FRANCE – LITHUANIA

Scientific impact of the GILIBERT programme (2005-2015)

MESRI-DAEI / MEAE

2020

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

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RÉPUBLIQUE FRANÇAISE
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ET DE L'INNOVATION

GENERAL PRESENTATION OF THE PROGRAMME

Creation : 2003

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

Total budget (France + Lithuania, 2015) : around 54 000 € / year

>> including budget from the French part : 27 000 € / year

>> including budget from the Lithuanian part : 27 000 € / year

Average budget per project (France + Lithuania) : 4 500 € / year

Number of new projects submitted per year : around 22

Number of new projects funded per year : around 11

From 2005-2015 :

129 applications submitted

63 projects funded

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DATA SOURCES

Campus France

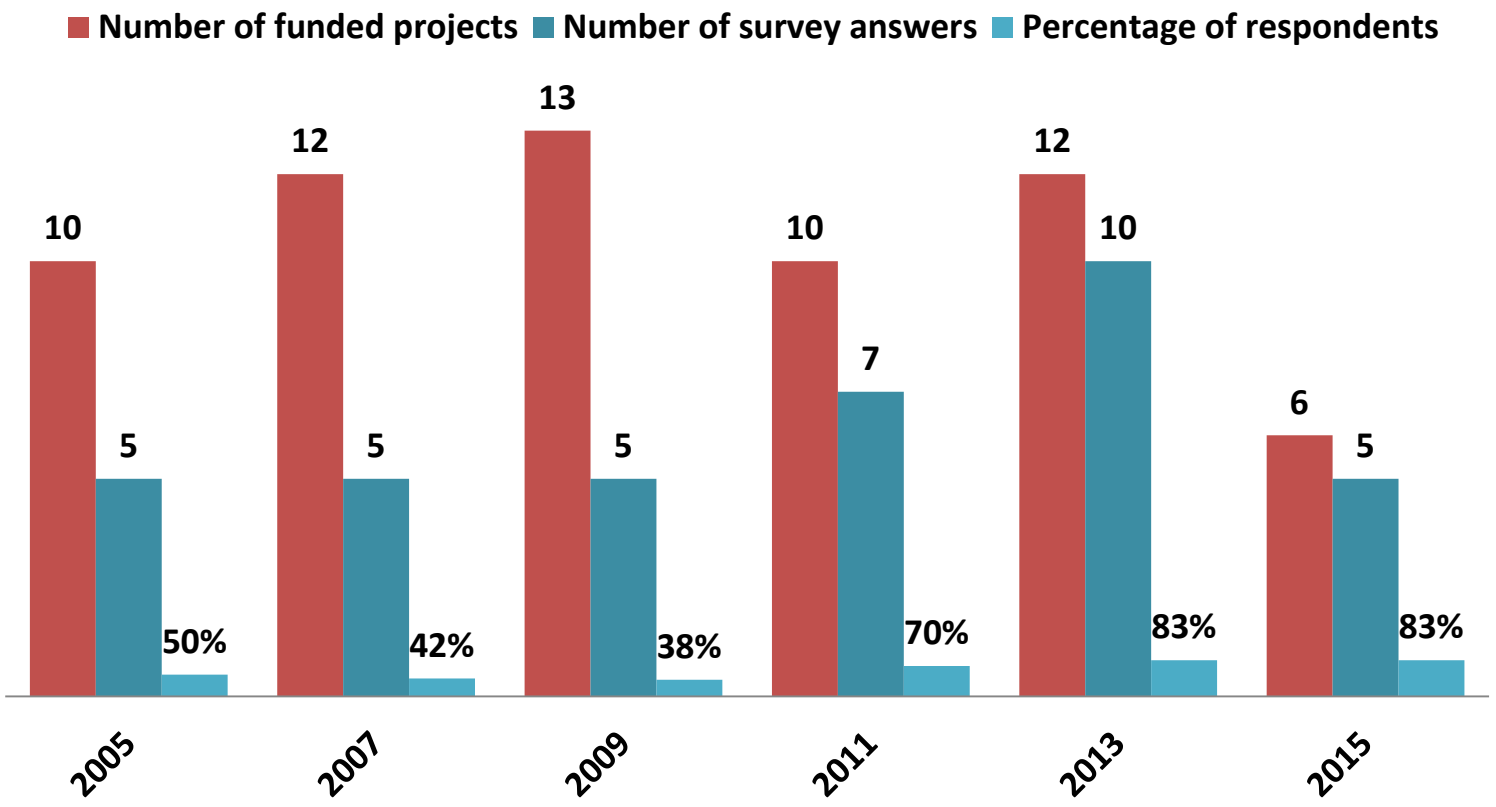
- Information about the PHC Gilibert applications
- List of mobilities (from France to Lithuania)
- Liste of mobilities (from Lithuania to France)

Survey

- Target : French Principal Investigators of selected projects between 2005 and 2015
- Survey duration : 7 weeks between November 2016 and January 2017
- **59%** response ratio (37 respondents for 63 funded projects)

ANSWERS TO THE SURVEY

Average response rate to the survey : 59% (37 answers)



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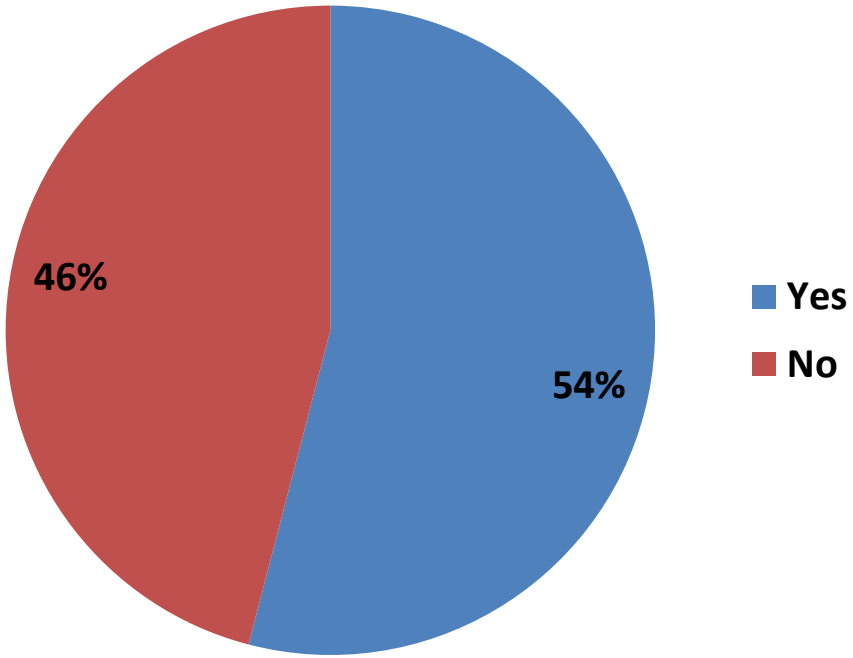
2005-2015
Key Points

BEFORE THE GILIBERT PROJECT (1/2)

Did you already cooperate with Lithuania in the past ?

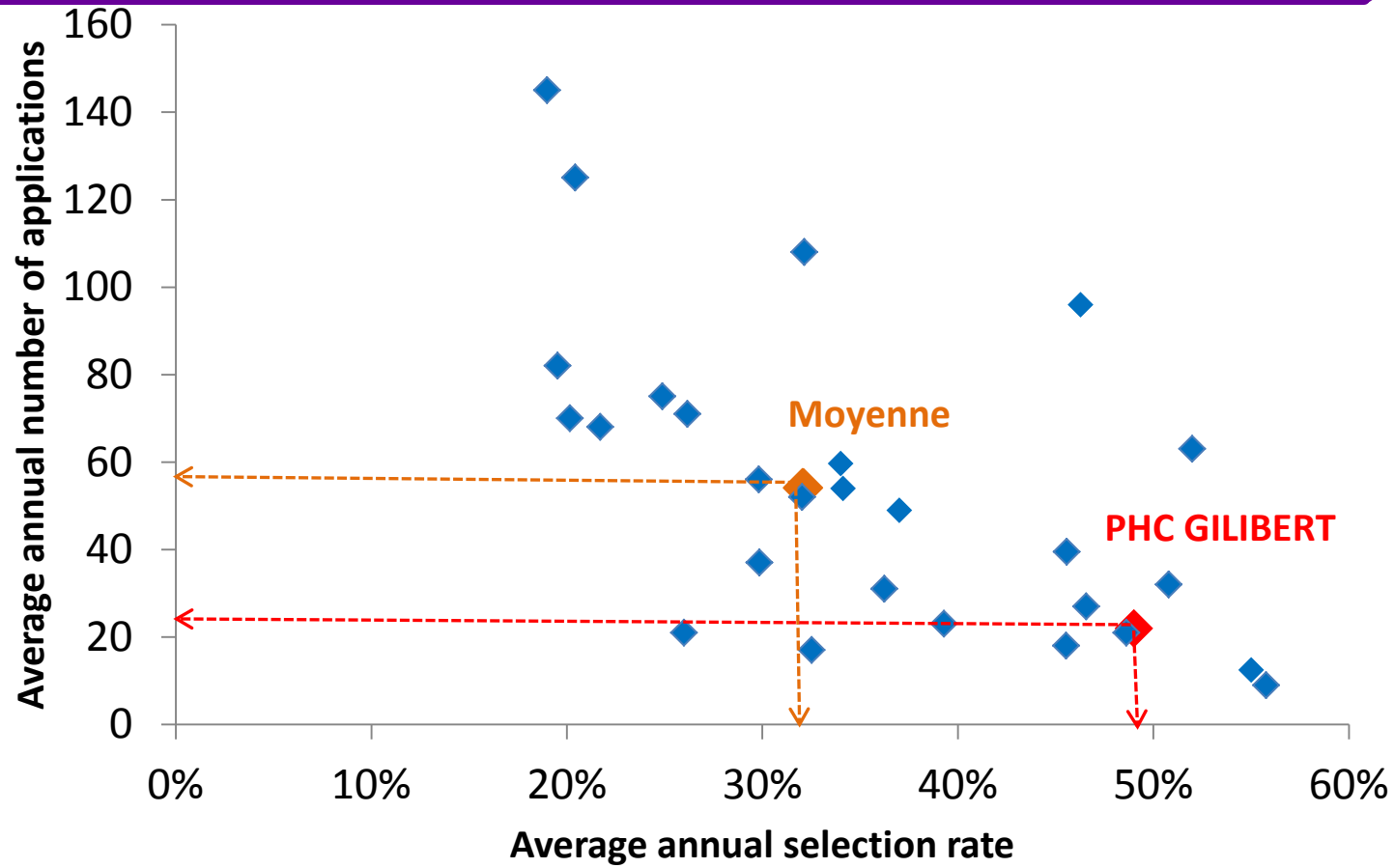


BEFORE THE GILIBERT PROJECT (2/2)

With which scientific collaboration programme ?	
Others (exchanges, postdoc, publications, meetings…)	14
European programmes (FP7, COST, ECO-NET, Marie Curie…)	6
Gilibert Programme	3
ANR (French National Research Agency), ANR-FCT	1
Joint laboratory	1
Europe H2020	1

NUMBER OF APPLICATIONS VS SELECTION RATE

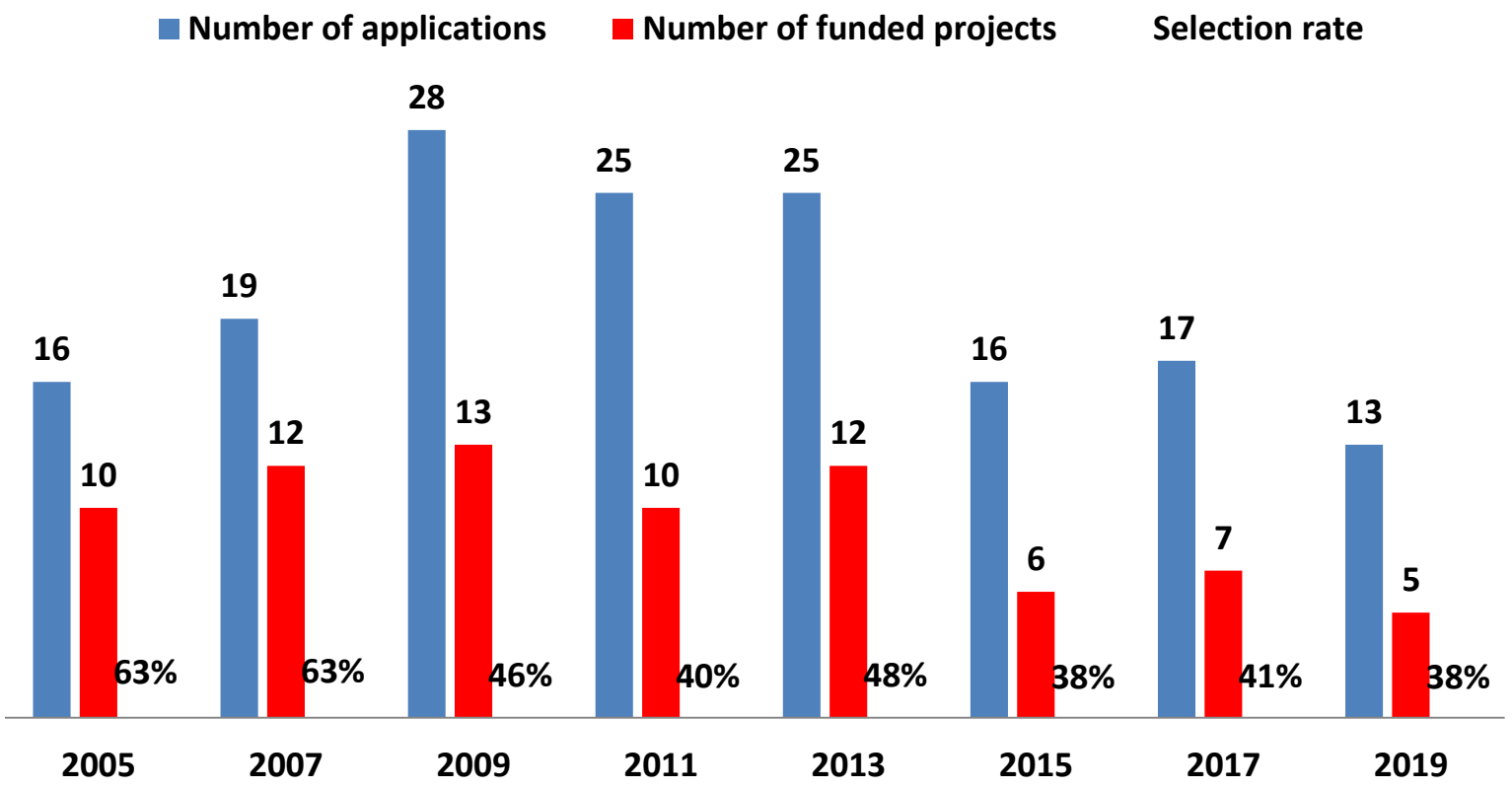
(COMPARISON BETWEEN 28 DIFFERENT BILATERAL PROGRAMMES)



Average selection rate for 2005-2015 : 49% vs 32% mean
Average number of applications 2005-2015 : 22 vs 54 mean

NUMBER OF APPLICATIONS AND SELECTION RATE

Average selection rate from 2005-2019 : 49 %



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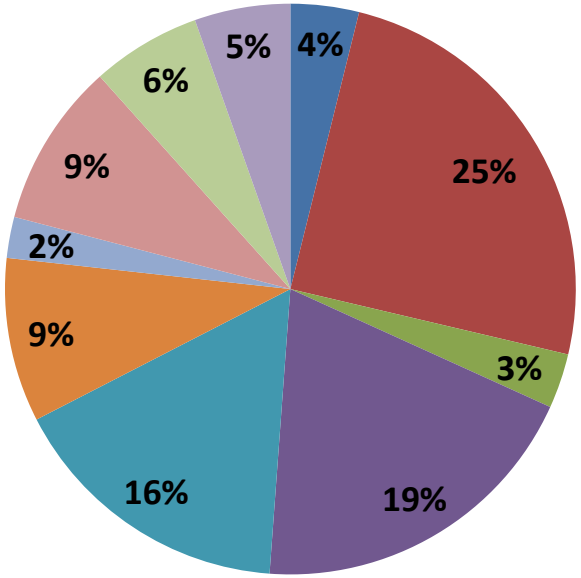
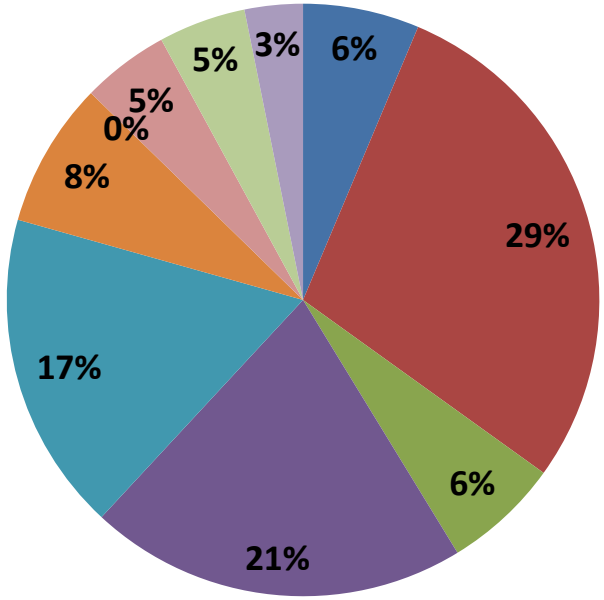
SCIENTIFIC DOMAINS OF PROJECTS

Number of applications : 129



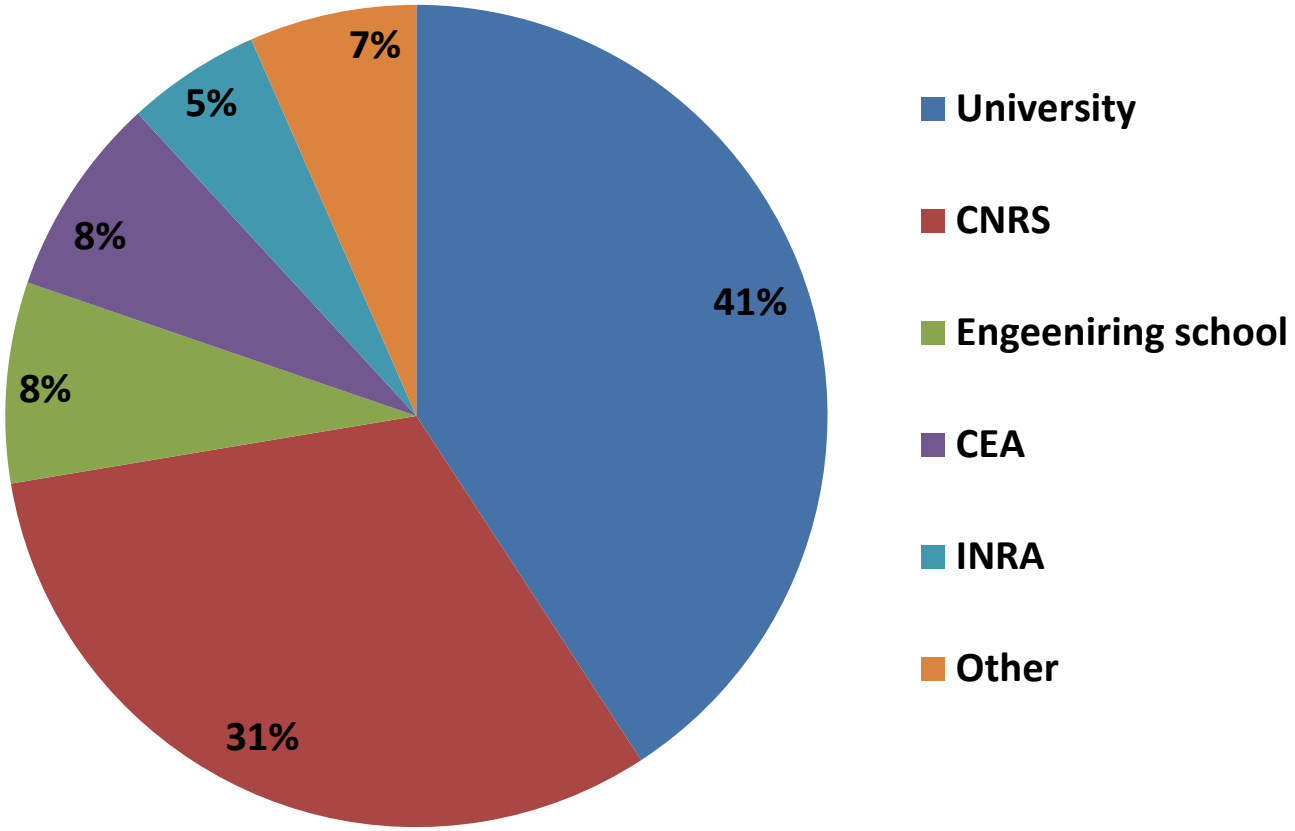
Number of funded projects : 63



- Mathematics
- Physics
- Marine/Earth/Planet Sciences
- Chemistry
- Biology and Health
- Humanities
- Social Sciences
- Engineering Sciences
- Information Technology
- Agronomy/Ecology

FRENCH PARTICIPATING INSTITUTIONS

Laboratories authorities



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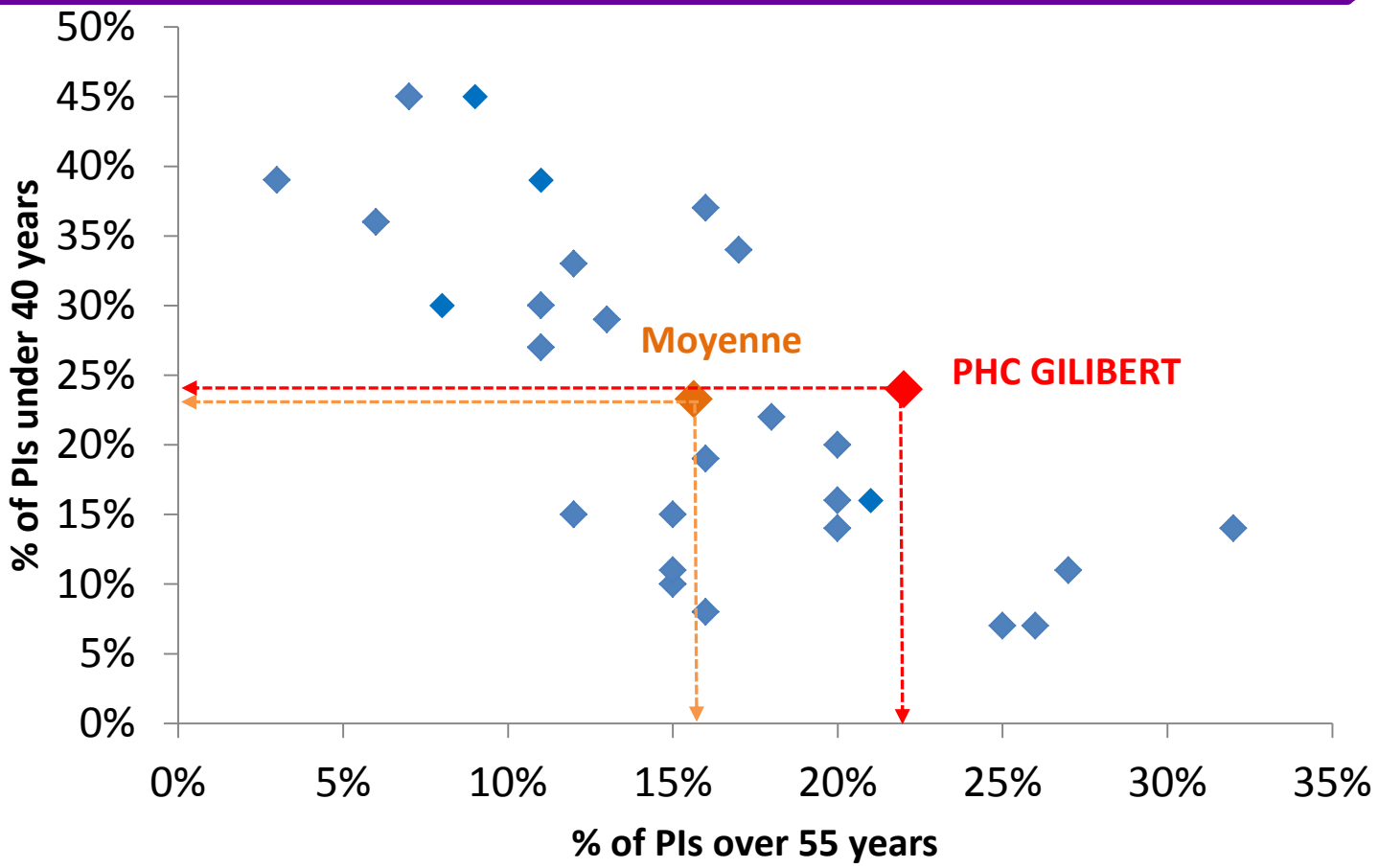
AGE OF PRINCIPAL INVESTIGATORS (PI)

(COMPARISON BETWEEN 28 DIFFERENT BILATERAL PROGRAMMES)



PIs under 40 years : 24% vs 23% mean

PIs over 55 years : 22% vs 16% mean

54% of the PIs are between 40 and 55 years

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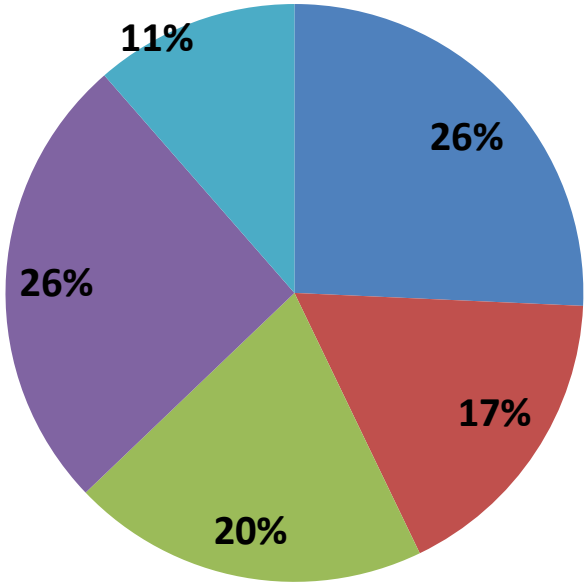
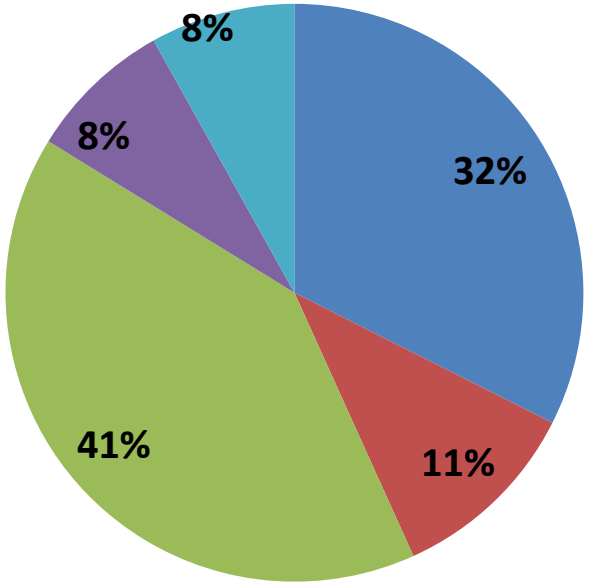
FRENCH PIS (PRINCIPAL INVESTIGATORS) : STATUS

Previous professional status (at the beginning of the project)



Current professional status



Full professor
Assistant professor
Senior researcher
Junior researcher
Other

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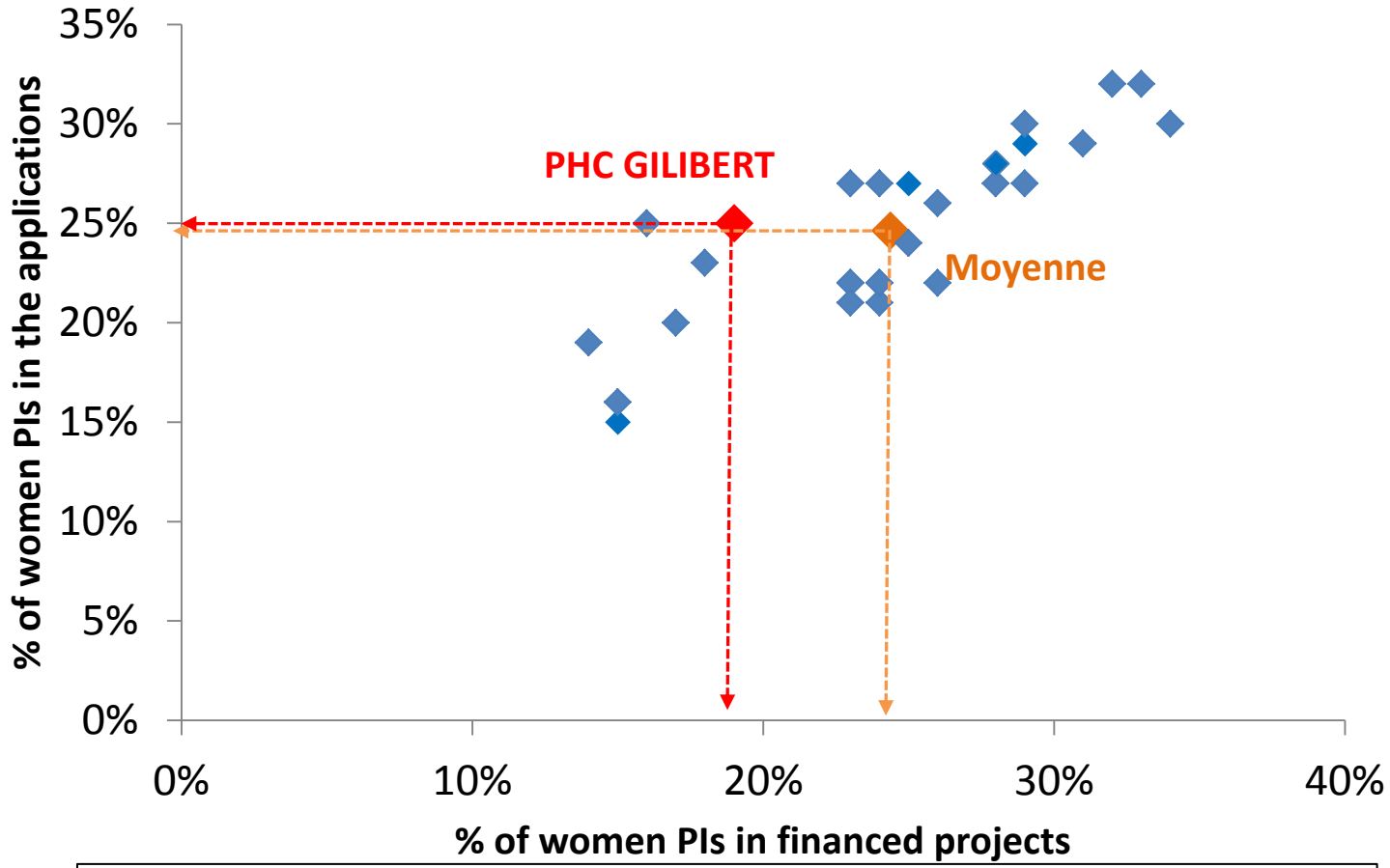
IMPLICATION OF WOMEN (FRANCE)

(COMPARISON BETWEEN 28 DIFFERENT BILATERAL PROGRAMMES)

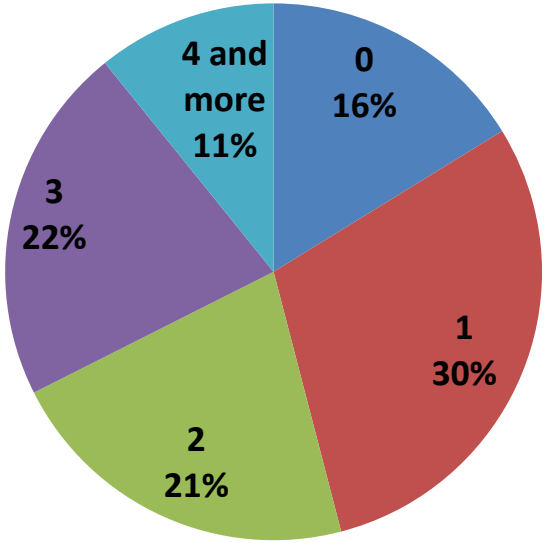


% of women PIs in the applications : 25% vs 25% mean

% of women PIs in the selected projects : 19% vs 24% mean

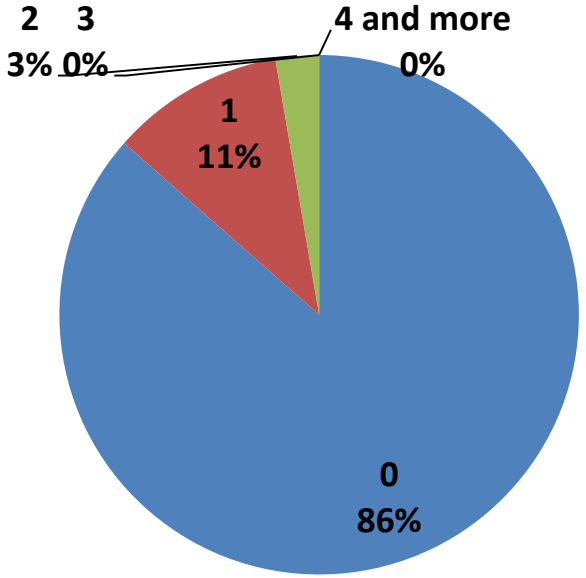
PARTICIPATION OF FRENCH YOUNG RESEARCHERS

Number of PhD students



84% of projects involve at least one PhD student

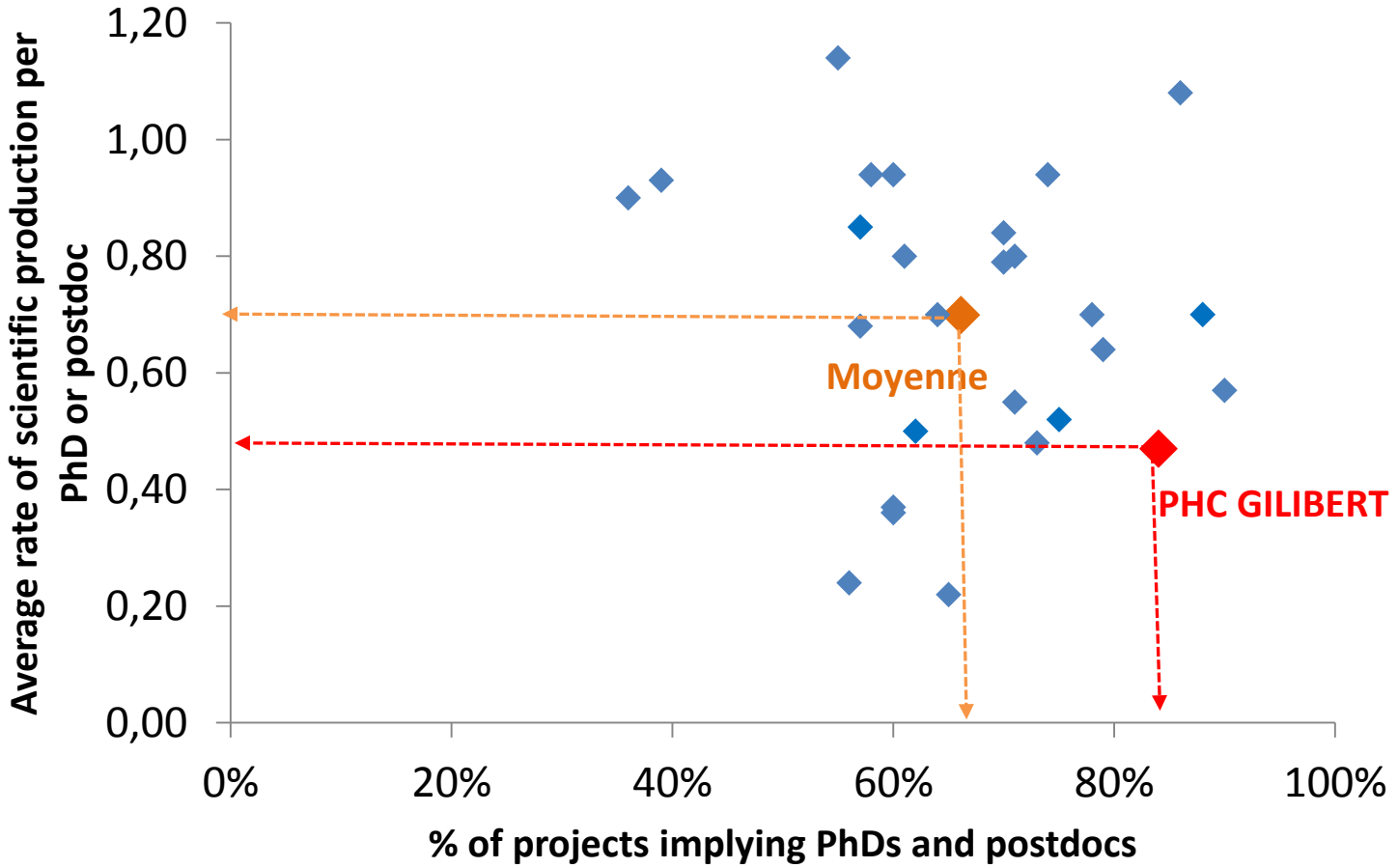
Number of post-doctoral researchers



14% of projects involve at least one post-doctoral researcher

IMPLICATION OF PhDs

(COMPARISON BETWEEN 28 DIFFERENT BILATERAL PROGRAMMES)

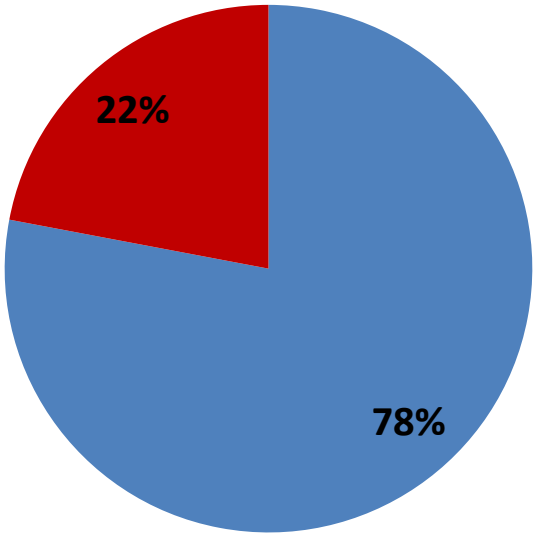


% of projects implying PhDs and Post-doc : 84% vs 66% mean
Average rate of scientific production per PhD : 0,47 vs 0,70 mean

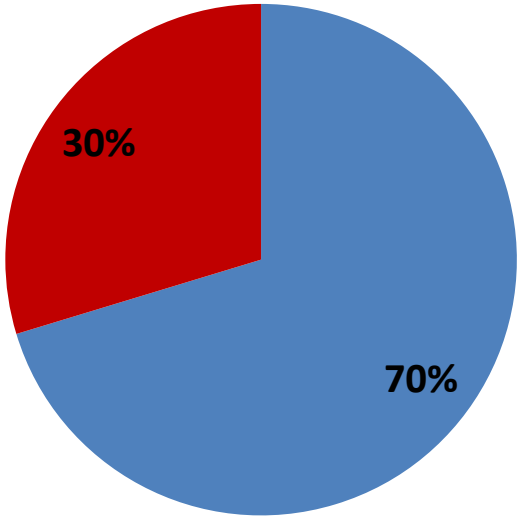
MOBILITY

MOBILITY : GENDER DISTRIBUTION

France → Lithuania

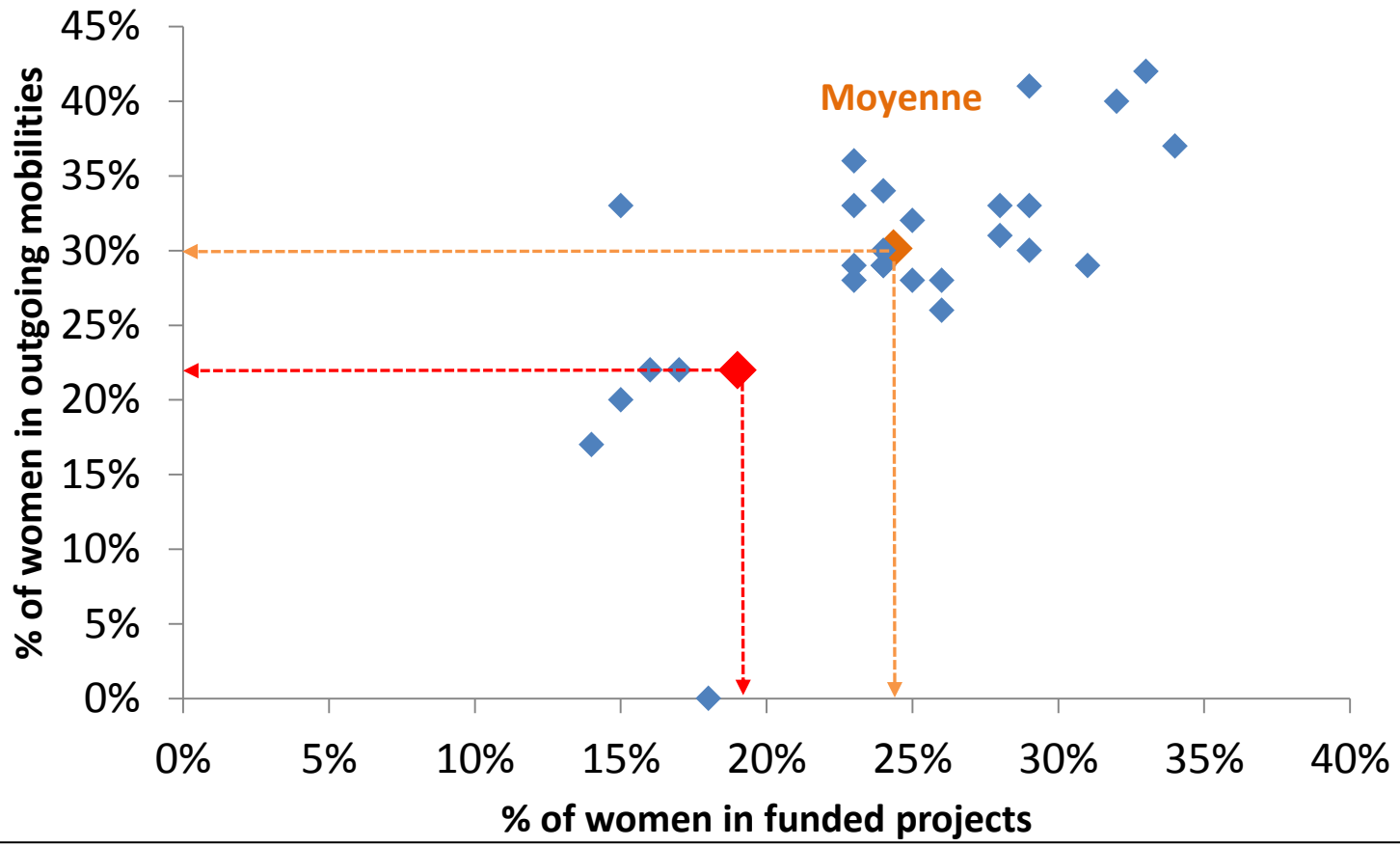


Lithuania → France



Men Women

WOMEN MOBILITY
FRANCE – LITHUANIA
(COMPARISON BETWEEN 28 DIFFERENT BILATERAL PROGRAMMES)



% of women researchers in the selected projects : 19% vs 24% mean
% of women researchers in outgoing mobilities : 22% vs 30% mean

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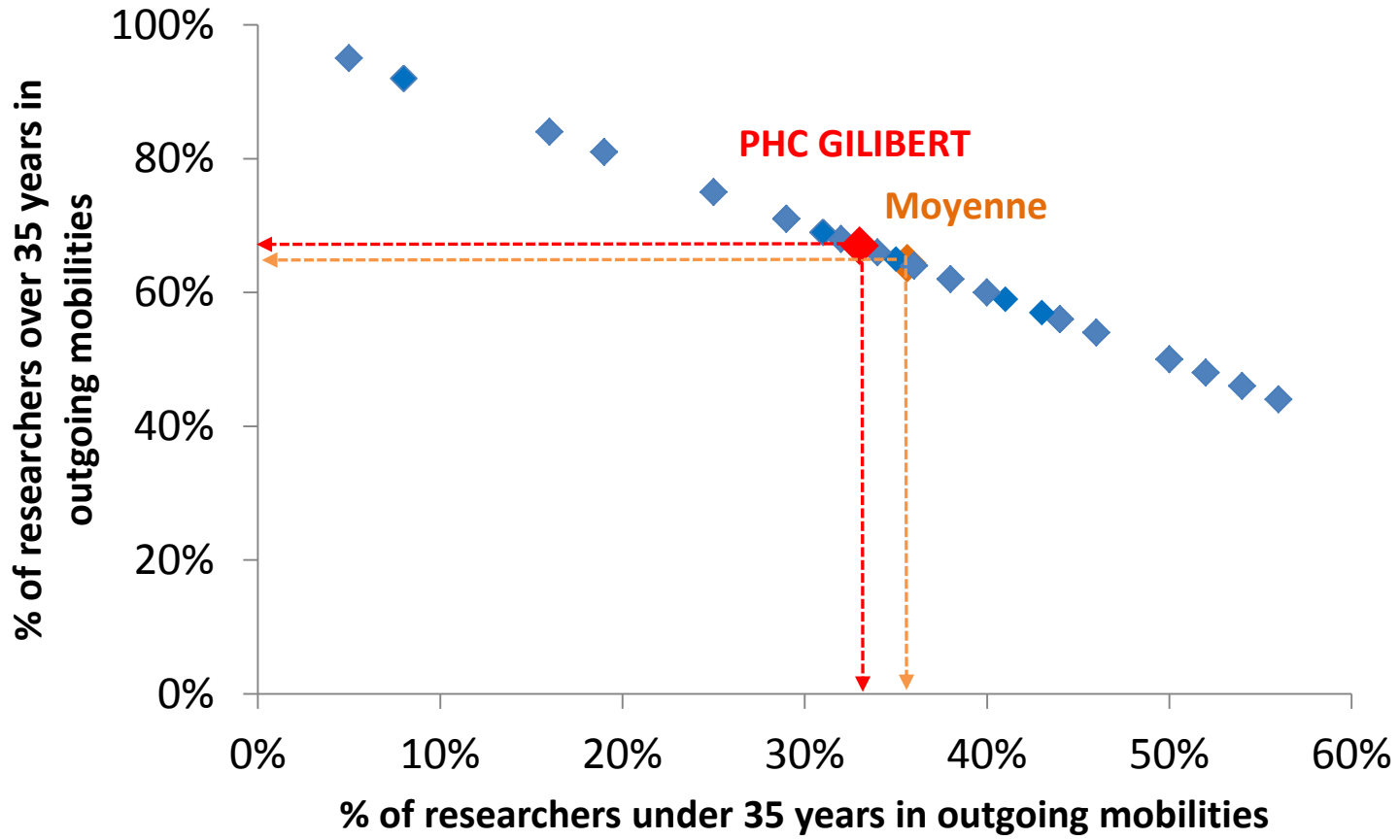
YOUNG RESEARCHERS MOBILITY
FRANCE – LITHUANIA
(COMPARISON BETWEEN 28 DIFFERENT BILATERAL PROGRAMMES)



% of french young researchers in outgoing mobilities : 33% vs 36% mean

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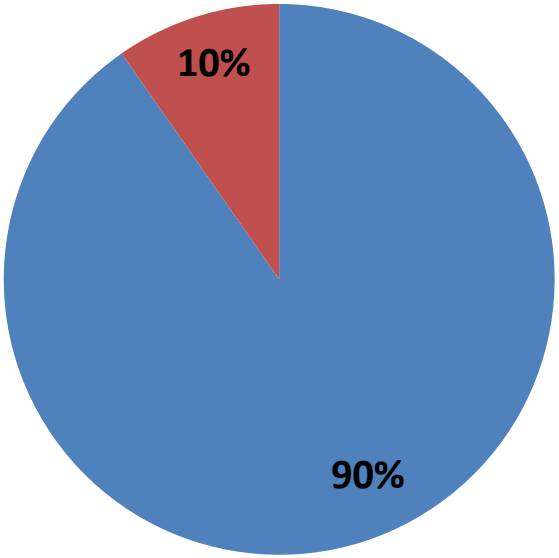
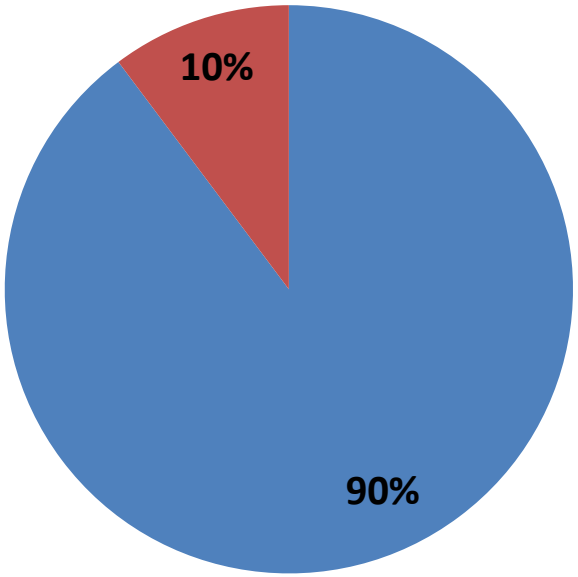
MOBILITY : DURATION

France → Lithuania



Lithuania → France



< 15 days

between 15 days and 3 months

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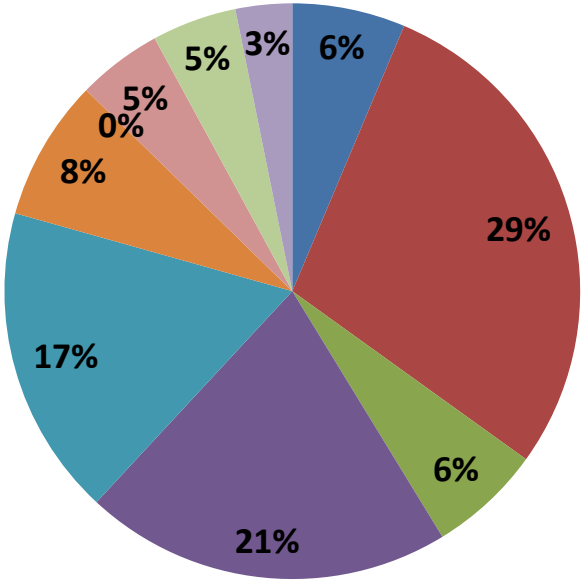
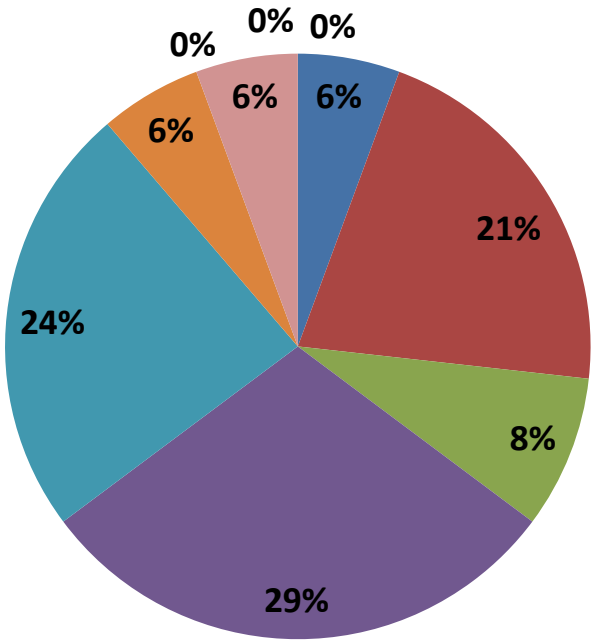
SCIENTIFIC PRODUCTION

SCIENTIFIC OUTPUT (1/2)

Number of funded projects in the survey: 63



Percentage of copublications



Mathematics
Physics
Marine/Earth/Planet Sciences
Chemistry
Biology and Health
Humanities
Social Sciences
Engineering Sciences
Information Technology
Agronomy/Ecology

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Laureates in Information Technology and Agronomy/Ecology did not answer the survey

SCIENTIFIC OUTPUT (2/2)

Data from 37 funded projects

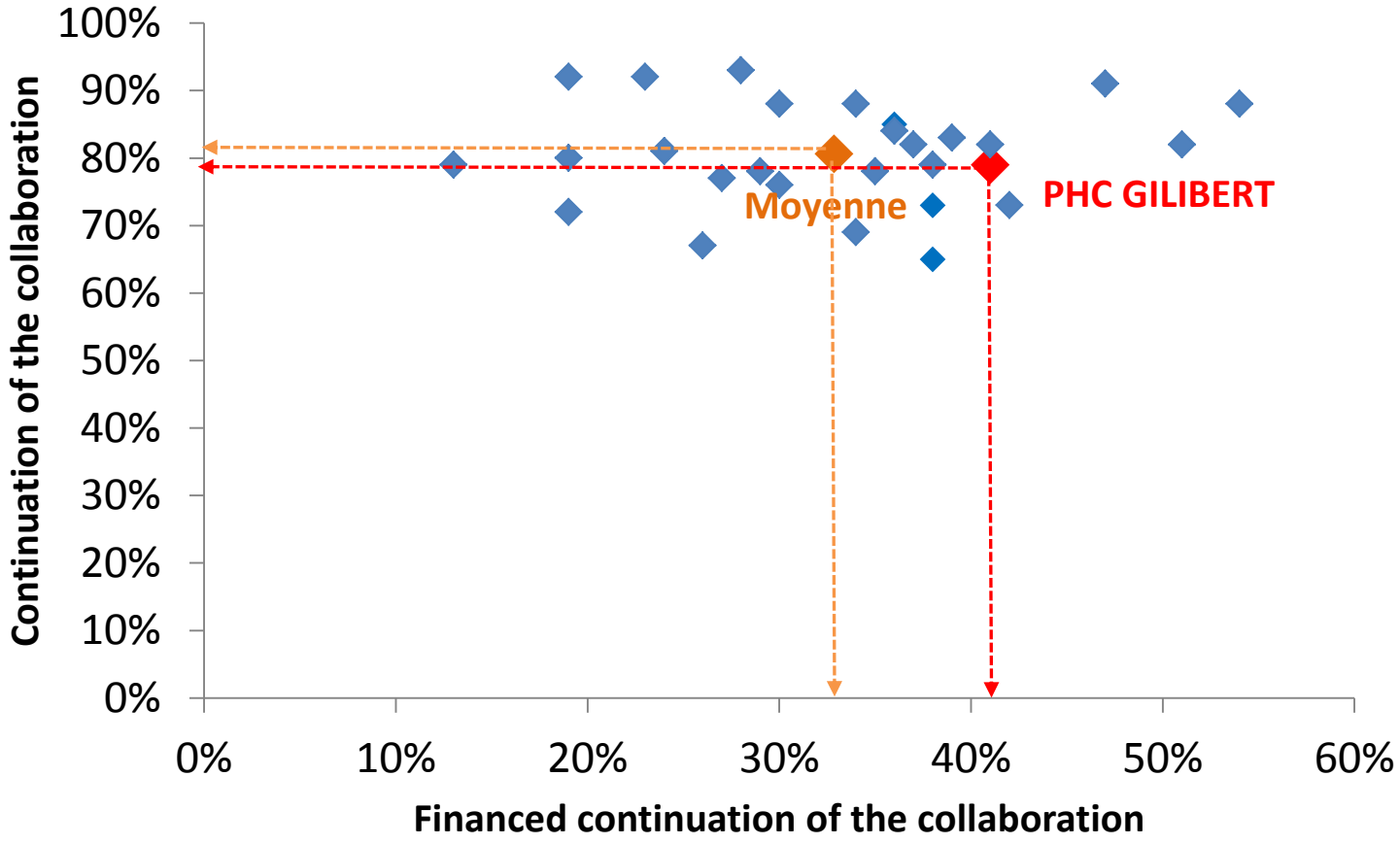
	Number of financed projects in the survey	Average number of co-publications per project
Mathematics	2	2,0
Physics	10	1,5
Marine/Earth/Planet Sciences	2	3,0
Chemistry	8	2,6
Biology and Health	9	1,9
Humanities	3	1,3
Social Sciences	0	0,0
Engineering Sciences	3	1,3
Information Technology	0	0,0
Agronomy / Ecology	0	0,0
TOTAL	**37**	**1,9**

Overall average annual number of coproduction per project : 0,95 vs 0,92 mean

68% of funded projects led to one co-publication at least vs 63% mean

WHAT HAPPENS AFTER A GILIBERT PROJECT ?

CONTINUATION OF THE COLLABORATION (1/5)
(COMPARISON BETWEEN 28 DIFFERENT BILATERAL PROGRAMMES)



Continuation of the collaboration : 79% vs 81% mean
Continuation of the collaboration with other sources of subvention : 41% vs 33% mean

CONTINUATION OF THE COLLABORATION (2/5)

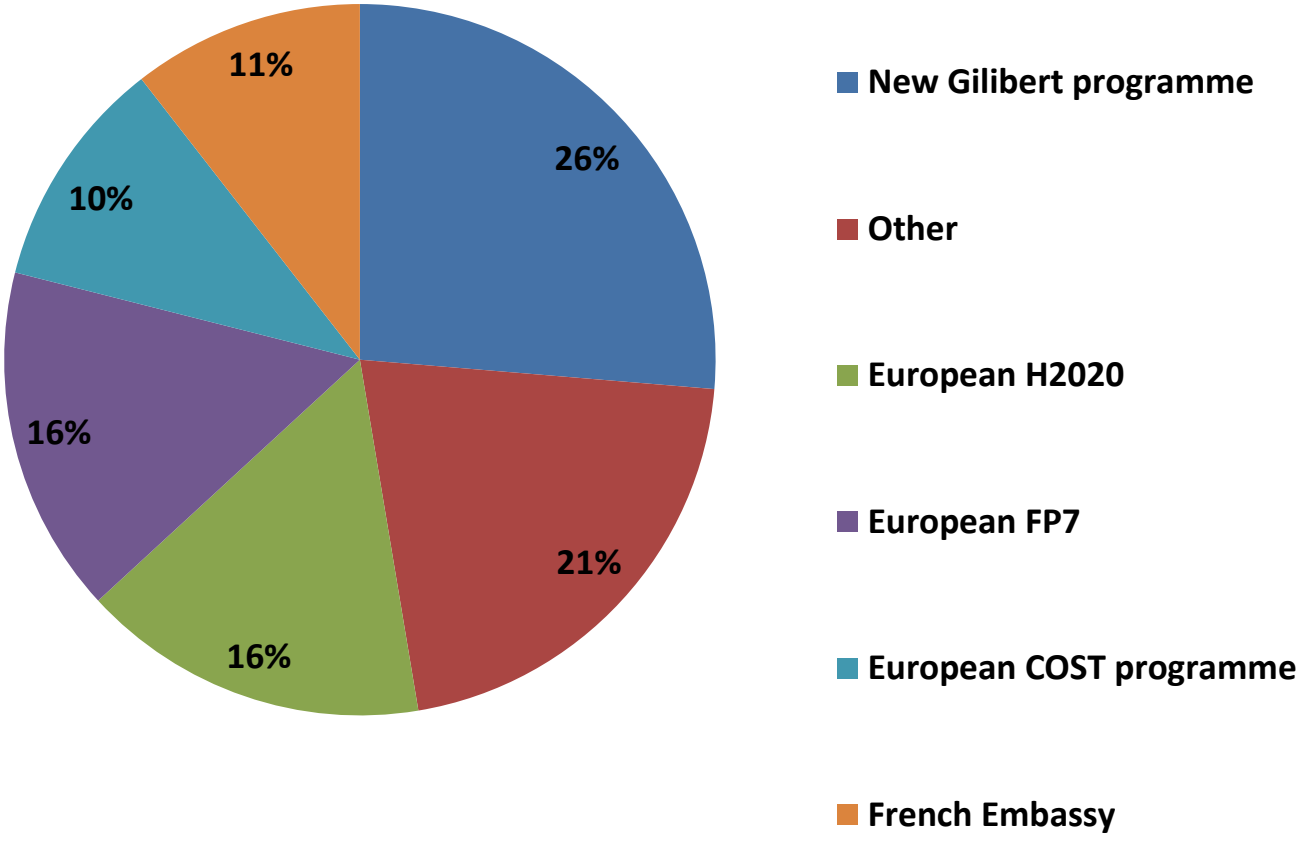
79% of the collaborations continued after the Gilibert project

Data from 26 positive answers

Which activities?	
Collaborative research	85%
Co-publications	69%
Researchers mobility	46%
Joint participation to conferences	35%
Co-organisation of scientific events	27%
Others	8%

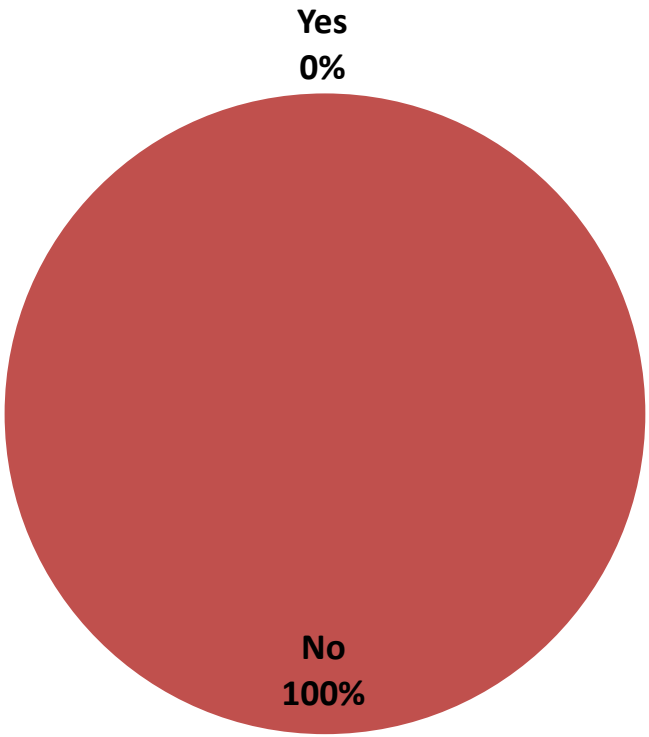
CONTINUATION OF THE COLLABORATION (3/5)

What kind of funded collaborations after the Gilibert project ?
Data from 15 positive answers



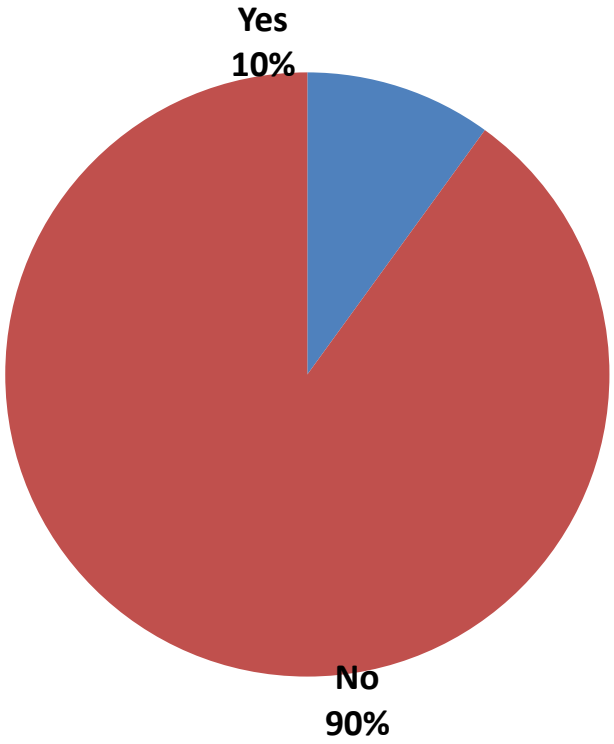
CONTINUATION OF THE COLLABORATION (4/5)

Has the Gilibert project led to the set-up of joint structures?
Data from 33 answers



CONTINUATION OF THE COLLABORATION (5/5)

Has the French-Lithuanian collaboration involved new partners?
Data from 10 answers



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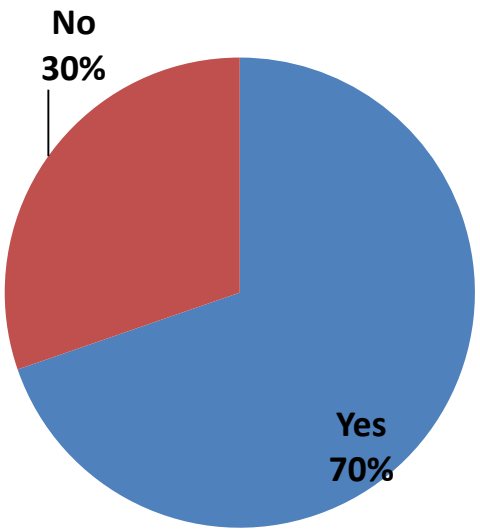
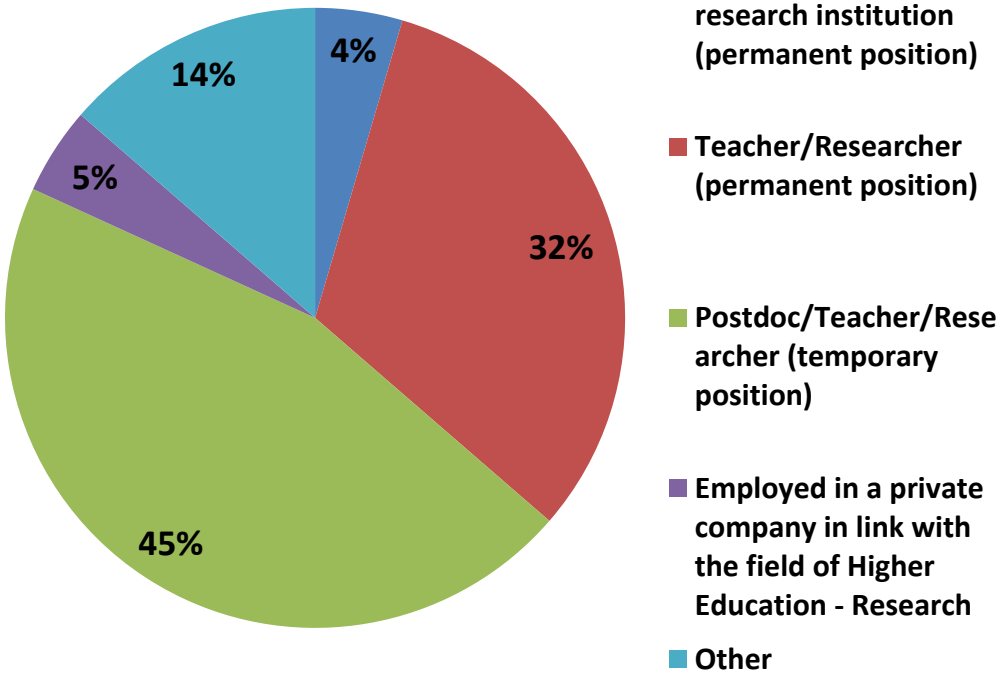
IMPACT ON YOUNG RESEARCHERS' CAREER (1/2)

Was young researchers career impacted by the Gilibert programme ?



Data from 33 answers

Type of impacts



Data from 19 answers

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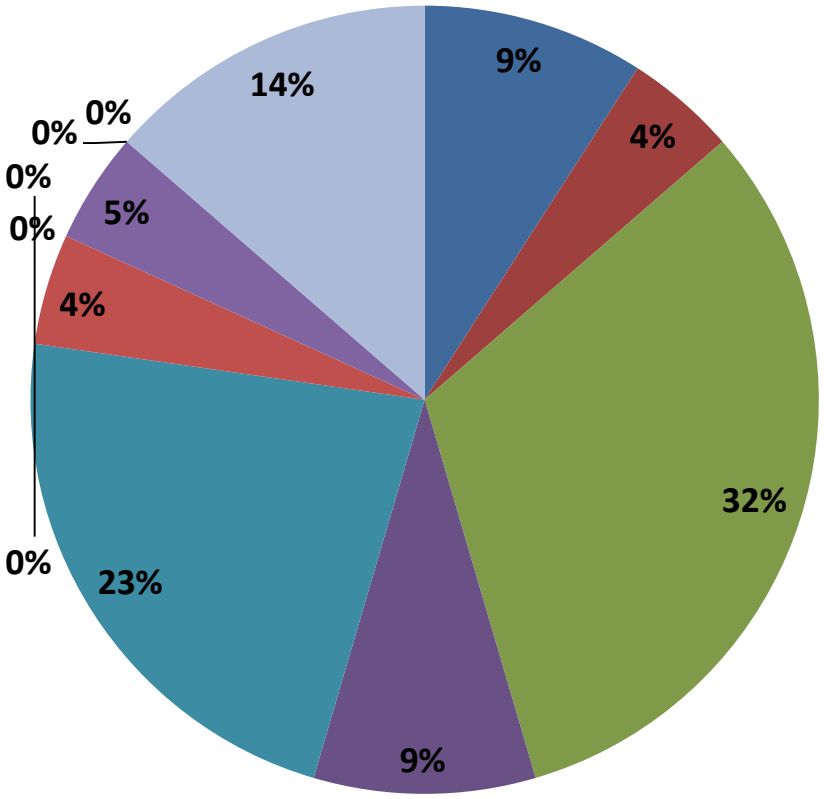
IMPACT ON YOUNG RESEARCHERS' CAREER (2/2)

Type of impacts



- Post PhD in France
- Post PhD in Lithuania
- Post PhD in another country
- Teacher-researcher in France
- Teacher-researcher in Lithuania
- Teacher-researcher in another country
- Researcher in an public research institution in France
- Researcher in an public research institution in Lithuania
- Researcher in an public research institution in another country
- Employed in a private company in link with the field of Higher Education-Research in France
- Employed in a private company in link with the field of Higher Education-Research in Lithuania
- Employed in a private company in link with the field of Higher Education-Research in another country
- Other

Data from 19 answers

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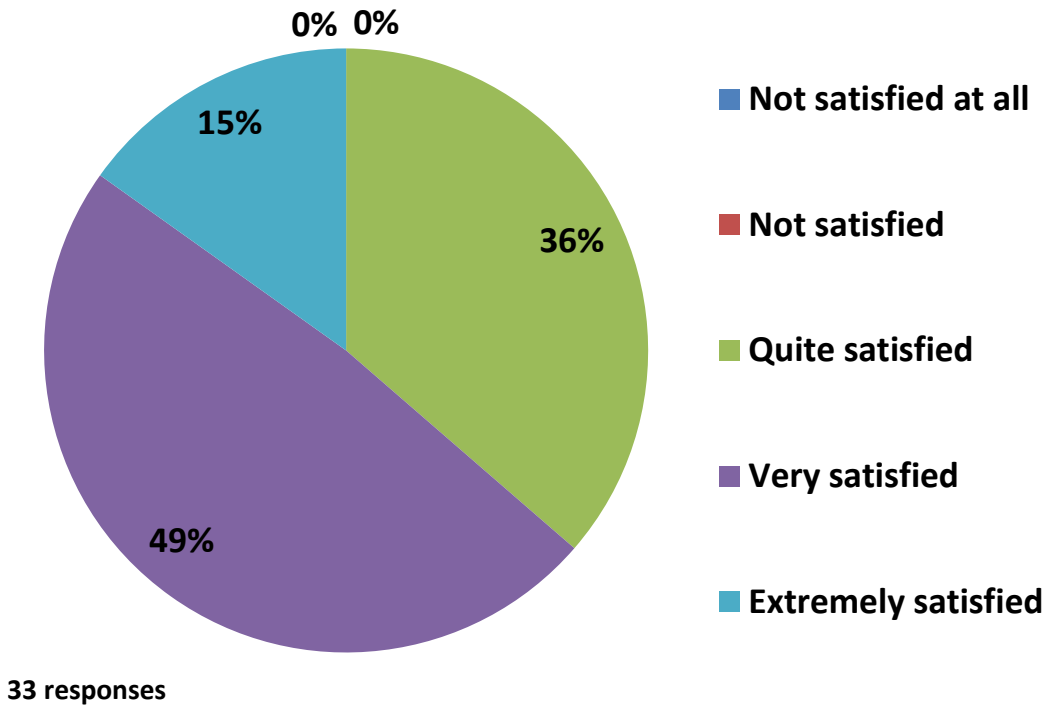
GENERAL OPINION OF FRENCH PIS ON THE PROGRAMME

100% of French principal investigators are satisfied

Data from 33 answers



33 responses

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GENERAL OPINION OF FRENCH PIS ON THE PROGRAMME (2/3) POSITIVE COMMENTS

SURVEY OF 33 RESPONSES

Strengths of this program	Number of occurencies (out of 67)	% (out of 67)
Allows an international scientific collaboration	26	70%
Easy implementation (administrative flexibility)	13	35%
Allows the mobility of the researchers	11	30%
Allows the training of the young researchers	8	22%
Allows exchanges which allow a scientific production	4	11%
Duration of mobilities adapted to the needs	2	5%
Sufficiently long duration of the projects	2	5%
Allows a knowledge of the country partner	1	3%
Total number of occurencies	*67*	

GENERAL OPINION OF FRENCH PIS ON THE PROGRAMME (3/3) NEGATIVE COMMENTS

SURVEY OF 33 RESPONSES

Weaknesses of this program	Number of occurencies (out of 31)	% (out of 31)
No funding of the operation and capital expenditures	12	32%
Too short duration of mobilities	6	16%
Too short duration of the projects	5	14%
Other	5	14%
Difficult perpetuation of collaboration	2	5%
Lack of transparency on the methods of projects selection	1	3%
Total number of occurencies	*31*	

PRELIMINARY CONCLUSIONS

Preliminary conclusions suggest that the funding scheme has efficiently contributed to create (or to maintain) fruitful and long-term cooperation, despite the relatively low financial support, which is to be considered as "seed money".

- **84 % of the projects involve at least one PhD student**
- **Continuation of the collaboration with a sustained financing is better than the mean of the other programmes**
- **42% of continued projects involved in an European programme**
- **The number of PhDs mobilities is close to the general mean value**
- **Percentage of projects leading to one publication at least is close to the mean**
- **Average rate of scientific production per PhD is lower than mean (0,47 vs 0,70)**
- **Gilibert programme should be an opportunity to initiate new collaborations (only 46 % of new cooperations)**
- **Low number of applications**

PRELIMINARY RECOMMENDATIONS

RECOMMENDATIONS

- Promote new cooperations
- Promote the implication of young researchers in the co-publications
- Improve communication to increase the number of applications which shows a marked decrease since 2015
- Strengthen co-publications (32% of projects with no co-publications
- Encourage young researchers' mobilities
- Be vigilant about selection rate and mobilities for women

French national ministries (MESRI / MEAE) will provide a complete analysis of the survey. It will be sent to the recipients of the funding and participants in this symposium.

CONTACTS

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Thank you for your attention