FRANCE – LATVIA
17th ANNIVERSARY OF THE PHC OSMOSE

Scientific impact of the program (2006-2016)

MESRI-DAEI / MEAE

2019

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

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RÉPUBLIQUE FRANÇAISE

MINISTÈRE
DE L'ENSEIGNEMENT SUPÉRIEUR,
DE LA RECHERCHE
ET DE L'INNOVATION

GENERAL PRESENTATION OF THE PROGRAMME

Creation : 2002

The purpose of this programme is to develop excellence scientific and technological exchanges between the French and Latvian laboratories, by promoting new scientific collaborations.

Total budget (France + Latvia) : around 27 300 € / year
>> including budget from the French part : 13 650 € / year
>> including budget from the Latvian part : 13 650 € / year

Average budget per project (France + Latvia) : 2 275 € / year

Number of new projects per year : around 5

From 2006-2016:
52 applications submitted
29 projects funded (including 2016)

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DATA SOURCES

Campus France

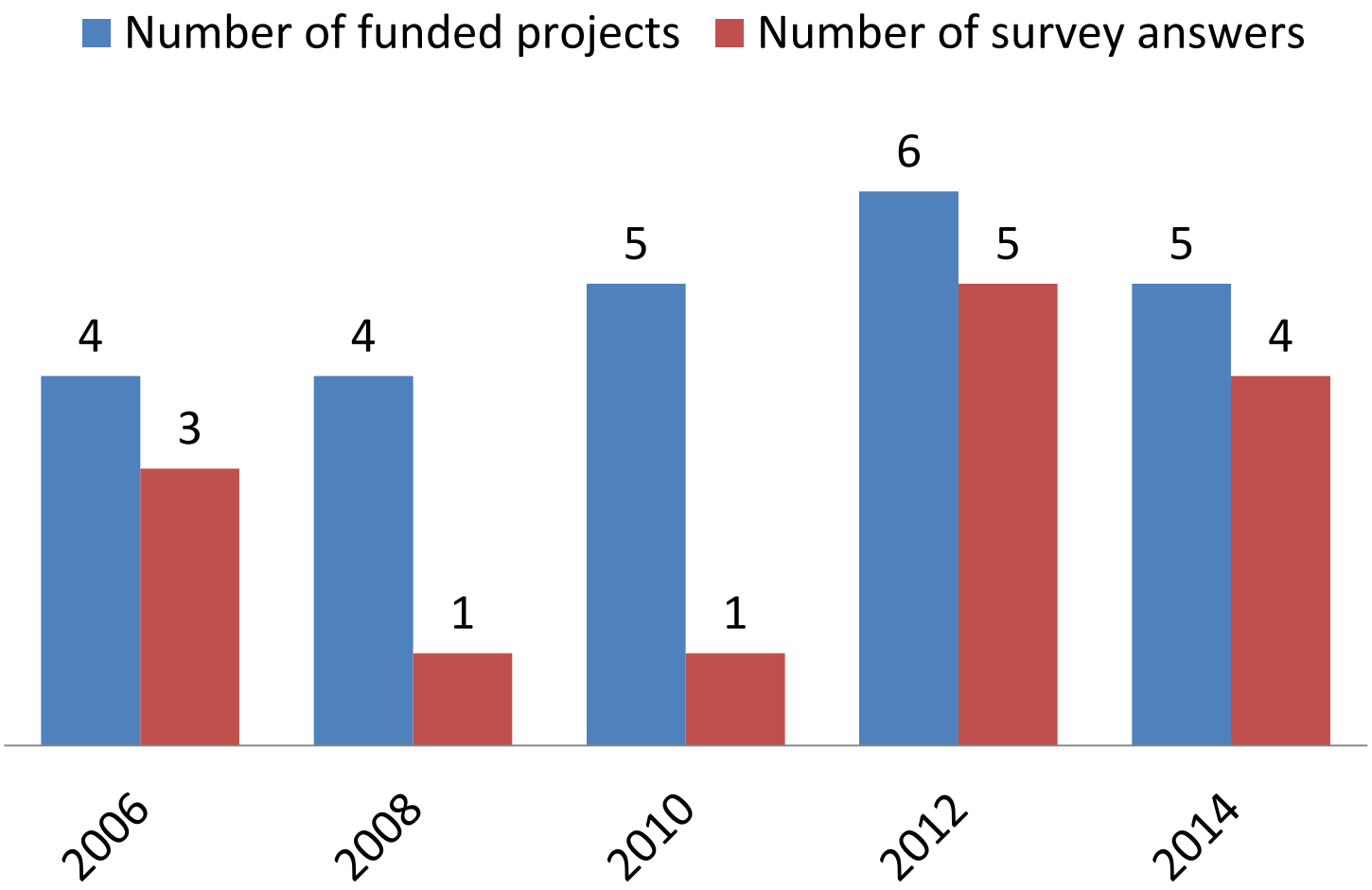
- Information about the PHC Osmose program applications
- List of mobilities (from France to Latvia)

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

- Target : French Principal Investigators of selected projects between 2006 and 2016
- Survey **duration : 7 weeks between November 2016 and January 2017**
- **58%** response ratio *(14 respondents for 24 funded projects)*

ANSWERS TO THE SURVEY

Average response rate to the survey : 58 % (14 answers)



Campus France & Survey data

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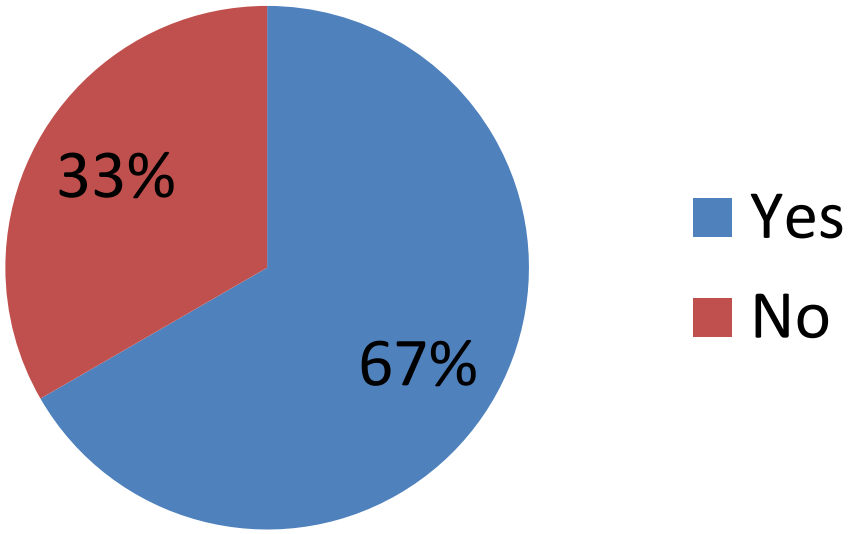
2006-2016
Key Points

BEFORE THE PHC OSMOSE PROJECT

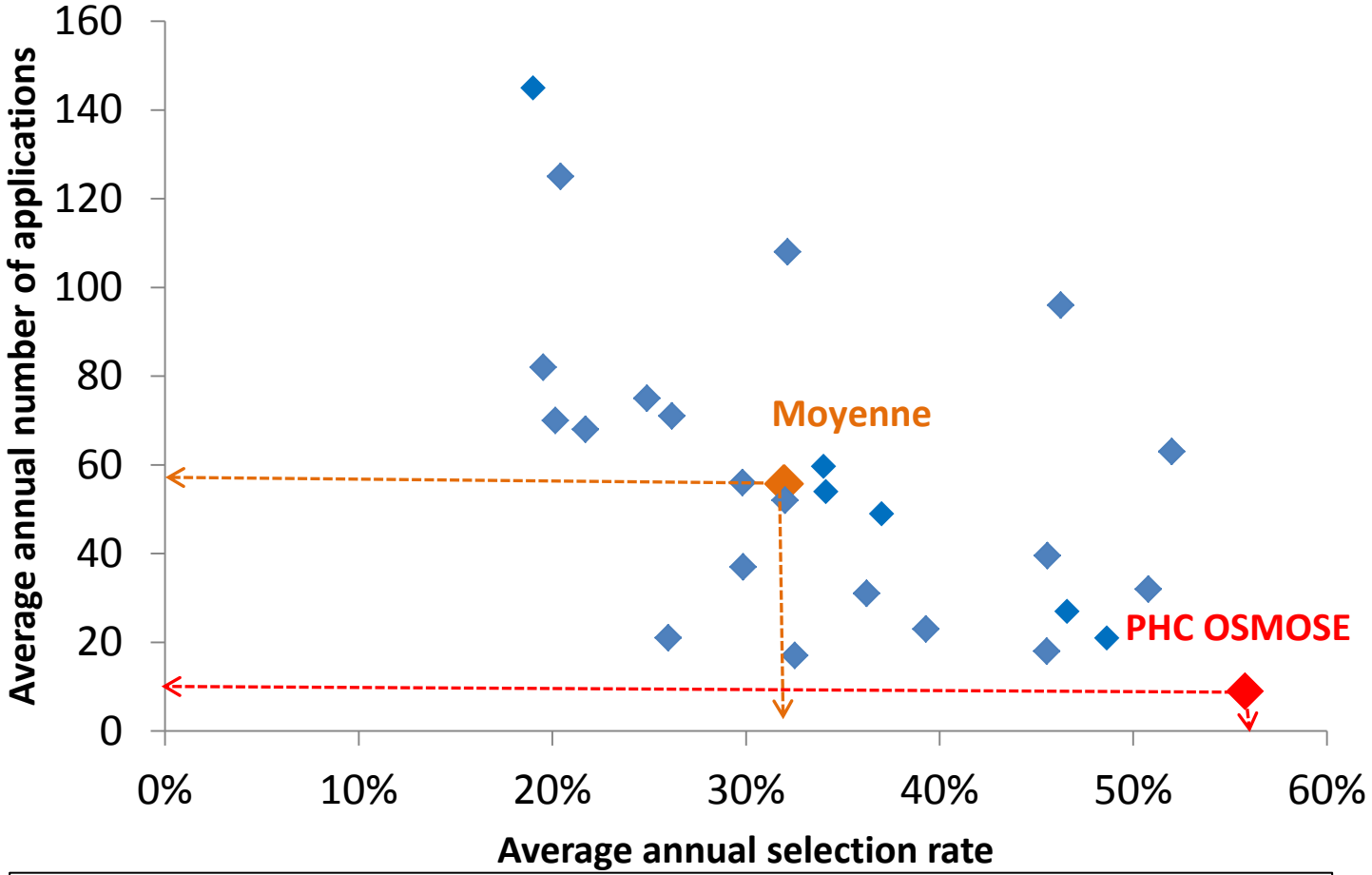
Did you already collaborate with the Latvian partner in the past?



Survey data

NUMBER OF APPLICATIONS VS SELECTION RATE

(COMPARISON BETWEEN 26 DIFFERENT BILATERAL PROGRAMMES)



Average selection rate for 2005-2017 : 56% vs 32% mean

Average number of applications 2005-2017 : 9 vs 56 mean

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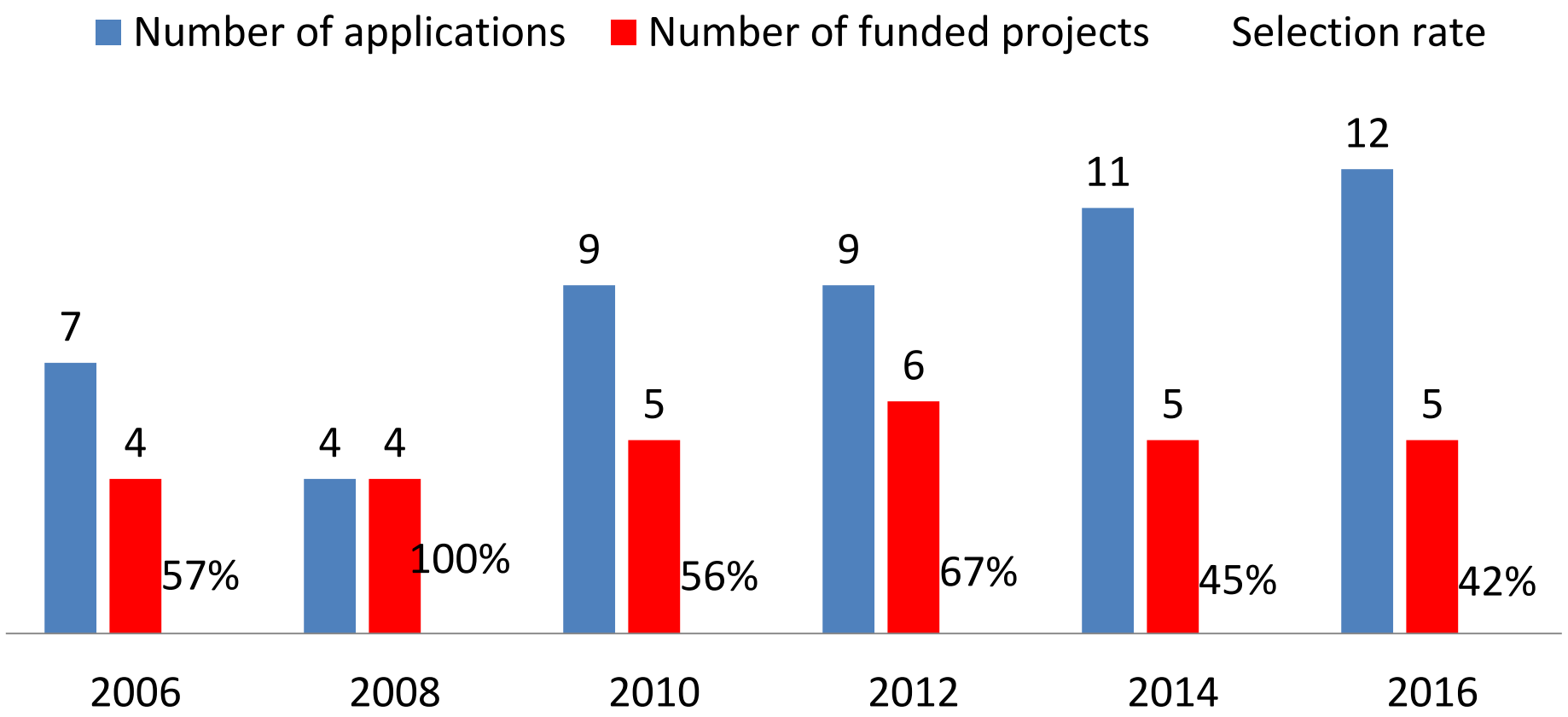
NUMBER OF APPLICATIONS AND SELECTION RATE

Average selection rate from 2006-2016: 56 %

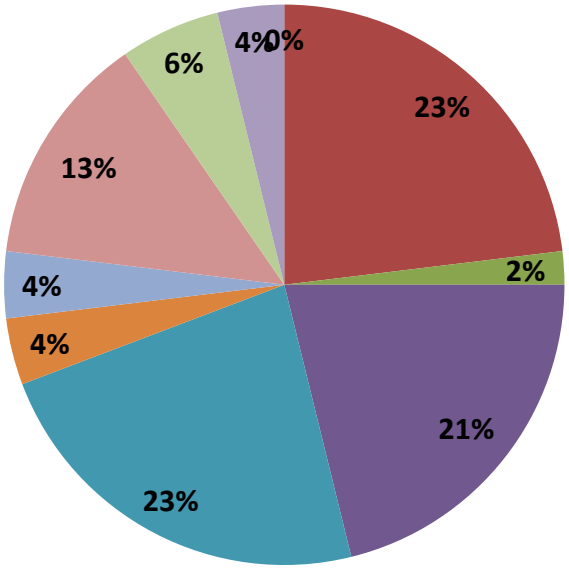


Campus France data

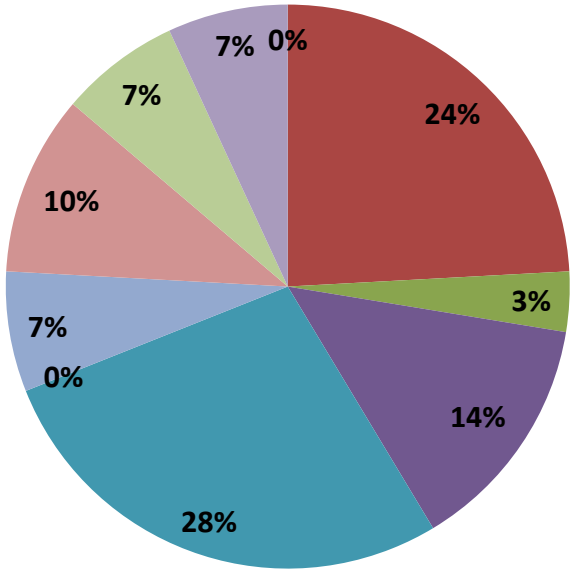
SCIENTIFIC DOMAINS OF PROJECTS

Data from 2006-2016

Number of applications : 52



Number of funded projects : 29



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

Campus France data

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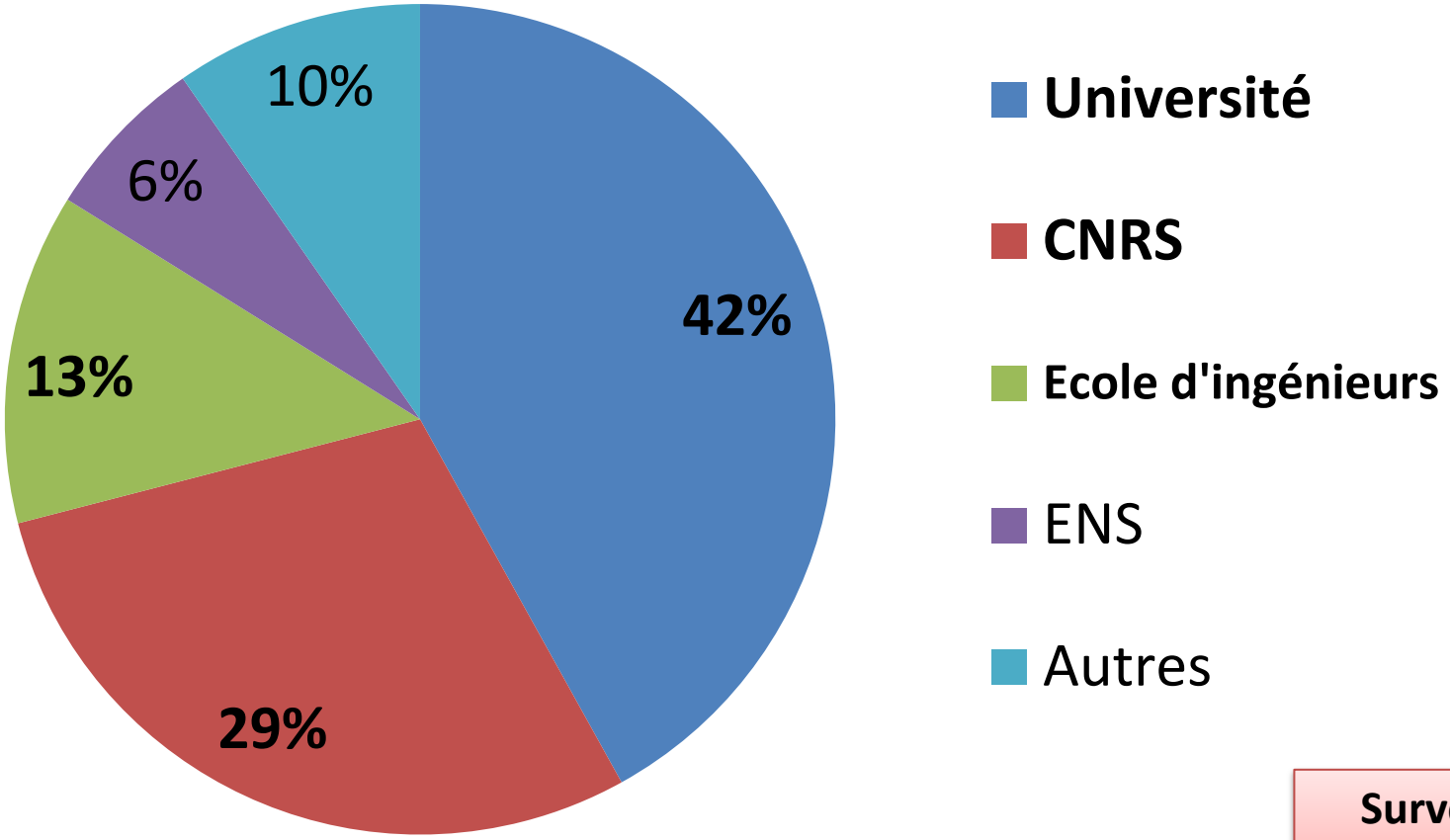
FRENCH PARTICIPATING INSTITUTIONS



Survey data

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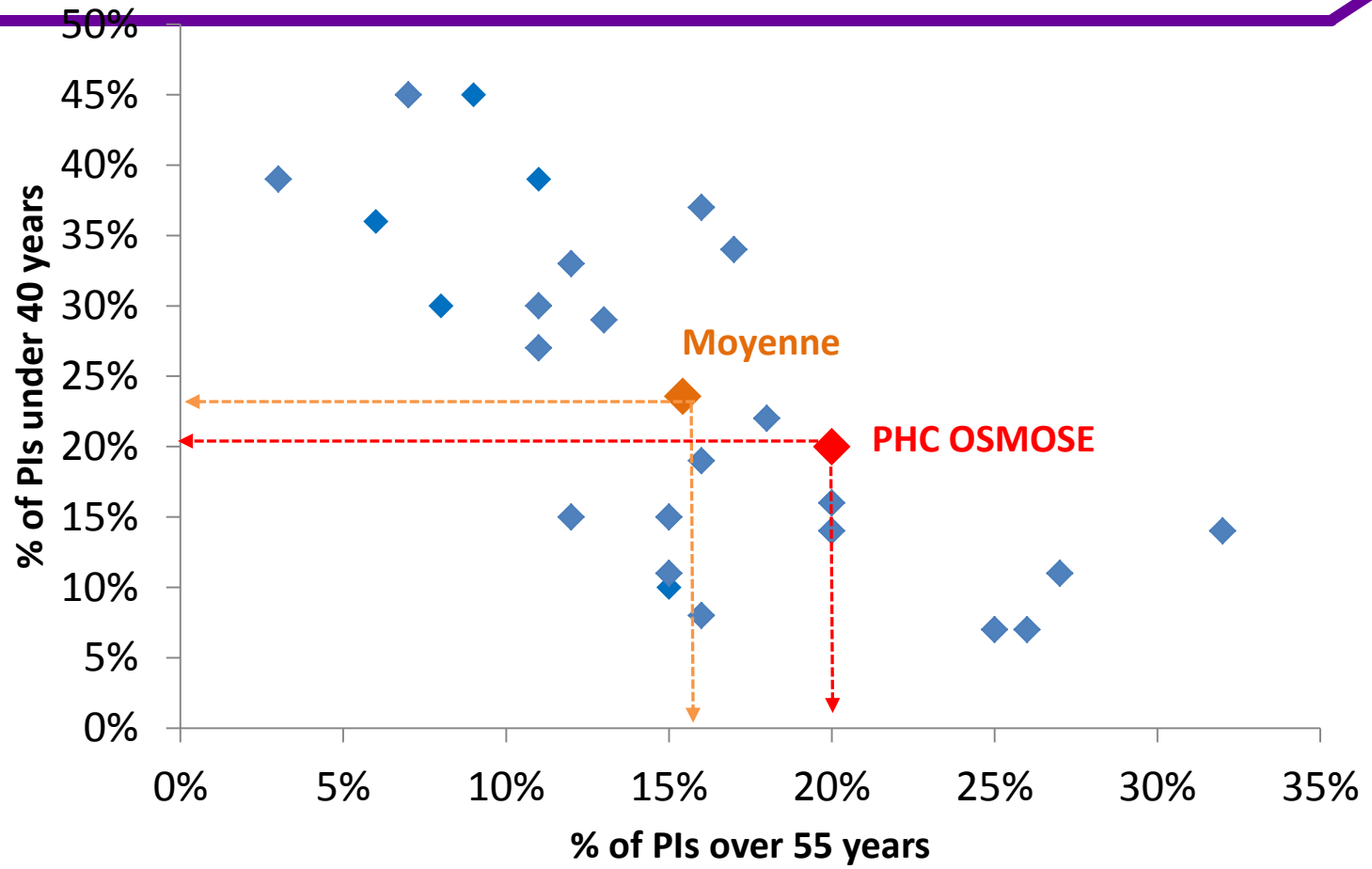
AGE OF PRINCIPAL INVESTIGATORS (PI)

(COMPARISON BETWEEN 26 DIFFERENT BILATERAL PROGRAMMES)



PIs under 40 years : 20% vs 23% mean

PIs over 55 years : 20% vs 15% mean

60% of the PIs are between 40 and 55 years

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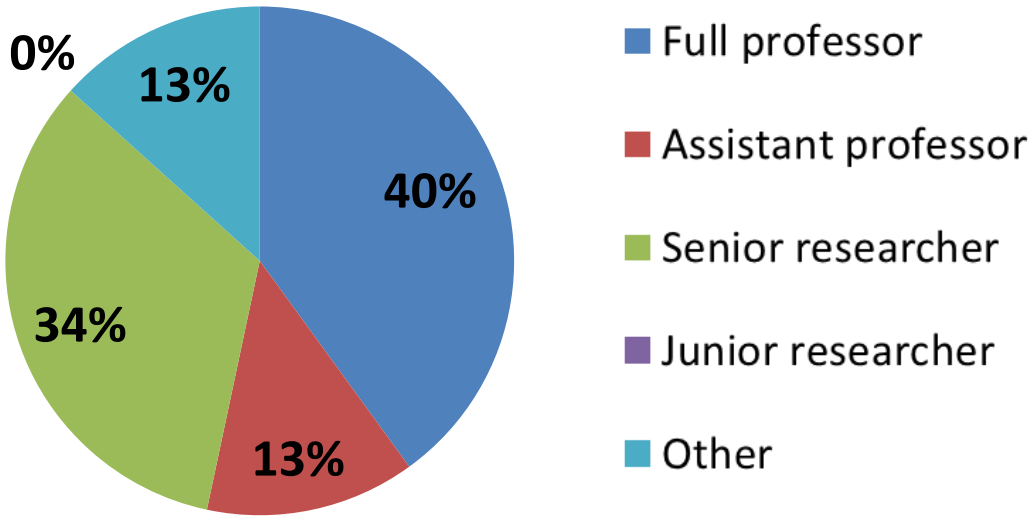
FRENCH PIS (PRINCIPAL INVESTIGATORS) : STATUS

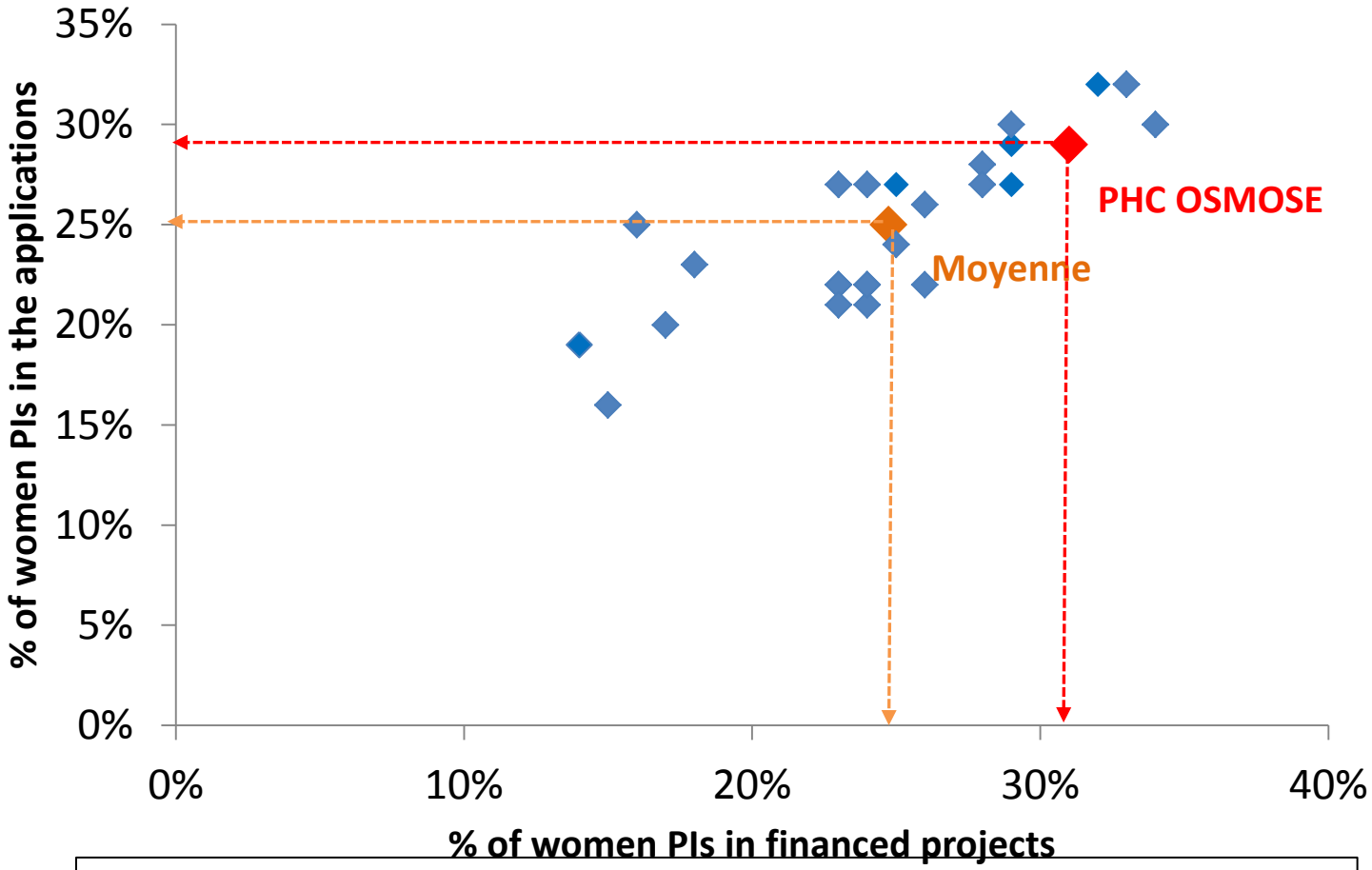
Current professional status



Survey data

IMPLICATION OF WOMEN (FRANCE)

(COMPARISON BETWEEN 26 DIFFERENT BILATERAL PROGRAMMES)



% of women PIs in the applications : 29% vs 25% mean

% of women PIs in the selected projects : 31% vs 25% mean

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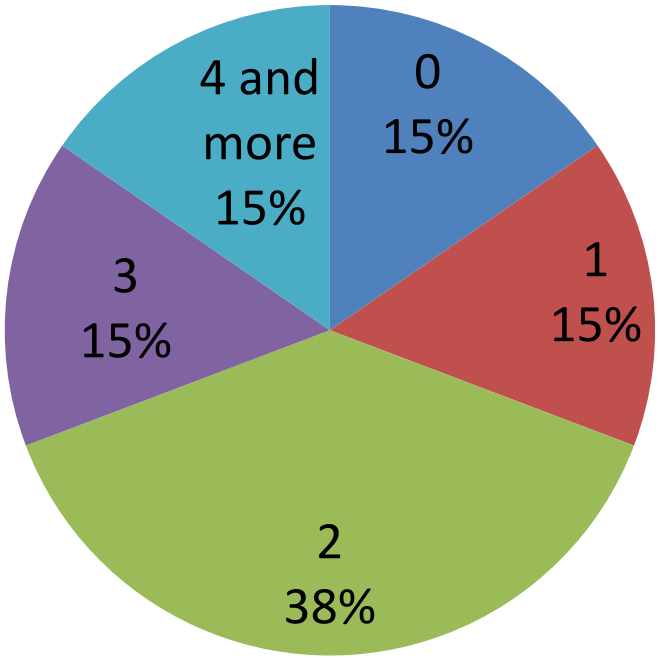
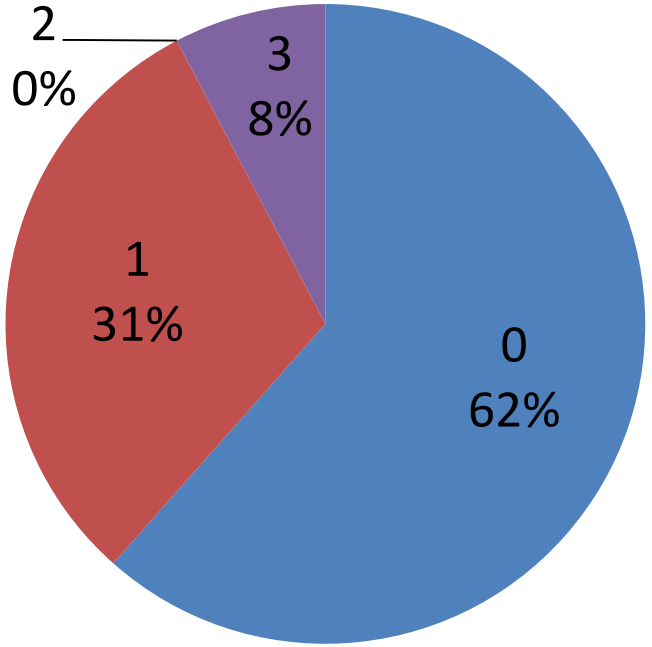
PARTICIPATION OF YOUNG RESEARCHERS

Number of PhD students



85 % of projects integrate PhD students

Number of post-doctoral researchers



38 % of projects integrate post-doctoral researchers

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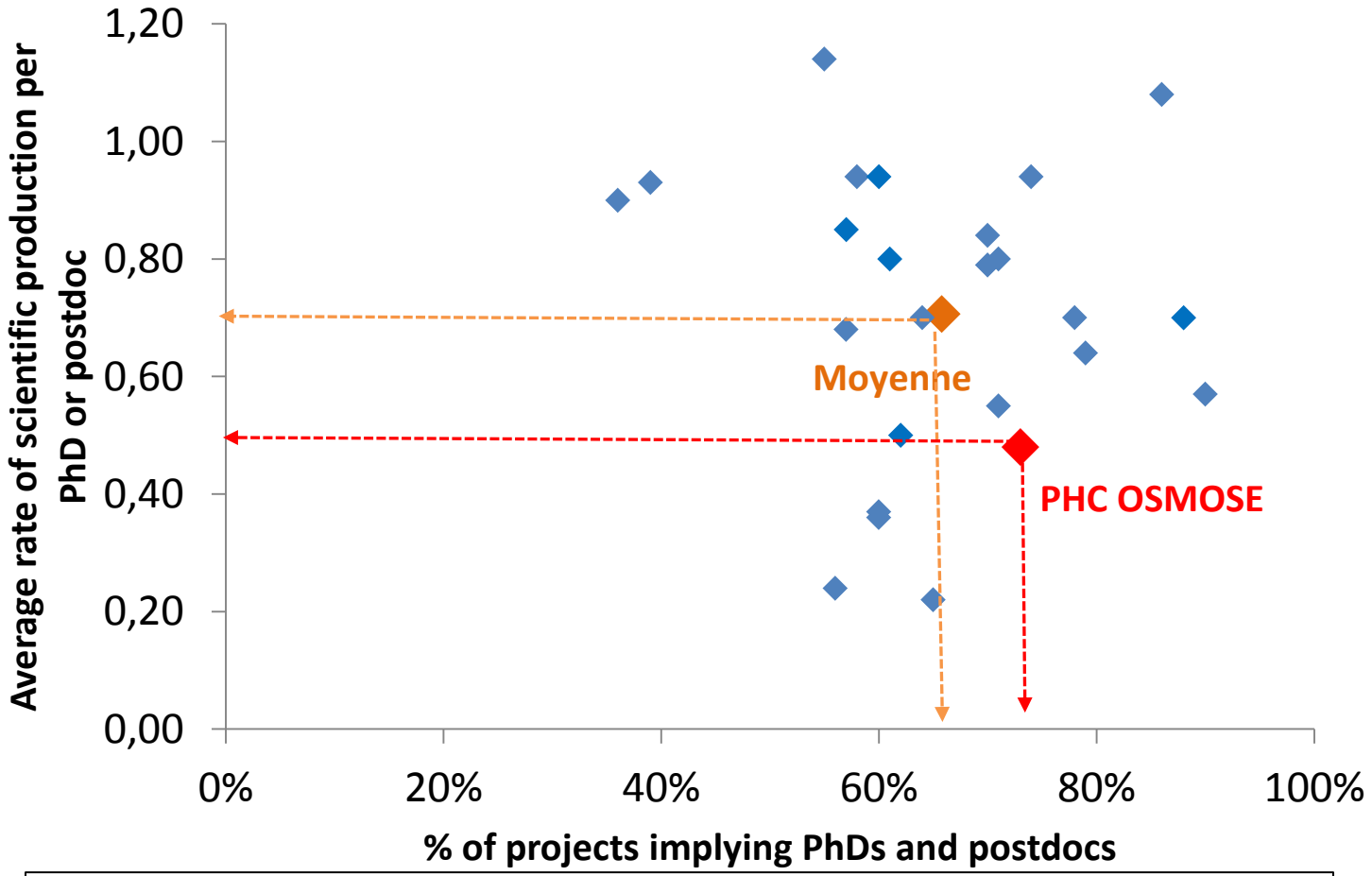
Survey data

IMPLICATION OF PhDs

(COMPARISON BETWEEN 26 DIFFERENT BILATERAL PROGRAMMES)



% of projects implying PhDs and Post-doc : 73% vs 65% mean

Average rate of scientific production per PhD : 0,48 vs 0,70 mean

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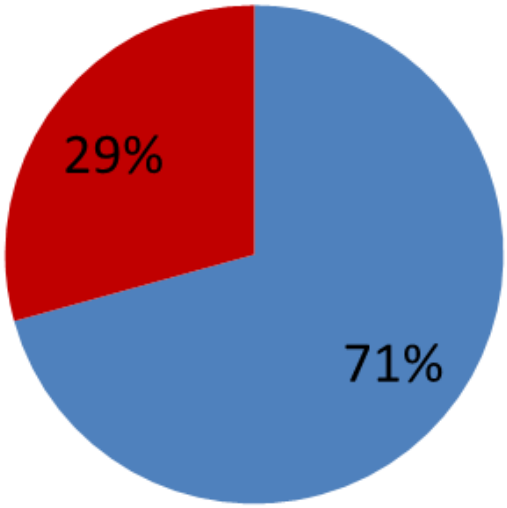
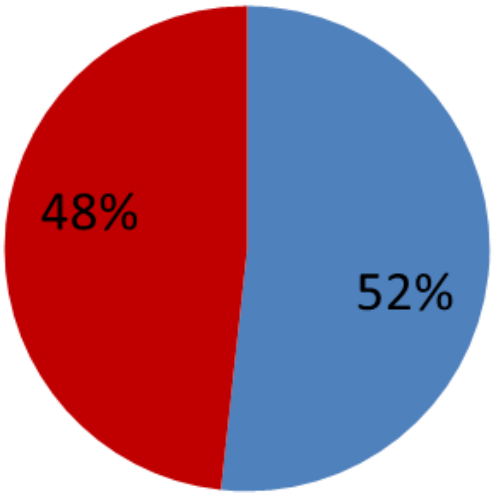
Mobility

MOBILITY : GENDER DISTRIBUTION

France → Latvia



Latvia → France

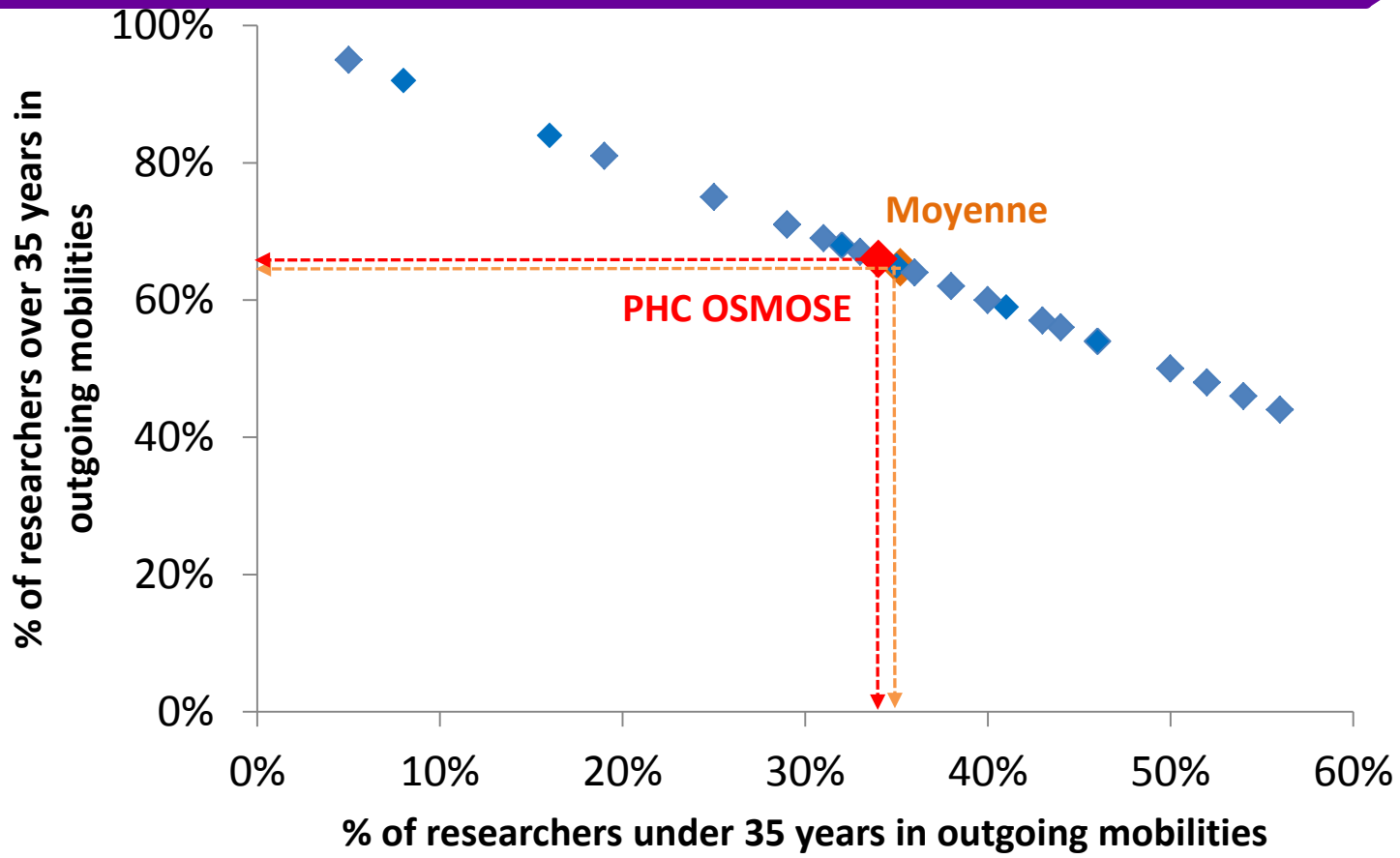


Men Women

Campus France data

MOBILITY FRANCE – LATVIA

(COMPARISON BETWEEN 26 DIFFERENT BILATERAL PROGRAMMES)



% of french young researchers in outgoing mobilities : 34% vs 35% mean

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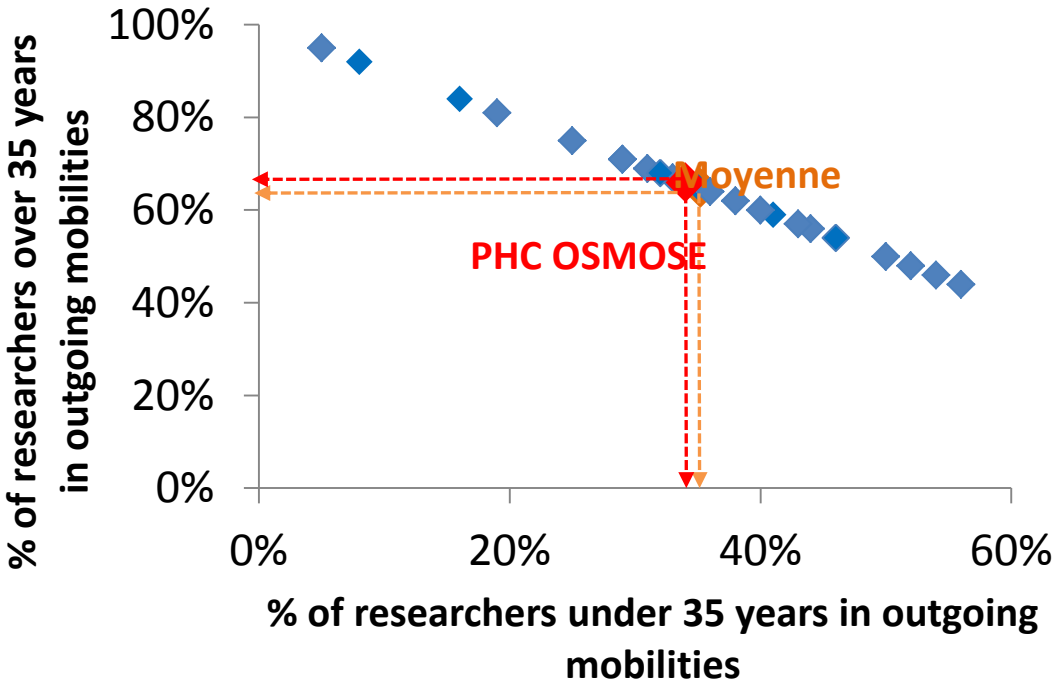
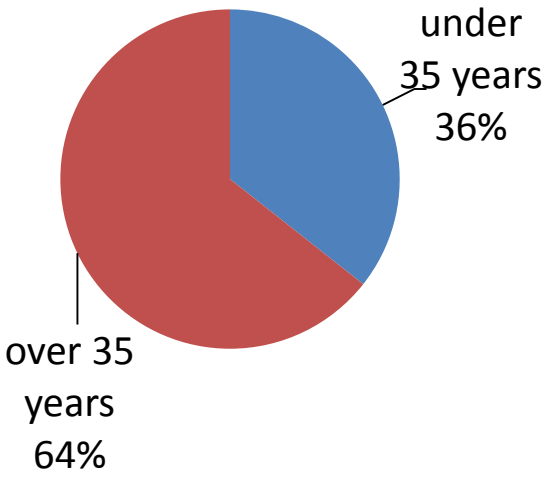
MOBILITY : STATUS

France → Latvia



Latvia → France



% of french young researchers in outgoing mobilities : 34% vs 35% mean
% of latvian young researchers in incoming mobilities : 36%

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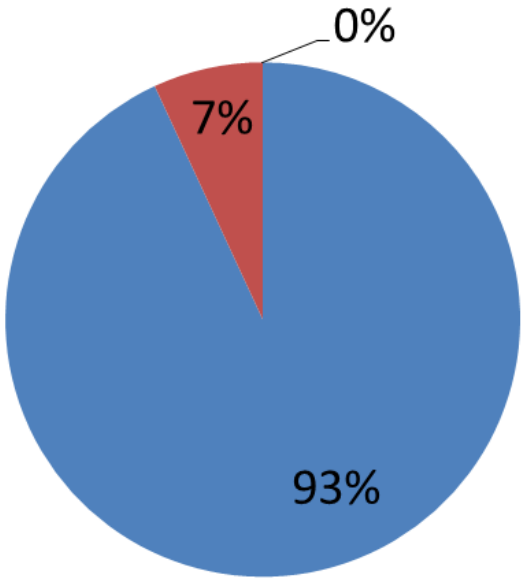
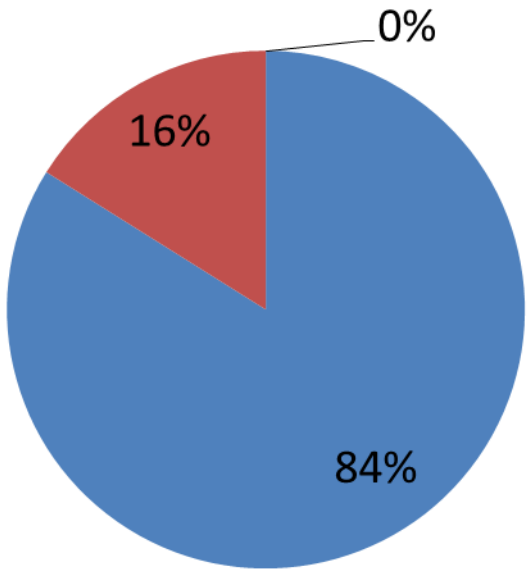
MOBILITY : DURATION

France → Latvia



Latvia → France



< 15 days

between 15 days and 3 months

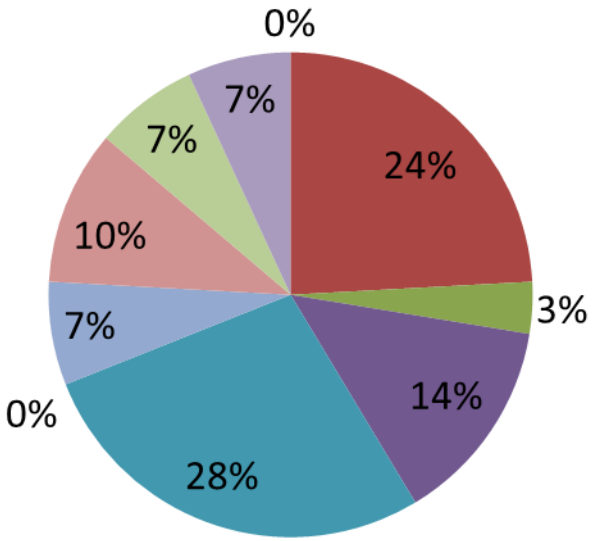
> 3 months

Campus France data

Scientific production

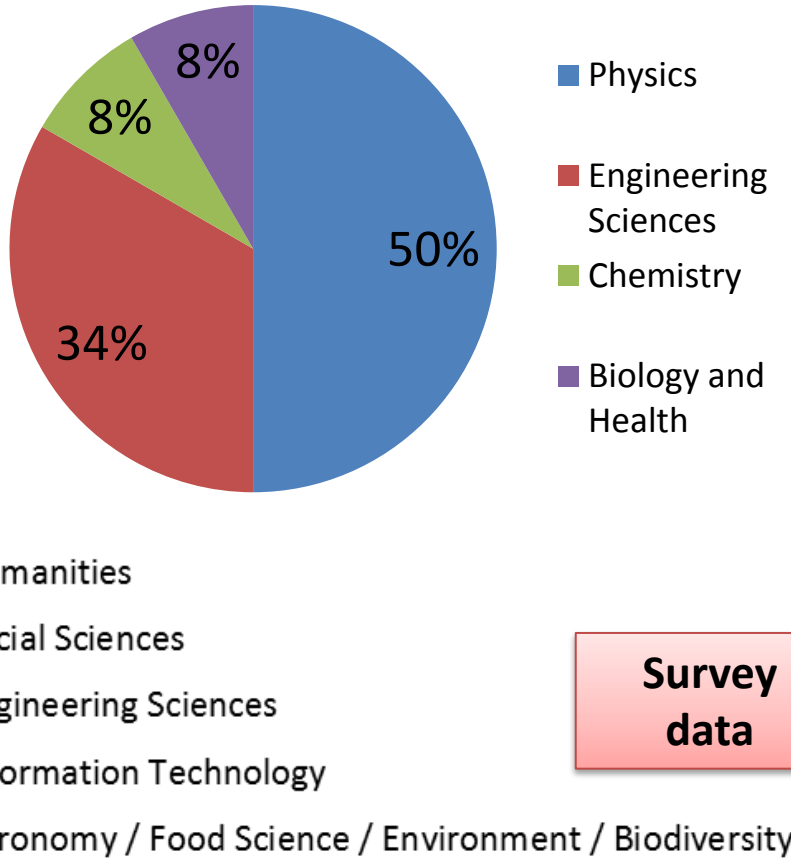
SCIENTIFIC OUTPUT (1/2)

Number of funded projects : 29



Campus France data

Percentage of copublications



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SCIENTIFIC OUTPUT (2/2)

33% of funded projects led to one co-publication at least

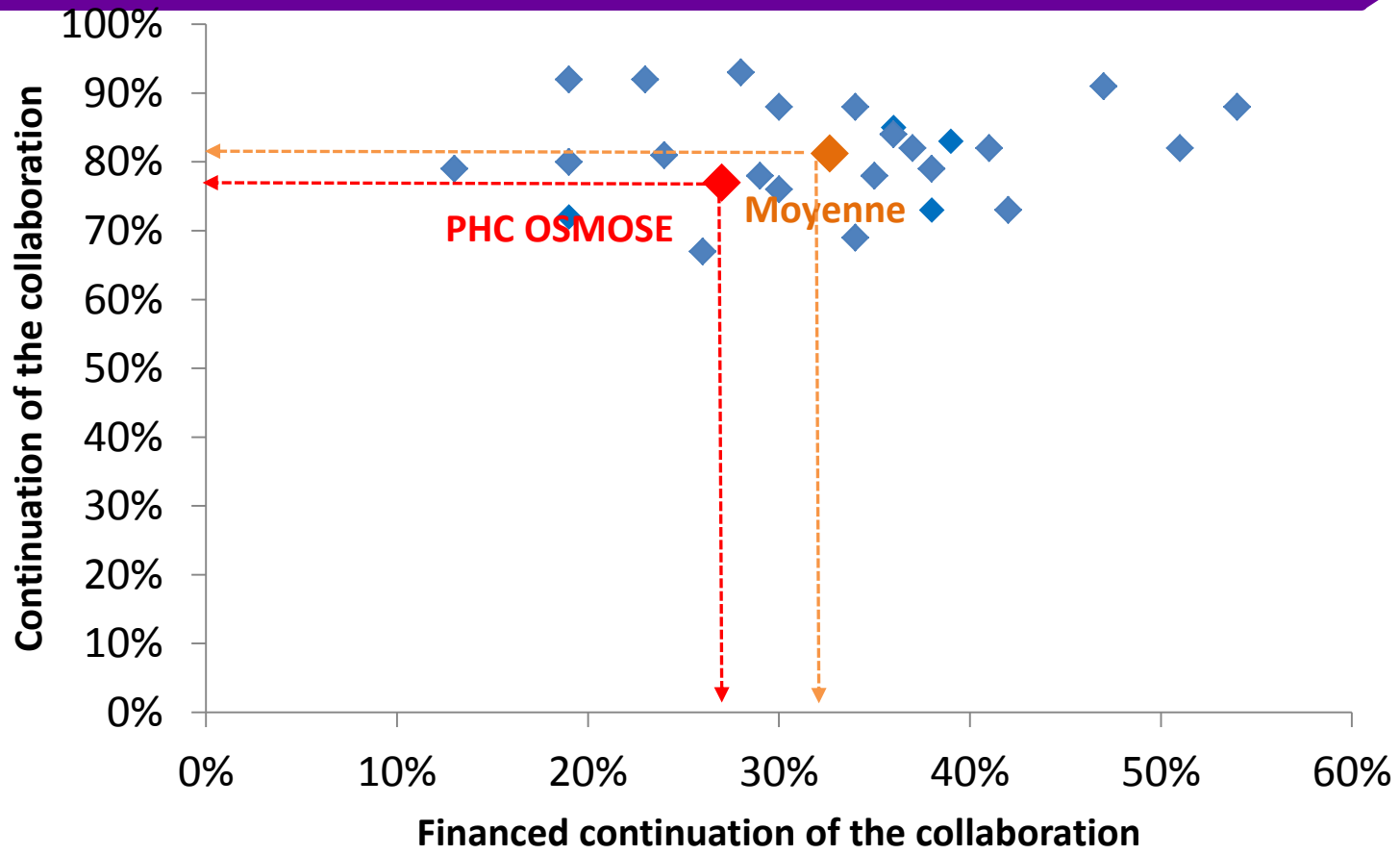
100% of copublications include at least 1 PhD or PostDoc

	Number of funded projects by thematic area	Ratio of funded projects by thematic area	Number of co-publications	Ratio of co-publications by thematic area	Ratio of funded projects by thematic area that led to one co-publication at least	Average number of co-publications per project
Mathematics	0	0%	0	0%	0%	0%
Physics	5	33%	6	50%	40%	1,2
Marine / Earth / Planet Sciences	0	0%	0	0%	0%	0%
Chemistry	2	13%	1	8%	50%	0,5
Biology and Health	5	33%	1	8%	20%	0,2
Humanities	0	0%	0	0%	0%	0%
Social Sciences	1	7%	0	0%	0%	0,0
Engineering Sciences	2	13%	4	33%	50%	2,0
Information Technology	0	0%	0	0%	0%	0%
Agronomy / Food Science / Environment / Biodiversity	0	0%	0	0%	0%	0%
TOTAL	**15**	*100%*	**12**	*100%*	***33%***	**0,8**

Survey data

What happens after a PHC Osmose project ?

CONTINUATION OF THE COLLABORATION (1/3)
(COMPARISON BETWEEN 26 DIFFERENT BILATERAL PROGRAMMES)

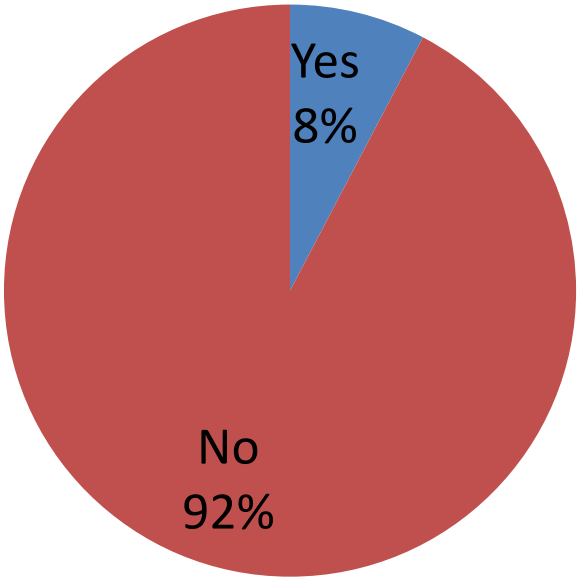


Continuation of the collaboration : 77% vs 81% mean

Continuation of the collaboration with other sources of subvention : 27% vs 33% mean

CONTINUATION OF THE COLLABORATION (2/3)

Has the program Osmose led to the set-up of **joint structures?**

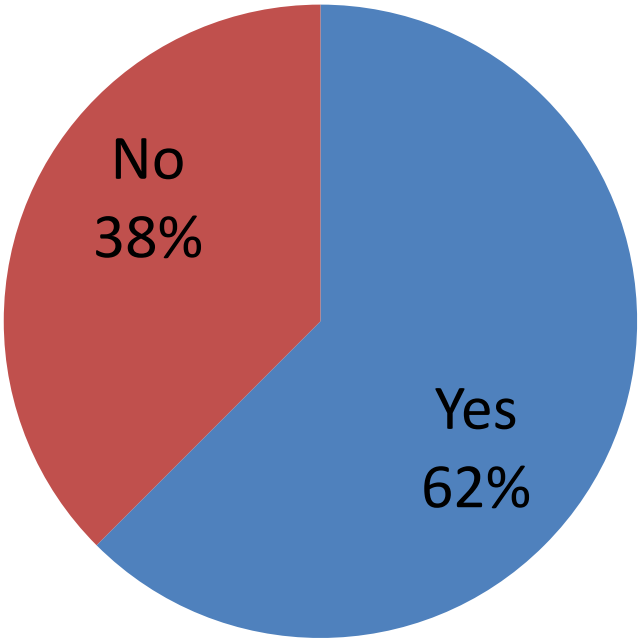


1 CNRS / International Research Network (IRN ex GRDI)

Survey data

CONTINUATION OF THE COLLABORATION (3/3)

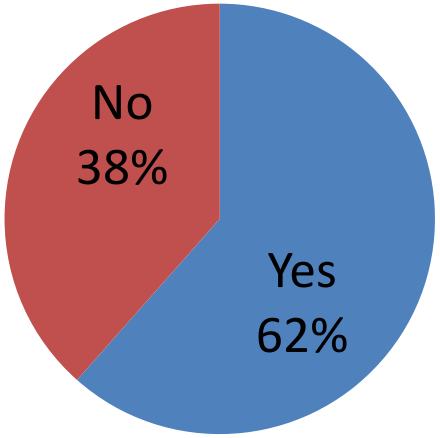
Has the French-Latvian collaboration involved new partners?



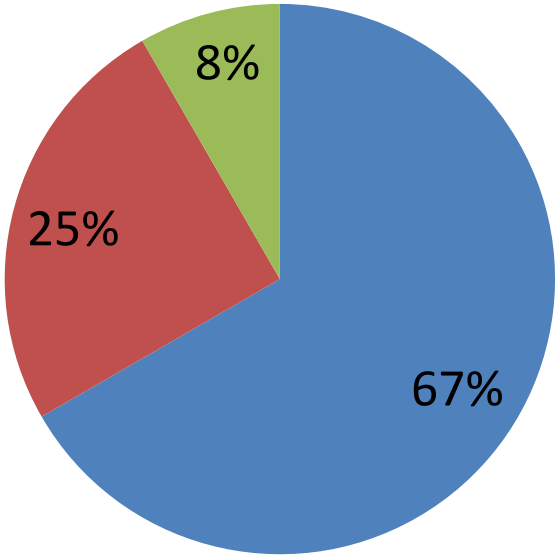
Survey data

IMPACT ON YOUNG RESEARCHERS' CAREER

% of young researchers whose career was impacted by the PHC program



Type of impacts

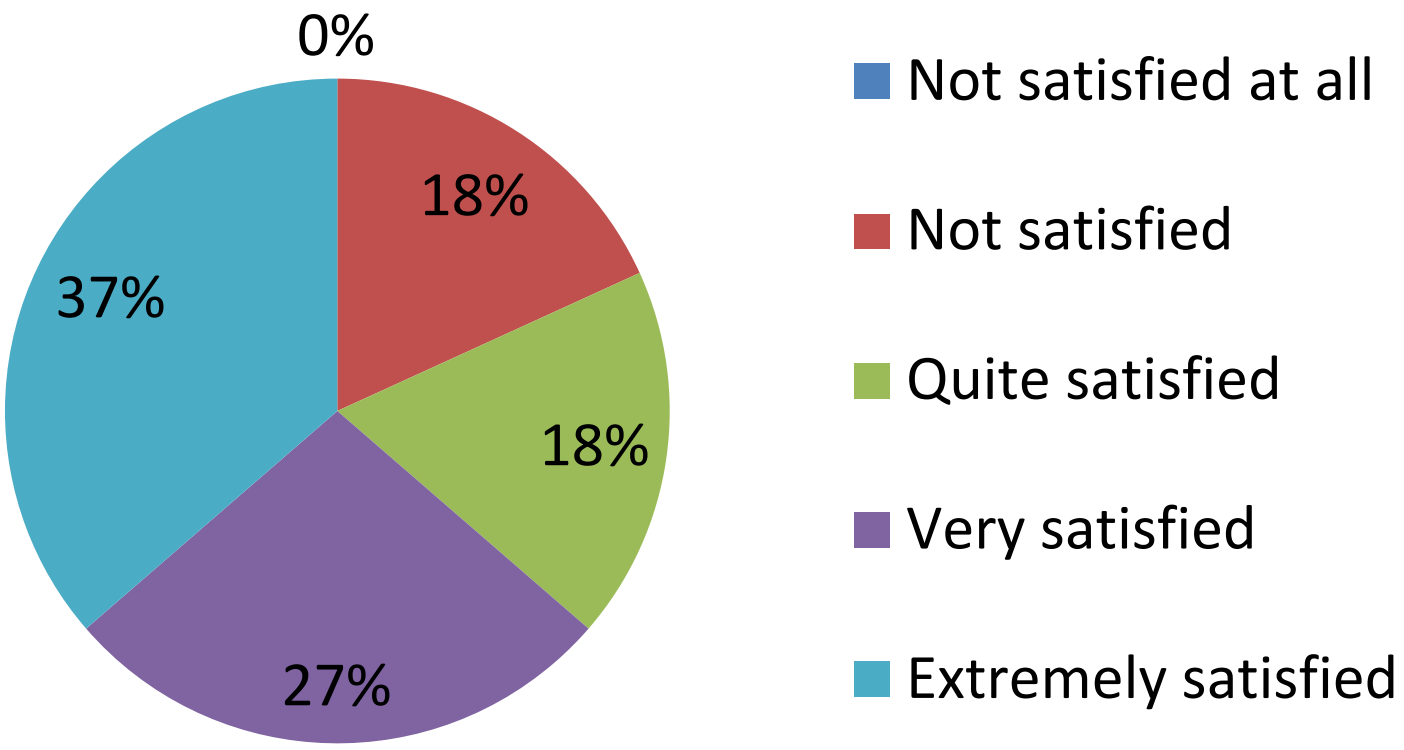


- Get a permanent or temporary job
- Get a post-doctorate contract
- Get a job in a private company

Survey data

GENERAL OPINION OF FRENCH PIS ON THE PROGRAMME

82% of French principal investigators are satisfied



Survey data

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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".

- **% of co-publications that include at least 1 PhD or PostDoc**
- **Women PIS selection rate**
- **% of projects that integrate PhD students and post-doctoral researchers**
- **% of funded projects that led to one co-publication at least**
- **Average number of co-publications per project**

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PRELIMINARY RECOMMENDATIONS

RECOMMENDATIONS

- **Aim an average 30% success rate**
- **Promote scientific co-publications (67% of projects with no co-publications ; average number of co-publications per project : 0,8)**
- **Promote co-publications by young researchers (average rate of co-publications by young researcher is only 48%)**

CONCLUSIONS

Preliminary conclusions suggest that the funding scheme is efficiently contributing to maintain a fruitful and long term cooperation, despite the relatively low financial support, which is to be considered as "seed money".

Thank you for your attention

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

Contacts

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