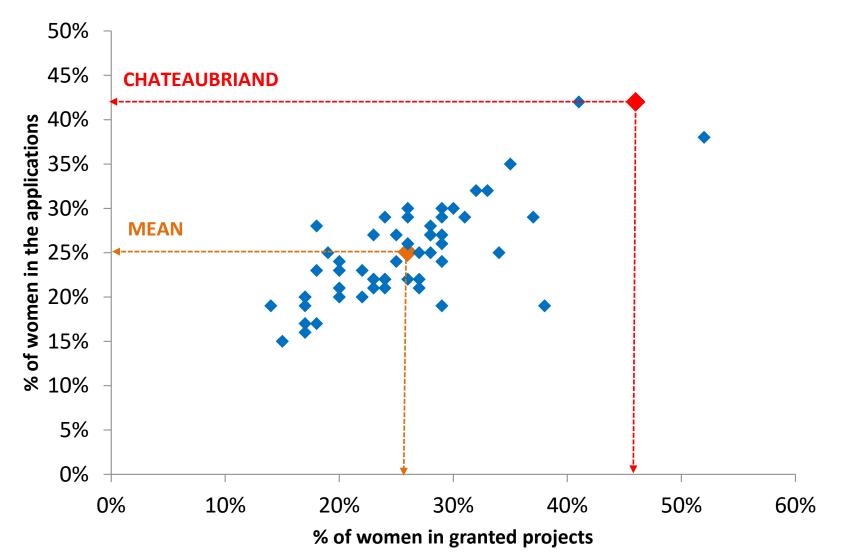
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#### NATIONALITY OF PHD LAUREATES 2014-2021 (DATA FROM THE SURVEY)



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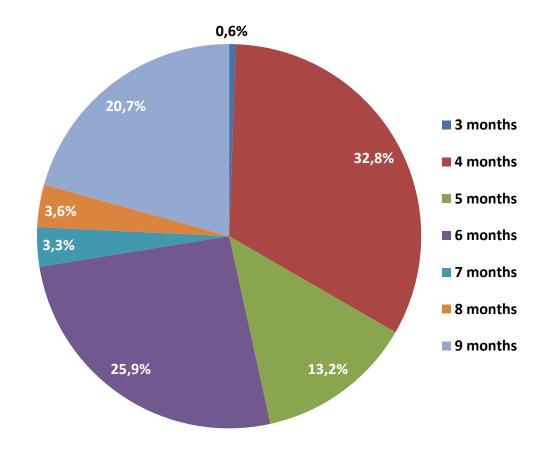
### **IMPLICATION OF WOMEN (2014-2021)**



Survey 2025 : 56 programs

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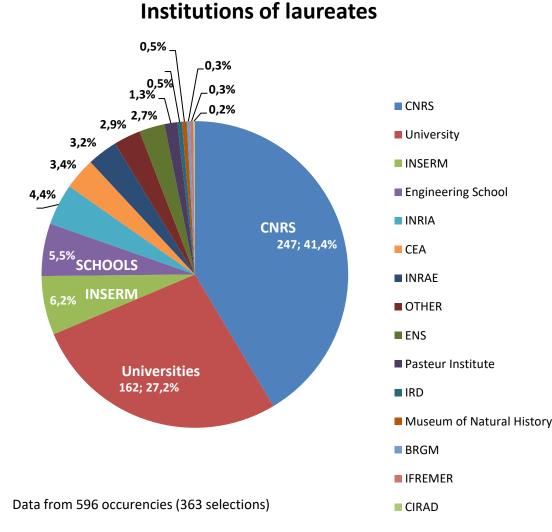
#### **MOBILITY DURATION 2014-2021**



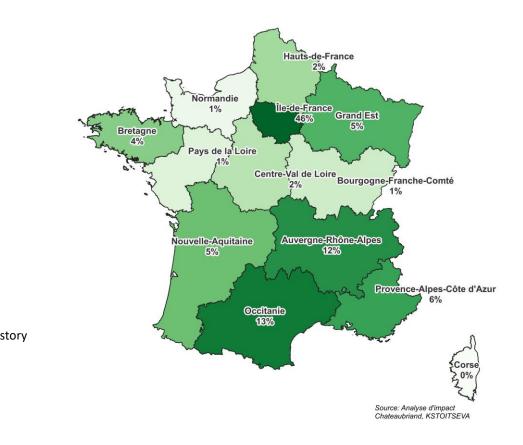
Data from 363 mobilites



# FRENCH PARTICIPATING INSTITUTIONS AND REGIONAL DISTRIBUTION OF SELECTED PROJECTS (2014-2021)



**Regional percentages of selections** 



Total number of selections : 363 including Polynésie française (1%) et la Réunion (1%)



#### **US PARTICIPATING INSTITUTIONS AND REGIONAL DISTRIBUTION OF SELECTED PROJECTS (2014-2021)**

University of California, San Diego

University of California, Berkeley University of Colorado, Boulder

The Pennsylvania State University

Colorado State University

University of Pittsburgh

Johns Hopkins University Northwestern University

Texas A&M University University of Chicago

University of California, Davis

University of California, Santa Cruz

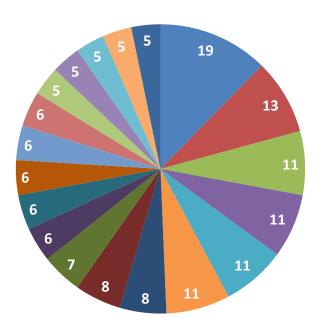
University of Florida Columbia University

Georgia Tech

Duke University

MIT

#### 19 main institutions (5 or more grants)



Data from 363 selections

**Regional grant distribution** 



Source: Analyse d'impact Chateaubriand, Puerto.Rico KSTOITSEVA

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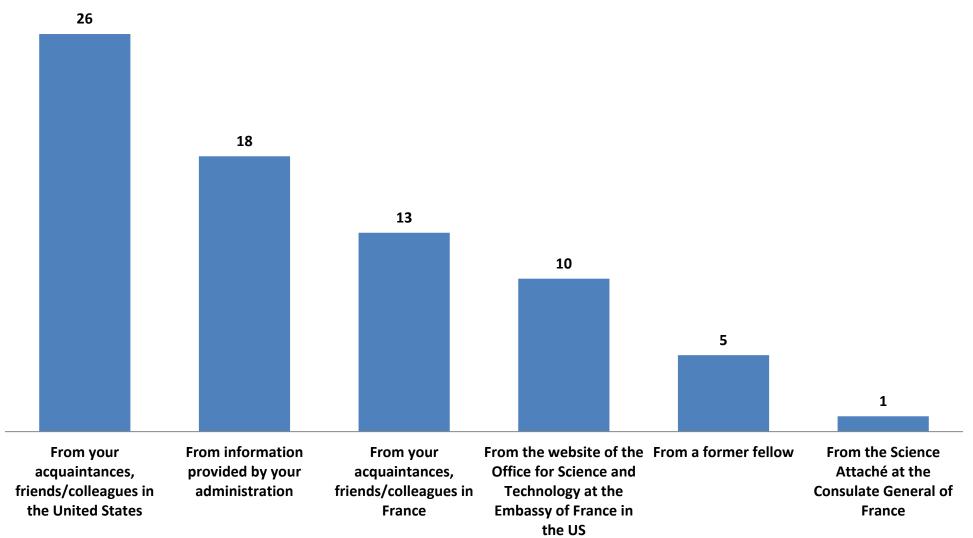
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# BEFORE THE STAY IN FRANCE

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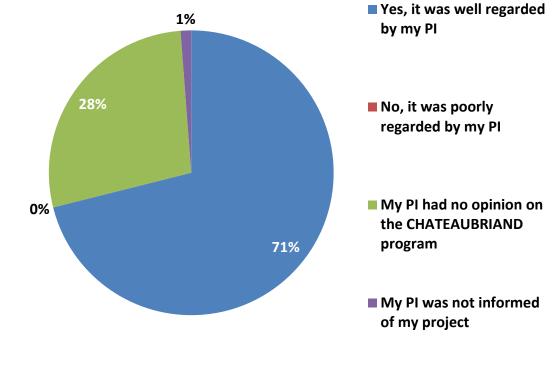
#### HOW DID YOU LEARN ABOUT THE CHATEAUBRIAND PROGRAM ?

Data from 84 responses



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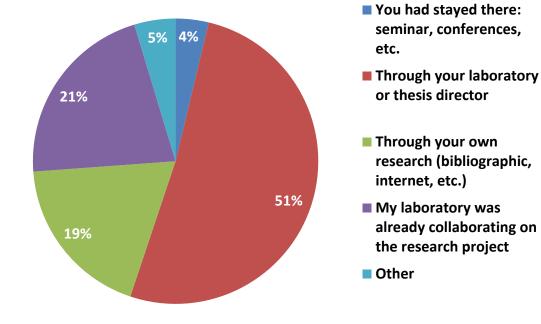
#### WERE YOU ENCOURAGED TO APPLY TO THE CHATEAUBRIAND PROGRAM ?



Data from 83 responses



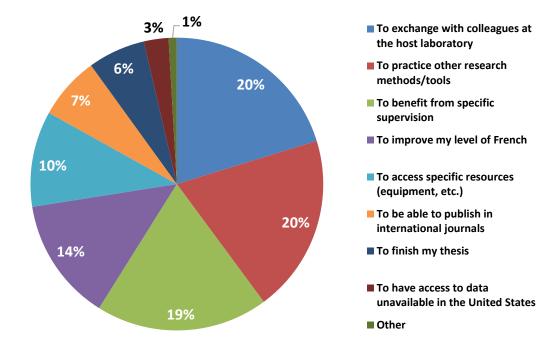
#### HOW DID YOU FIND OUT ABOUT YOUR HOST INSTITUTION IN FRANCE ?



107 items from 83 responses

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#### WHAT WERE YOUR EXPECTATIONS WHEN APPLYING TO THE CHATEAUBRIAND PROGRAM ?



#### 331 items from 83 responses

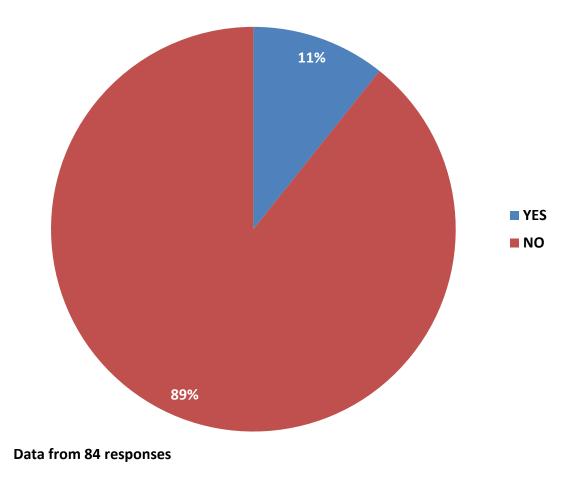
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# DURING THE STAY IN FRANCE

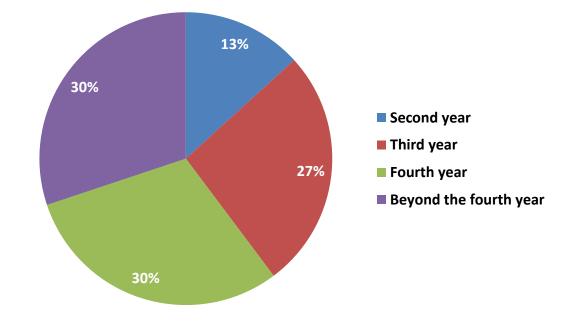
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#### **THESIS IN COTUTELLE OR CODIRECTION ?**





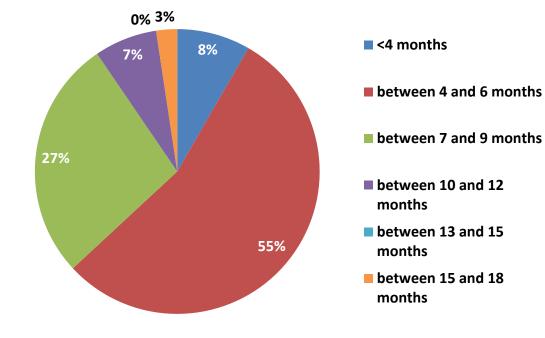
# IN WHICH YEAR OF YOUR THESIS WERE YOU AT THE TIME OF DEPARTURE?



#### Data from 84 responses

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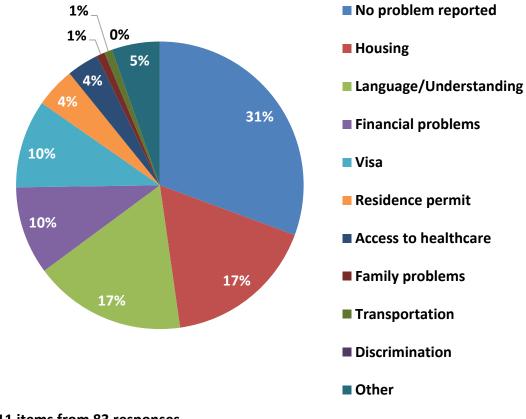
#### **DURATION OF YOUR STAY IN FRANCE**



Data from 84 responses

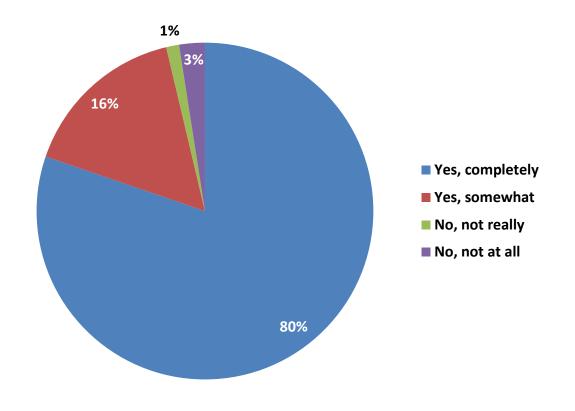
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#### DID YOU ENCOUNTER MATERIAL DIFFICULTIES THAT HINDERED YOUR STAY?





# DID THE SUPERVISION AND HOST LABORATORY MEET YOUR INITIAL EXPECTATIONS?



Data from from 83 responses

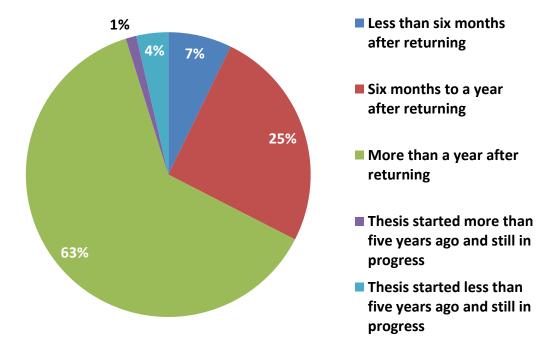
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# AFTER THE STAY IN FRANCE

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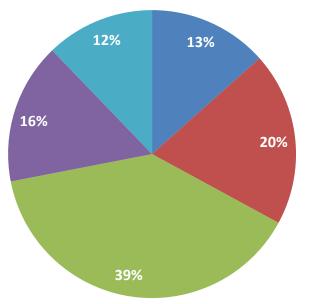
#### HOW LONG AFTER RETURNING TO THE UNITED STATES DID YOU DEFEND YOUR THESIS?



Data from 83 responses

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#### WHAT IS YOUR CURRENT STATUS?



- Permanent position in a research organization in the United States, France, or another country
- country
  Permanent position at a university in the United States, France, or another country
- Position in the industry in the United States, France, or another country
- Postdoctoral position in the United States,
   France, or another country
- Other status

Data from 82 responses

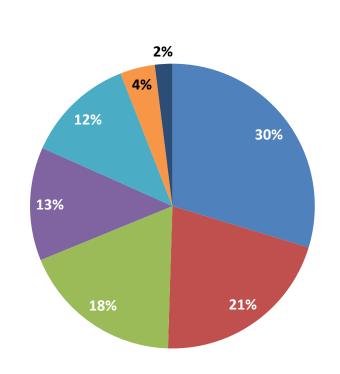
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## HOW DID YOUR RESEARCH WORK IN FRANCE CHANGE COMPARED TO YOUR PRACTICES IN THE UNITED STATES ?

## 

% of laureates

- You used other "materials"/research methods
- You had the opportunity to participate in conferences and/or seminars
- You progressed faster in your thesis
- You had the opportunity to publish
- You reoriented your thesis
- The stay did not change the thesis itself
- Other



#### % of items

- You used other "materials"/research methods
- You had the opportunity to participate in conferences and/or seminars
- You progressed faster in your thesis
- You had the opportunity to publish
- You reoriented your thesis
- The stay did not change the thesis itself

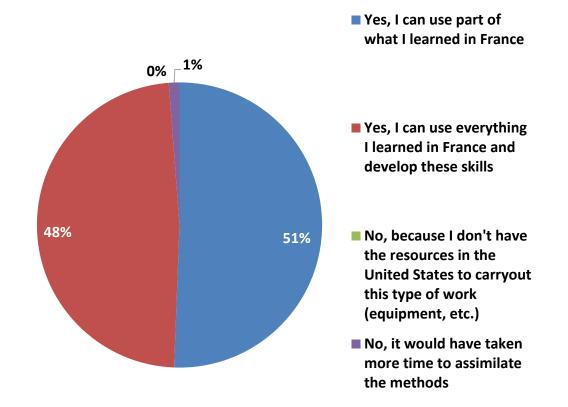
Other

Data from 82 responses

202 items from 82 responses



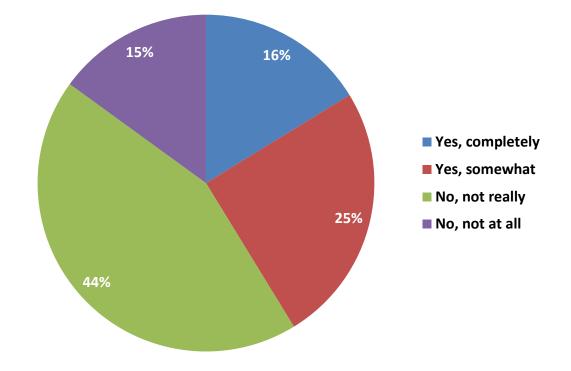
#### WERE YOU ABLE TO USE THE EXPERIENCE GAINED DURING YOUR STAY IN FRANCE?



Data from 83 responses



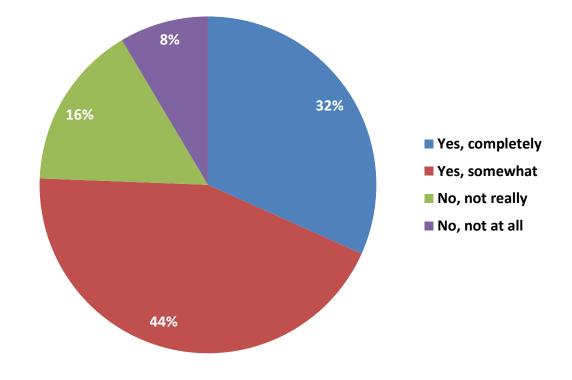
#### WOULD YOU SAY THAT THE GRANT HAD AN IMPACT ON YOUR TEACHING STYLE?



Data from 80 responses

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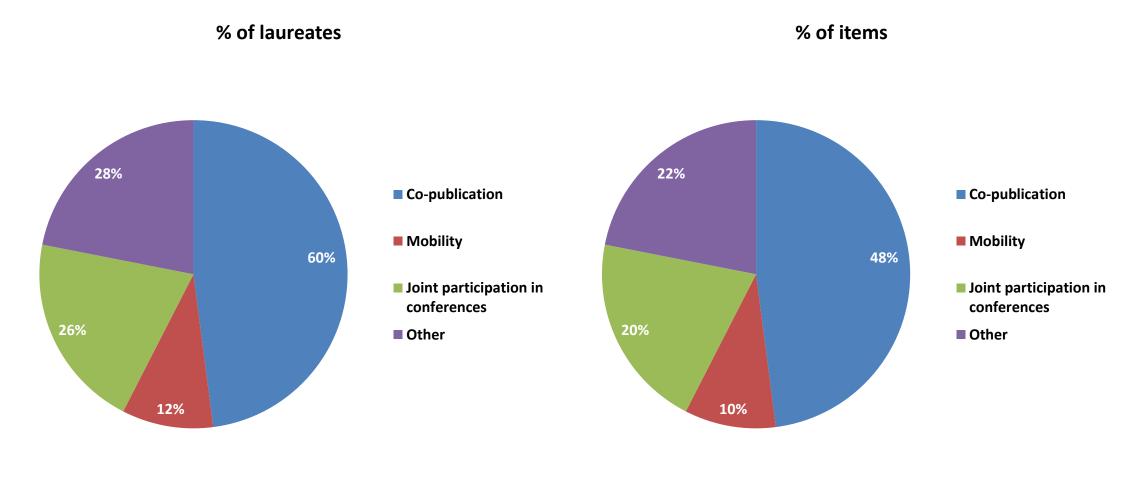
#### HAVE YOU KEPT IN TOUCH WITH YOUR HOST LABORATORY IN FRANCE?



Data from 82 responses



#### IF YOU HAVE KEPT IN TOUCH WITH YOUR HOST LABORATORY, WHAT TYPE OF RELATIONSHIP DO YOU HAVE?

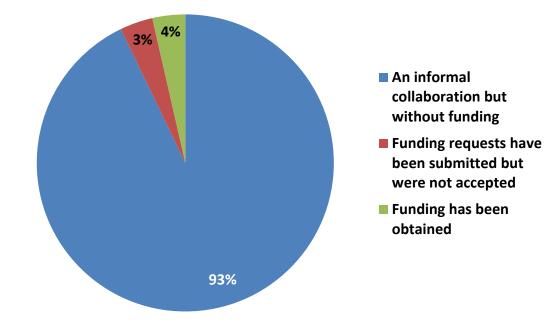


#### Data from 58 responses

73 items from 58 responses



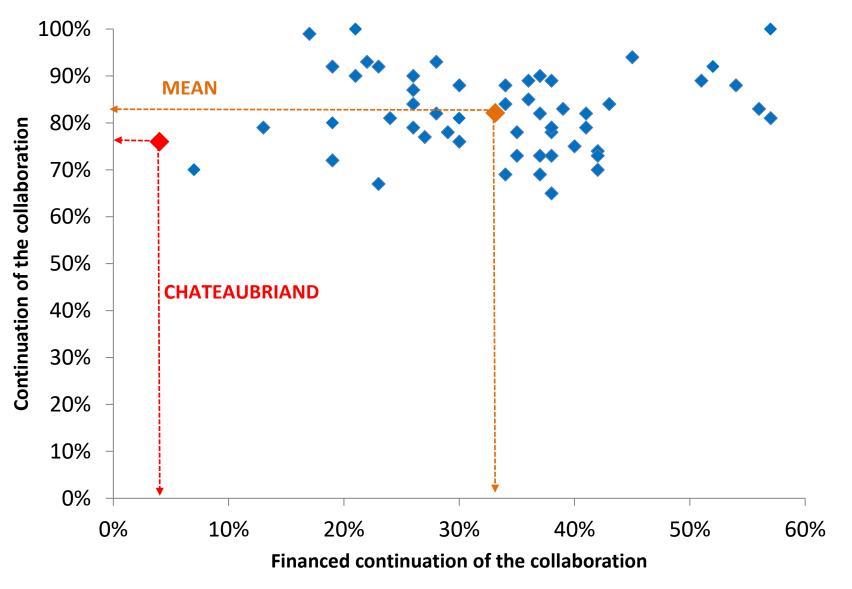
#### IF THE COLLABORATION CONTINUES, HOW WILL IT PROCEED?



Data from 56 responses

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### **CONTINUATION OF THE COOPERATION**



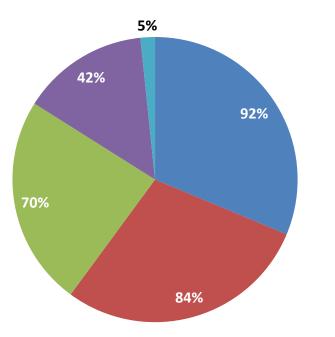
Survey 2025 : 56 programs



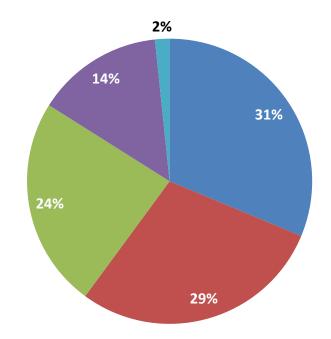
### ULTIMATELY, WHAT WERE THE MAIN EFFECTS OF YOUR CHATEAUBRIAND STAY ON YOUR RESEARCH ?

% of laureates

#### % of items



- Develop relationships with French teams
- Significantly enhance your professional and research prospects
- Conduct a more advanced thesis/research project
- Increase your chances of publishing in top-tier international journals
- Other



- Develop relationships with French teams
- Significantly enhance your professional and research prospects
- Conduct a more advanced thesis/research project
- Increase your chances of publishing in top-tier international journals
- Other

Data from 83 responses

#### 243 items from 83 responses

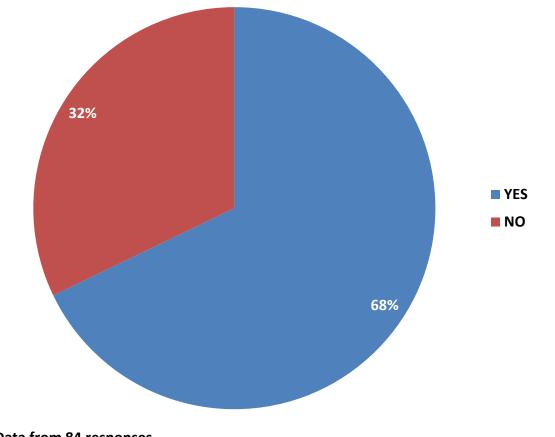
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SCIENTIFIC PRODUCTION (PROJECTS 2014-2021)



### **DID YOUR THESIS RESULT IN JOINT SCIENTIFIC PRODUCTION WITH THE FRENCH LABORATORY?**



Data from 84 responses



## **SCIENTIFIC PRODUCTION 2014-2021**

### (DATA FROM THE FRENCH EMBASSY AND THE SURVEY)

### Funded projects 2014-2021

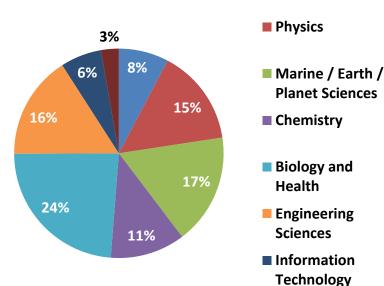
Mathematics

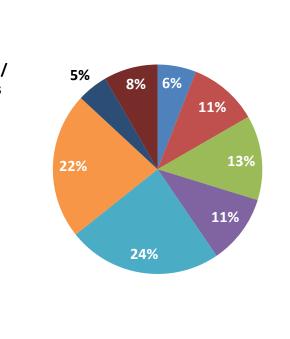
Agronomy /

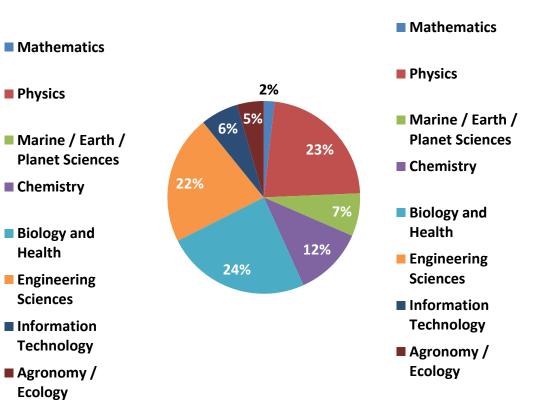
Ecology

### Responses to the survey 2014-2021

#### Coproductions 2014-2021







363 funded projects

### 84 responses

### Analysis of 111 coproductions

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## ELIGIBLE SCIENTIFIC PRODUCTION (2014-2021) 2025 SURVEY

	Number of funded projects 2025 survey	Average number of scientific coproductions per project 2025 survey
Mathematics	5	0,4
Physics	9	2,8
Marine/Earth/Planet Sciences	11	0,7
Chemistry	9	1,4
Biology and Health	20	1,4
Engineering Sciences	19	1,3
Information Technology	4	1,8
Agronomy / Ecology	7	0,7
TOTAL/MOYENNE	84	1,3

**Overall average number of scientific coproductions per project : 1,3 vs 1,9 mean** 

64% of funded projects led to at least 1 eligible scientific coproduction

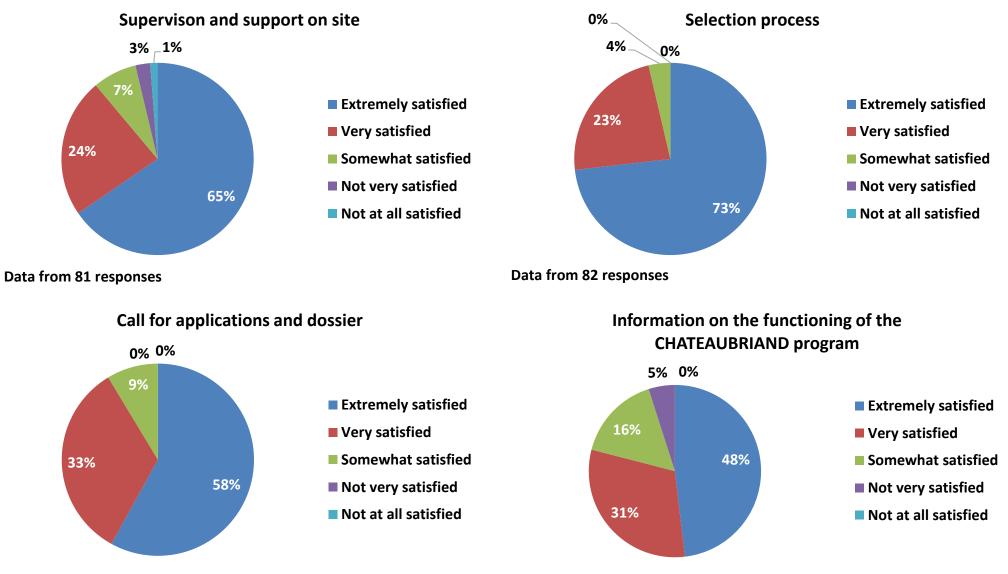
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## GENERAL OPINION ON THE CHATEAUBRIAND FELLOWSHIPS



## WHAT IS YOUR LEVEL OF OVERALL SATISFACTION WITH THE FOLLOWING POINTS ?

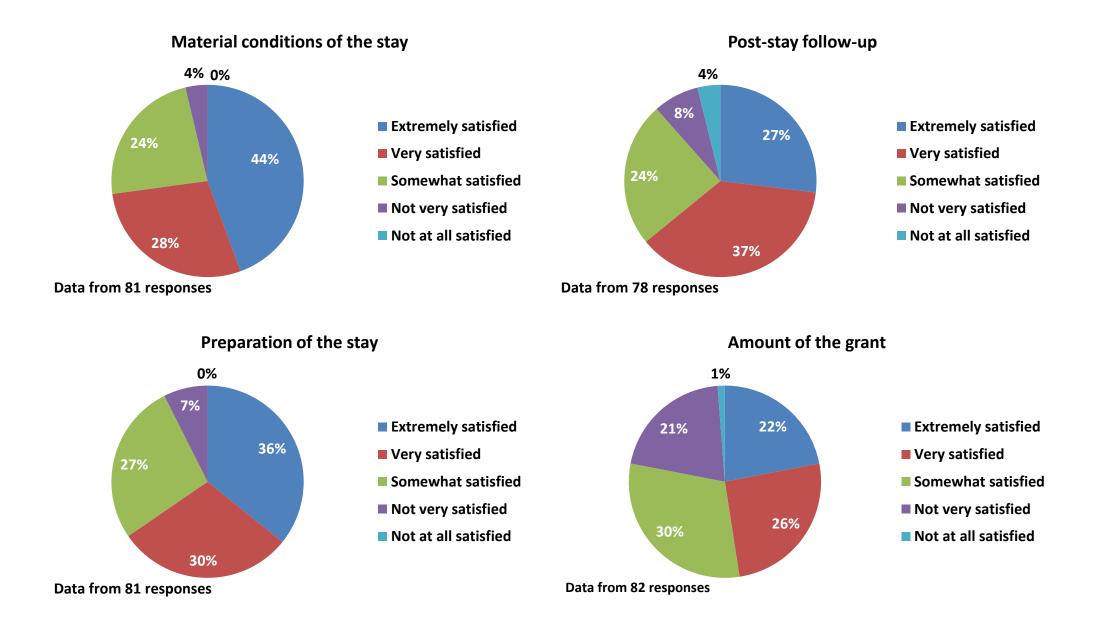


Data from 81 responses

Data from 81 responses



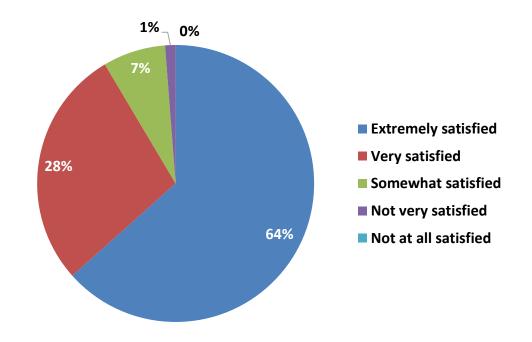
# WHAT IS YOUR LEVEL OF OVERALL SATISFACTION WITH THE FOLLOWING POINTS ?





### WHAT IS YOUR OVERALL LEVEL OF SATISFACTION WITH THE ENTIRE CHATEAUBRIAND PROGRAM?

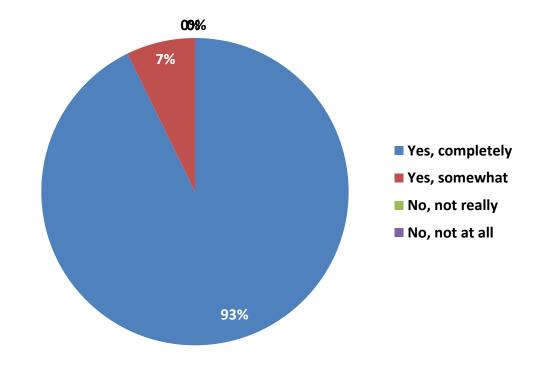
### **99%** of Chateaubriand laureates are satisfied



Data from 82 responses



# WOULD YOU RECOMMEND THIS PROGRAM TO FUTURE DOCTORAL STUDENTS?



Data from 83 responses

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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.

**CONTACTS** 

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## ANNEX REGIONALISATION AND SCIENTIFIC DOMAINS (CARTOGRAPHIES)



## US REGIONAL DISTRIBUTION OF SELECTED PROJECTS (2014-2021)

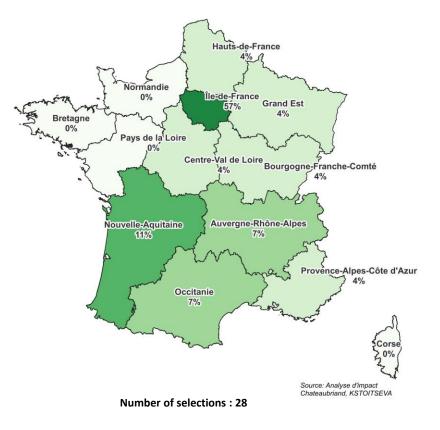


Source: Analyse d'Impact Chateaubriand, KSTOITSEVA Puerto.Rico

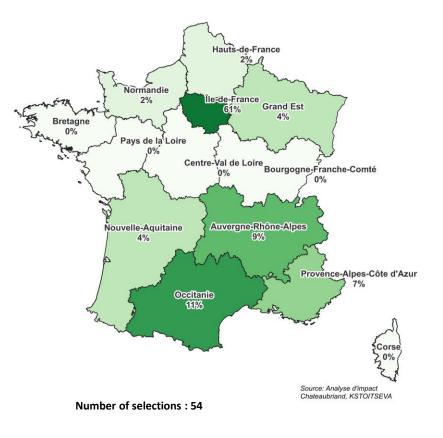


## **REGIONAL DISTRIBUTION OF SELECTED PROJECTS (2014-2021)**

### CHATEAUBRIAND FELLOWSHIP Regional percentages selections MATHEMATICS



CHATEAUBRIAND FELLOWSHIP Regional percentages selections PHYSICS



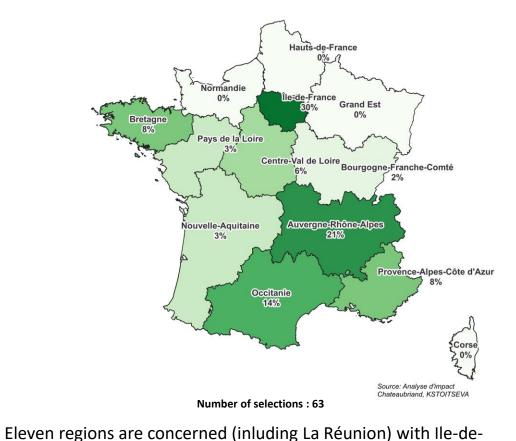
Nine regions are concerned with Ile-de-France ahead.

Eight regions are concerned with Ile-de-France ahead.

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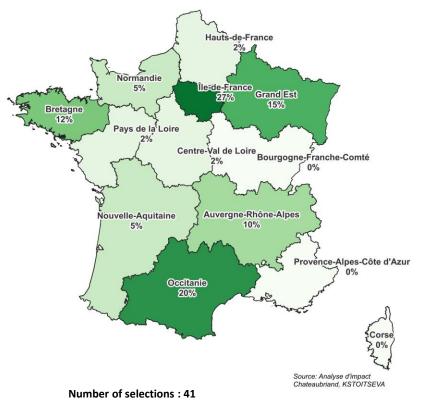
## **REGIONAL DISTRIBUTION OF SELECTED PROJECTS (2014-2021)**

CHATEAUBRIAND FELLOWSHIP Regional percentages selections MARINE, EARTH, PLANET SCIENCES



France ahead.

CHATEAUBRIAND FELLOWSHIP Regional percentages selections CHEMISTRY

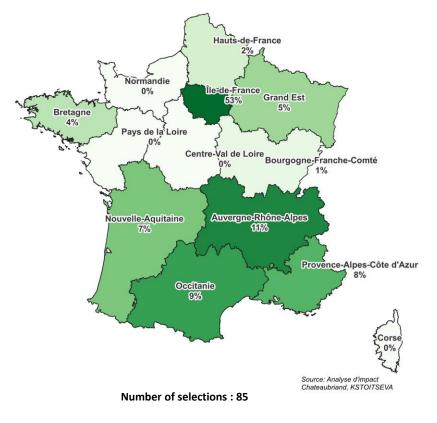


Ten regions are concerned with Ile-de-France ahead.

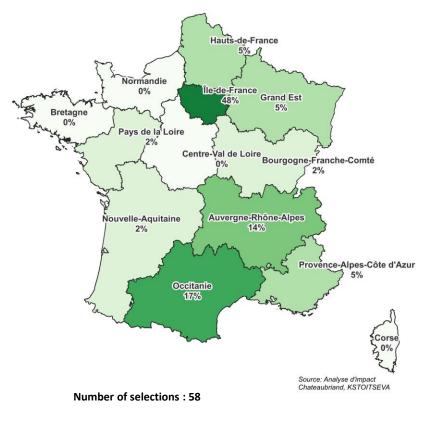


## **REGIONAL DISTRIBUTION OF SELECTED PROJECTS (2014-2021)**

### CHATEAUBRIAND FELLOWSHIP Regional percentages selections BIOLOGY AND HEALTH



CHATEAUBRIAND FELLOWSHIP Regional percentages selections ENGINEERING SCIENCES



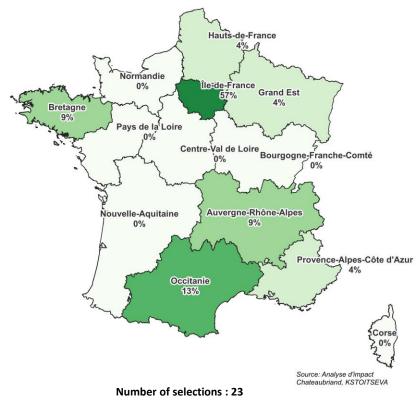
Nine regions are concerned with Ile-de-France ahead.

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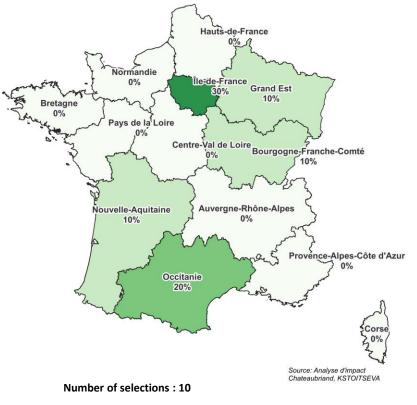
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## **REGIONAL DISTRIBUTION OF SELECTED PROJECTS (2014-2021)**

CHATEAUBRIAND FELLOWSHIP Regional percentages selections INFORMATION TECHNOLOGY



CHATEAUBRIAND FELLOWSHIP Regional percentages selections AGRONOMY/ECOLOGY



Seven regions are concerned with Ile-de-France ahead.

Seven regions are concerned (including La Réunion and la Polynésie française) with Ile-de-France ahead.