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FRANCE – CANADA

Scientific impact of the program FCRF (FRANCE CANADA RESEARCH FUND) (2001-2021)

MESR-DAEI / MEAE

2024

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

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GENERAL PRESENTATION OF THE PROGRAM

Creation : 2000

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

Total budget (France + Canada) : around 138 000 € / year

>> including budget from the French part : 82 800 €/year

>> including budget from the Canadian part : around 55 200 € / year

Average budget per project (France) : 4 850 € / year

Average budget per project (France + Canada) : around 8 100 € / year

Number of new funded projects per year (2001-2021) : 17

From 2014-2021 :
1127 applications submitted
141 projects funded

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DATA SOURCES

FCRF Committee (2014-2021)

- Information about the FCRF applications
- Complete data not available before 2014

Survey (2001-2021)

- Target : French and Canadian Principal Investigators of selected projects between 2001 and 2021
- French survey duration : from July to September 2023
  34% response ratio (103 respondents for 305 queries)
- Canadian survey duration : from September to November 2023
  (106 respondents)

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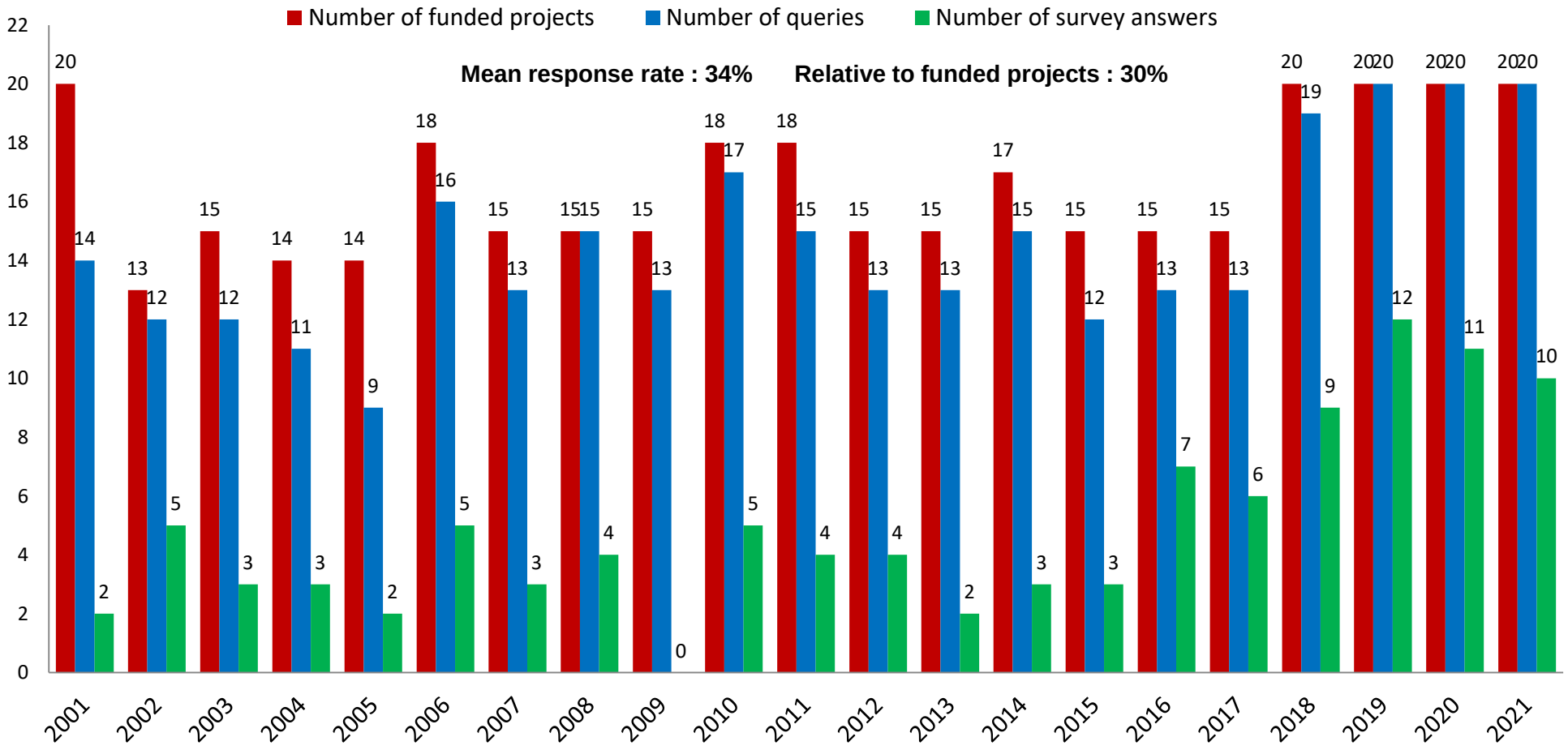
ANSWERS TO THE SURVEY

Average response rate to the French survey : 34 % (103 answers)



347 funded projects between 2001 and 2021, 305 valid email adresses

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2001-2021
Key Points

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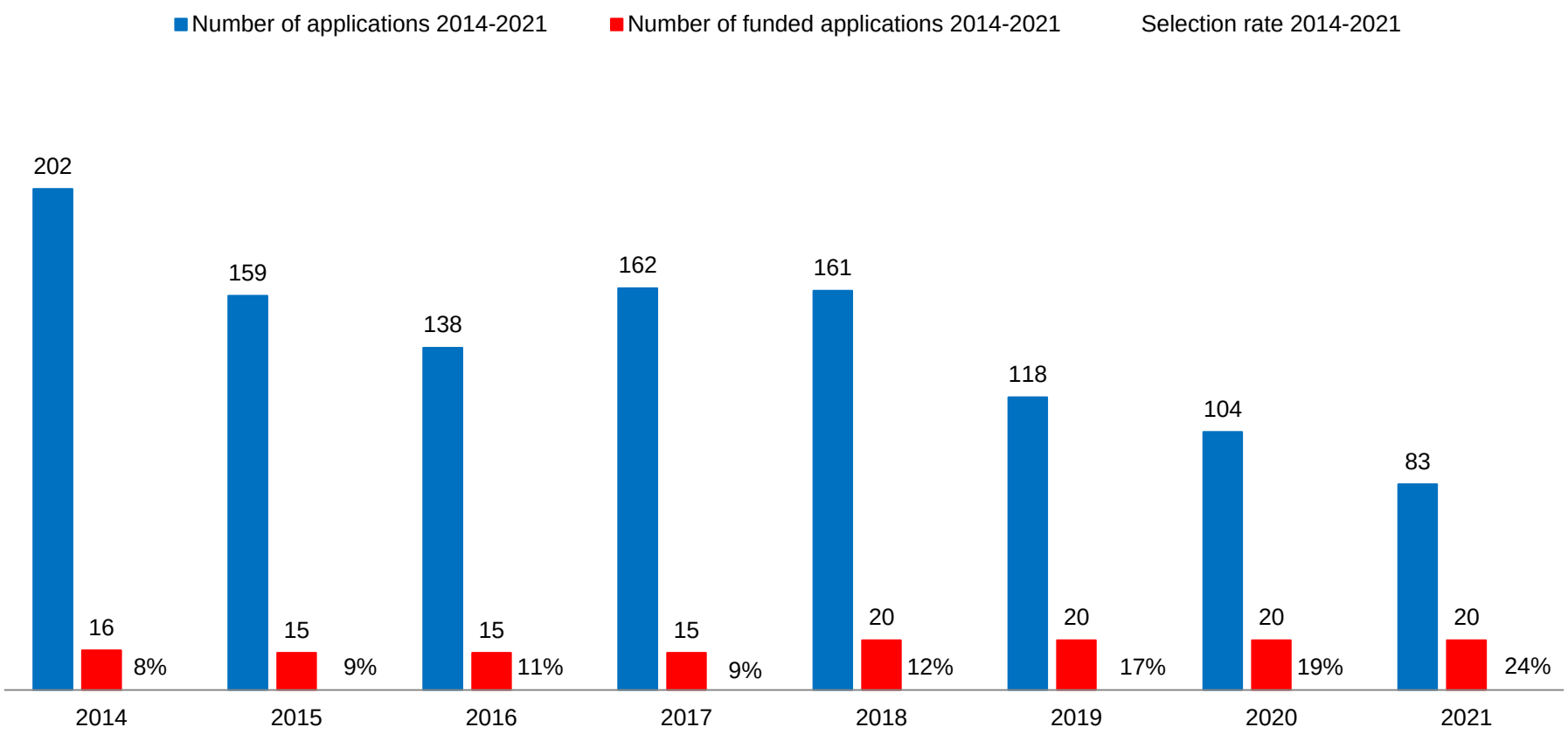
NUMBER OF APPLICATIONS AND SELECTION RATE

Average selection rate from 2014-2021: 13%



Decrease in the number of applications

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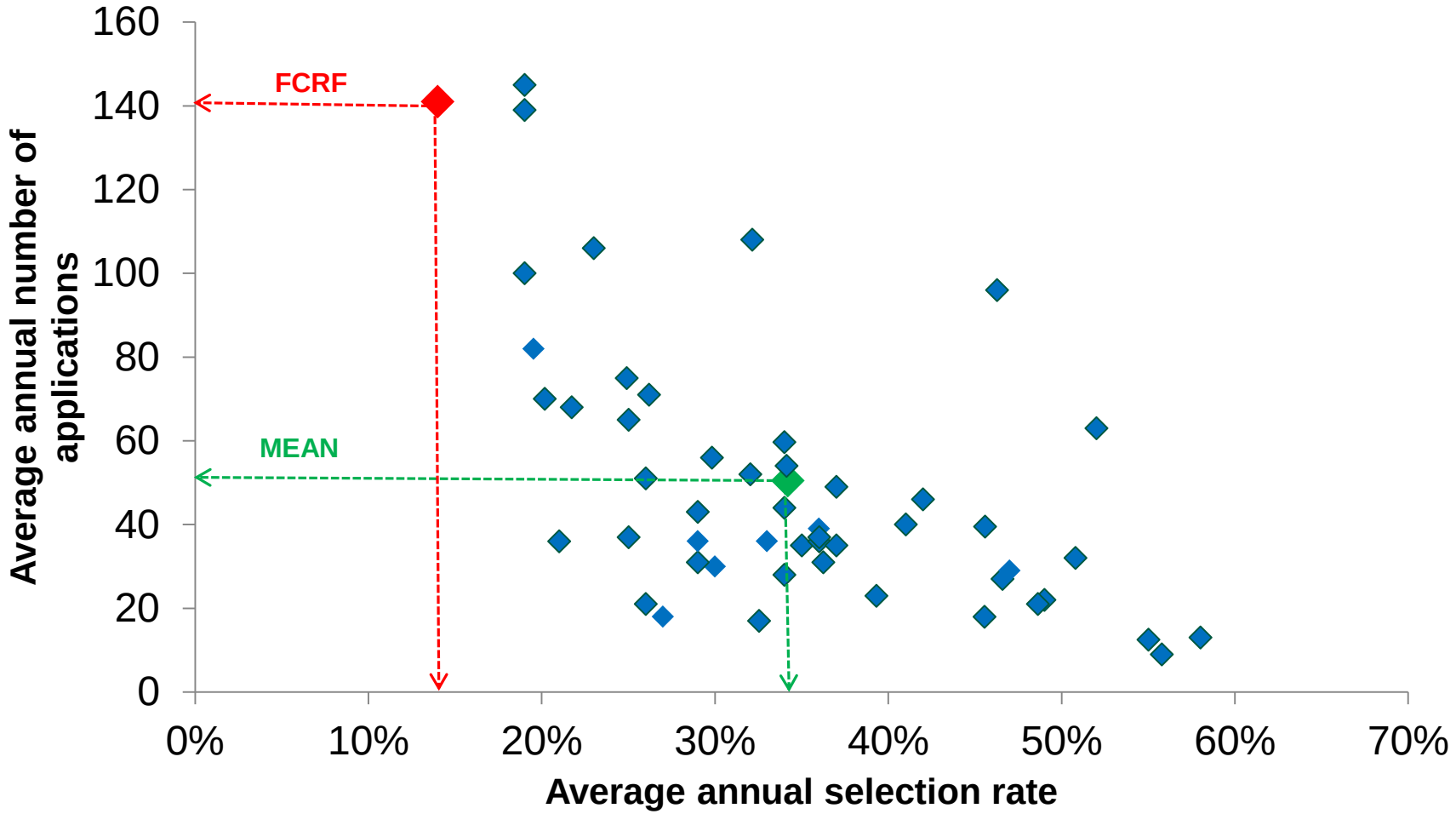
NUMBER OF APPLICATIONS VS SELECTION RATE
(COMPARISON BETWEEN 51 DIFFERENT BILATERAL PROGRAMS)



Average annual selection rate for 2014-2021 : 14% vs 34% mean
Average annual number of applications 2014-2021 : 141 vs 50 mean

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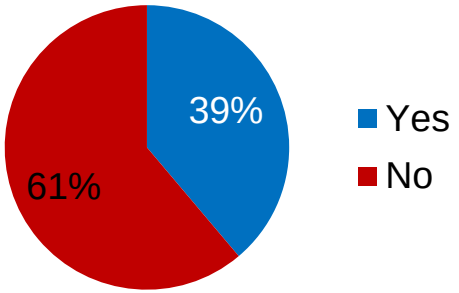
BEFORE THE FCRF PROJECT (1/2)

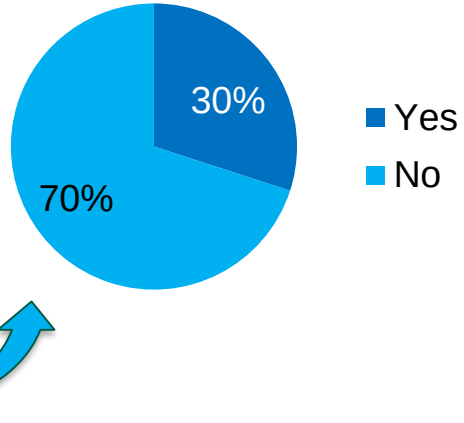
French and Canadian surveys

Did you already cooperate with Canada in the past ?



Data from 103 responses

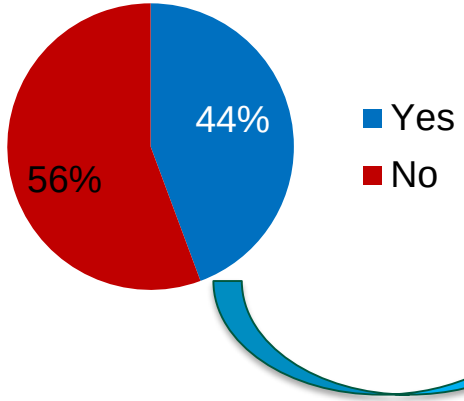
If yes, was it with the same partner?



Data from 40 responses

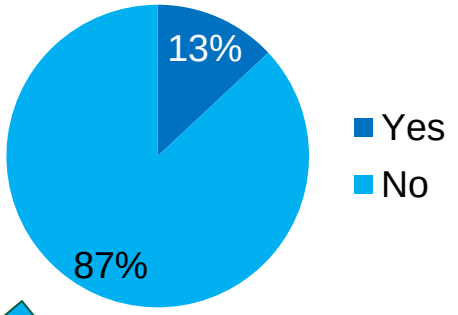
French survey

Did you already cooperate with France in the past ?



Data from 106 responses

If yes, was it with the same partner?



Data from 46 responses

Canadian survey

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BEFORE THE FCRF PROJECT (2/2)

French and Canadian surveys

With which scientific collaboration program ?	FR	CN
FCRF	18%	19%
NSERC		16%
Program co-financed by French institutions		11%
SSHRC		6%
Co-funding with Canadian institutions	5%	
French Government Grant	5%	
French National Resarch Agency (ANR)	5%	
CNRS International Emerging Action	5%	
Private sector funding	3%	11%
CRSNG		3%
H2020/Horizon Europe		2%
IRSC		2%
CRSH		2%
Other	60%	29%

Plus respectively 82 and 77 previous cooperations based on other exchanges (scientific coproduction, meetings, joint PhD…)

Data from respectively 35 and 41 responses

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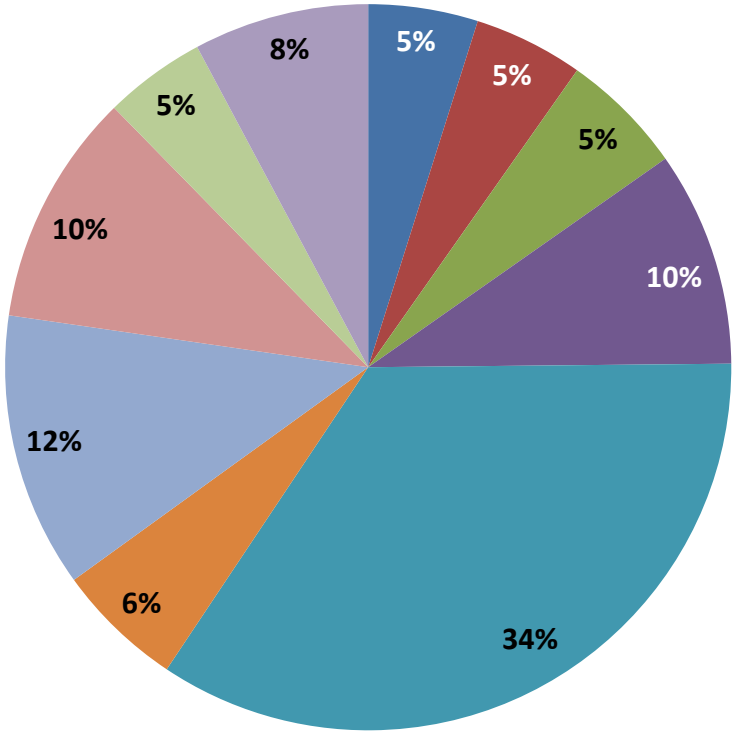
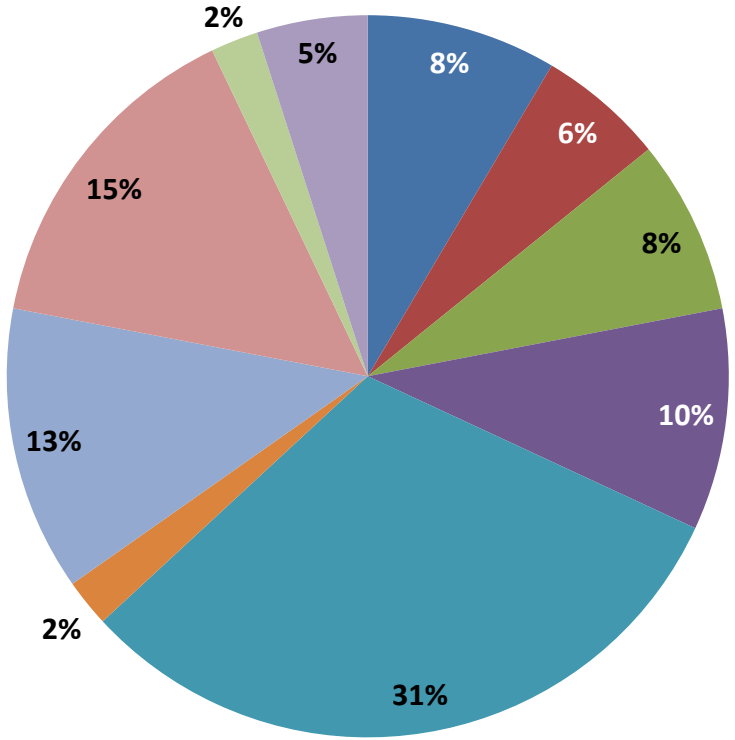
SCIENTIFIC DOMAINS OF PROJECTS (2014-2021)

Number of applications : 1127



Number of funded projects : 141



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

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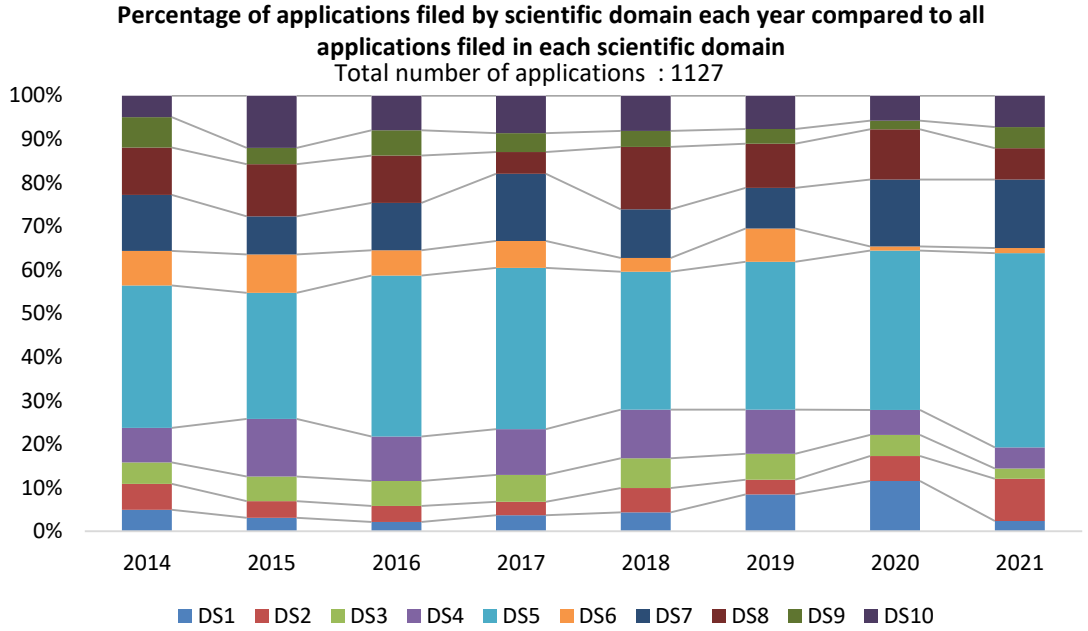
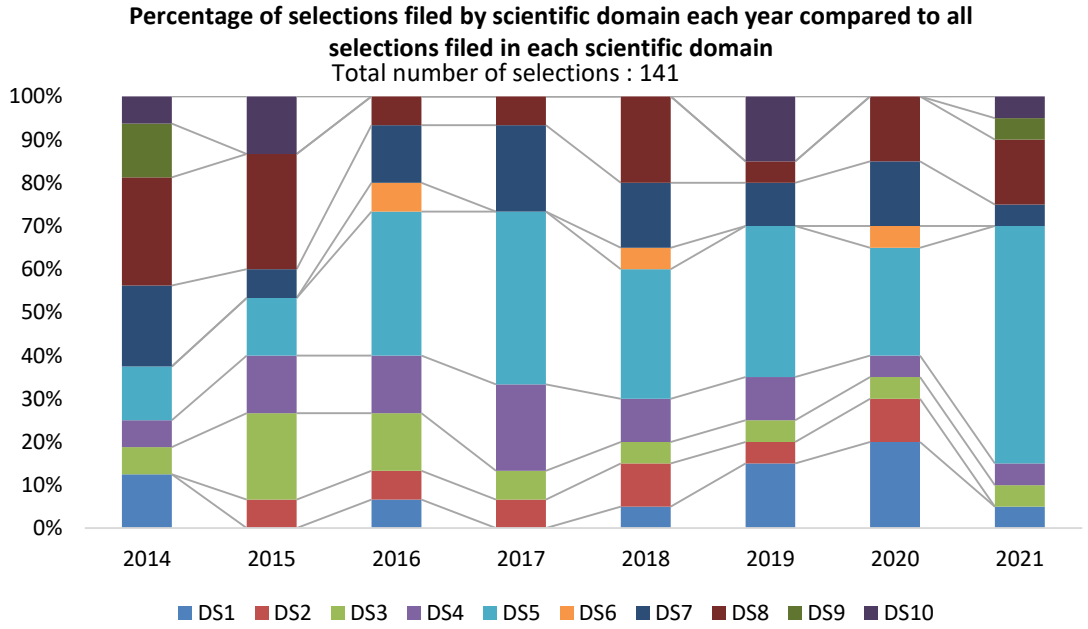
SCIENTIFIC DOMAINS : EVOLUTION 2014-2021

DS1 : Mathematics and its interactions
DS2 : Physics
DS3 : Earth, marine and universe sciences, space
DS4 : Chemistry
DS5 : Biology, medicine, health
DS6 : Humanities
DS7 : Social sciences
DS8 : Engineering sciences
DS9 : Information and communication sciences and technologies
DS10 : Agricultural and ecological sciences





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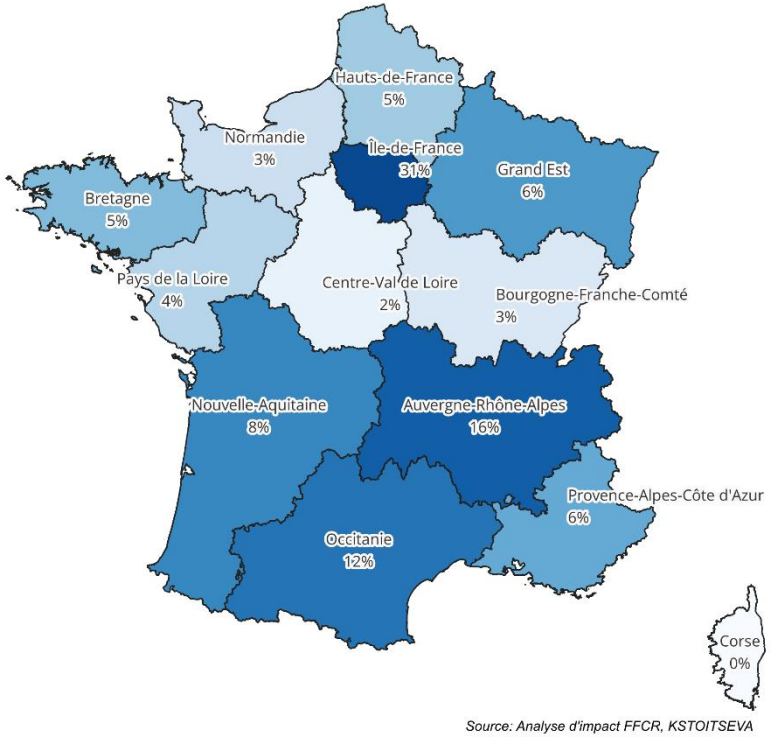
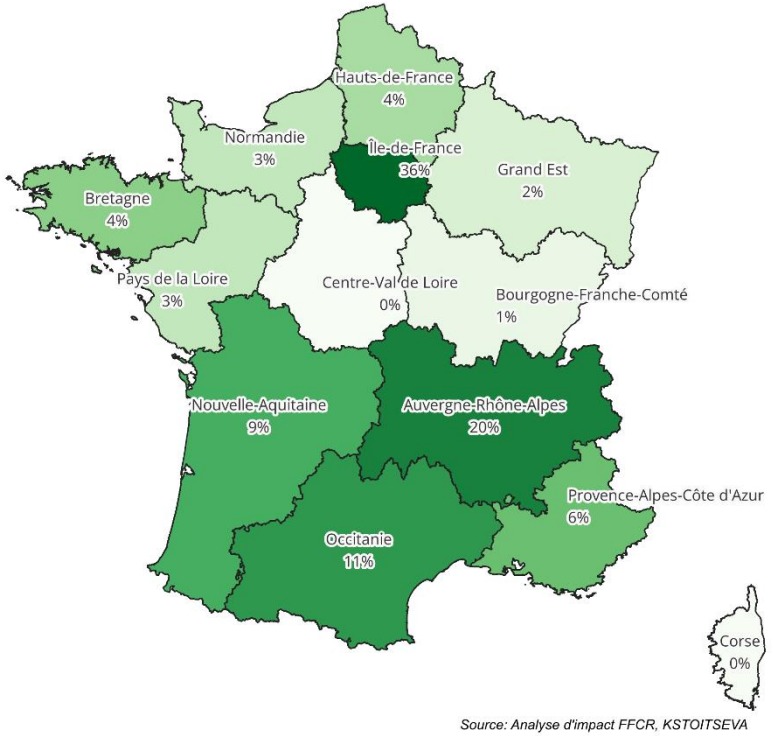
REGIONAL DISTRIBUTION OF SELECTED PROJECTS 2014-2021

Program France CANADA RESEARCH FUND
Regional percentages of applications and selections
2014-2021



Source: Analyse d'impact FFCR, KSTOITSEVA



Source: Analyse d'impact FFCR, KSTOITSEVA

Total number of applications
(all domains)
1127

Total number of selections
(all domains)
141

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

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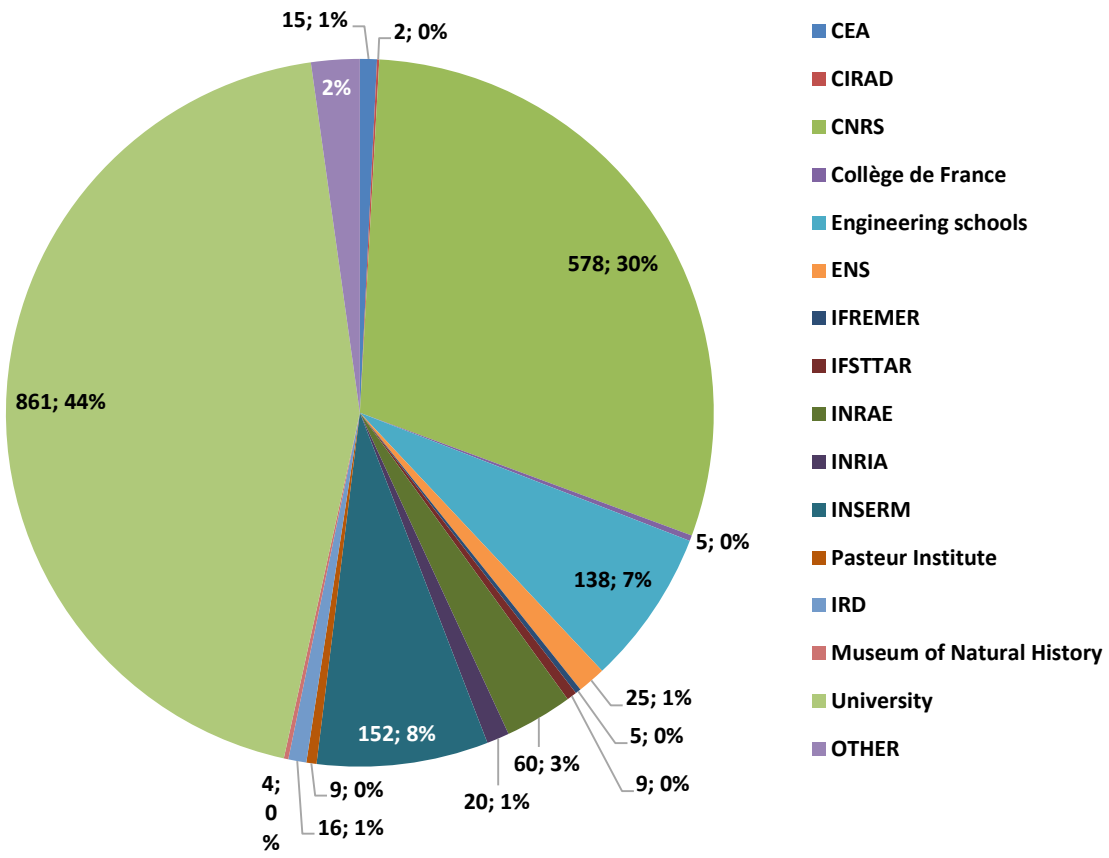
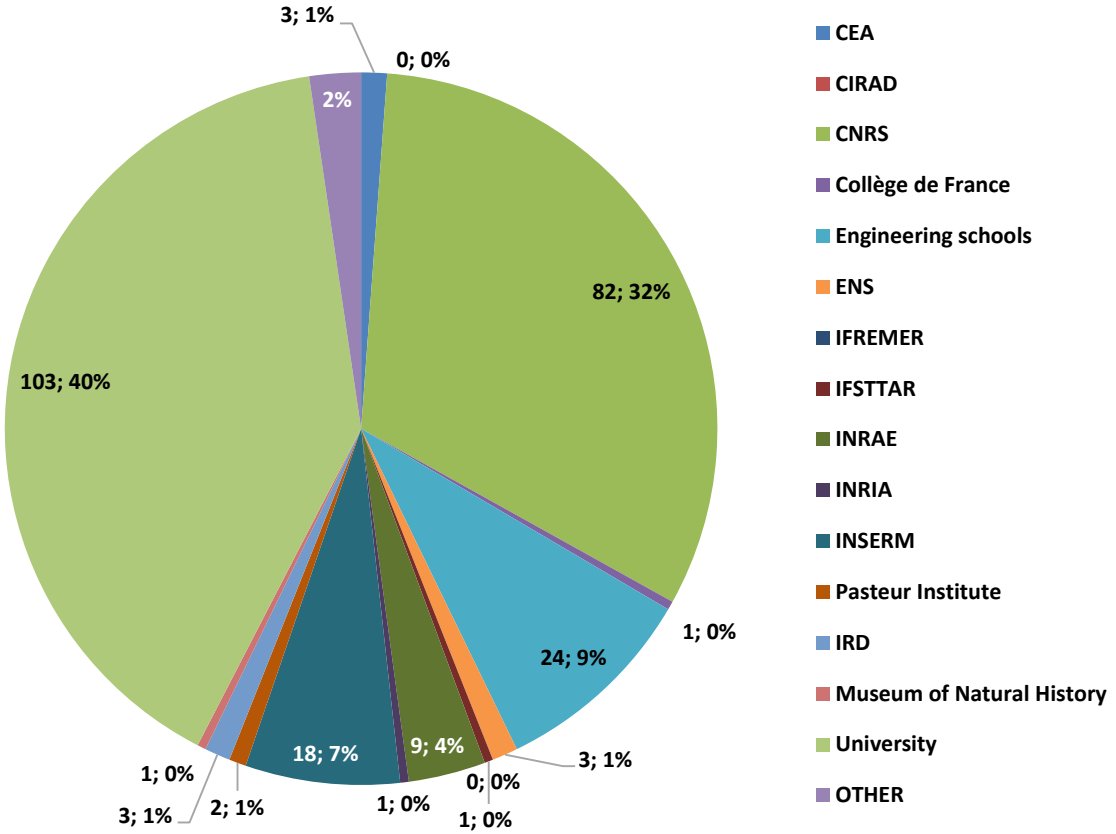
FRENCH PARTICIPATING INSTITUTIONS
(DATA FROM THE COMMITTEE)

INSTITUTIONS OF CANDIDATES



Data from 1126 submitted projects

INSTITUTIONS OF LAUREATES



Data from 141 selected projects

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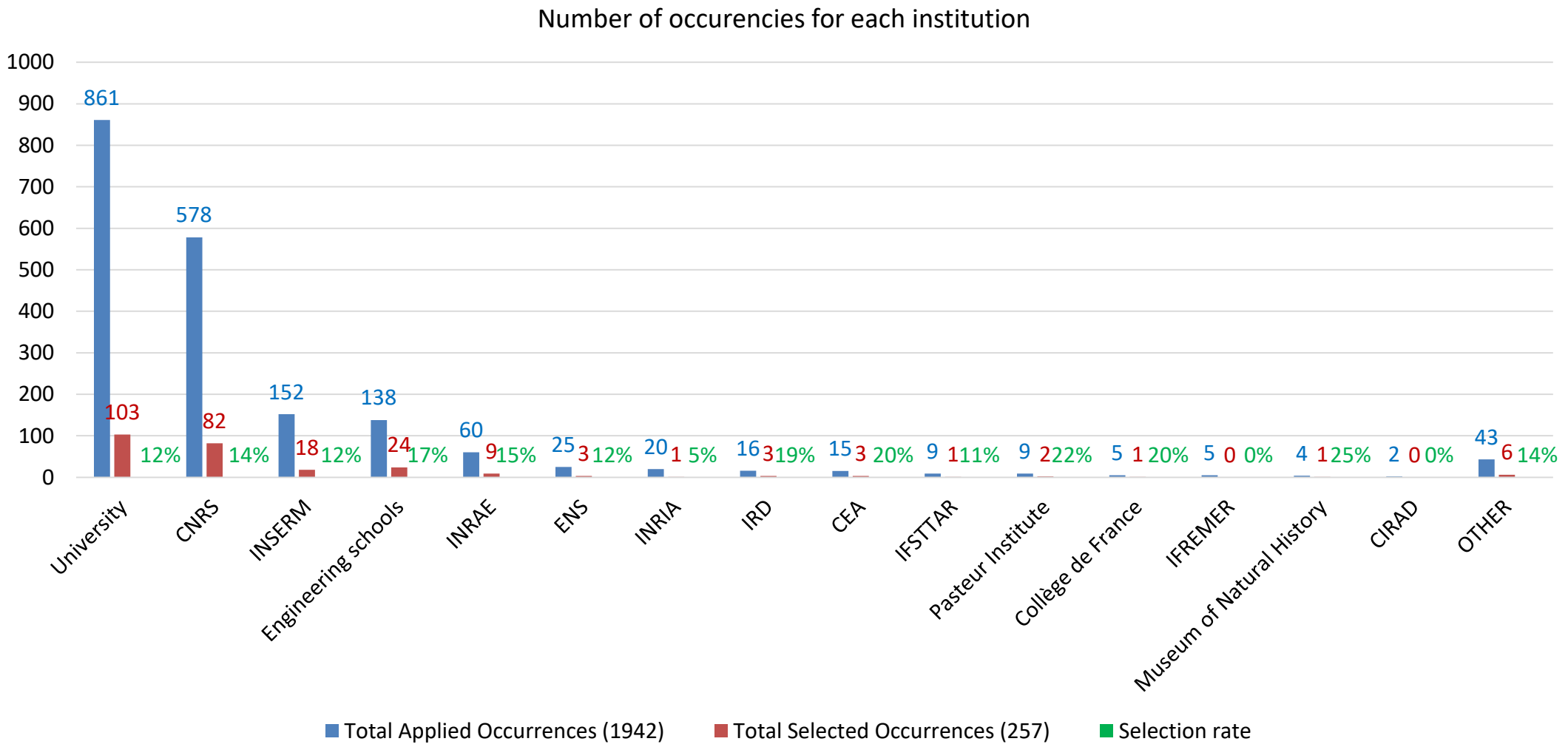
FRENCH PARTICIPATING INSTITUTIONS
(DATA FROM THE COMMITTEE)



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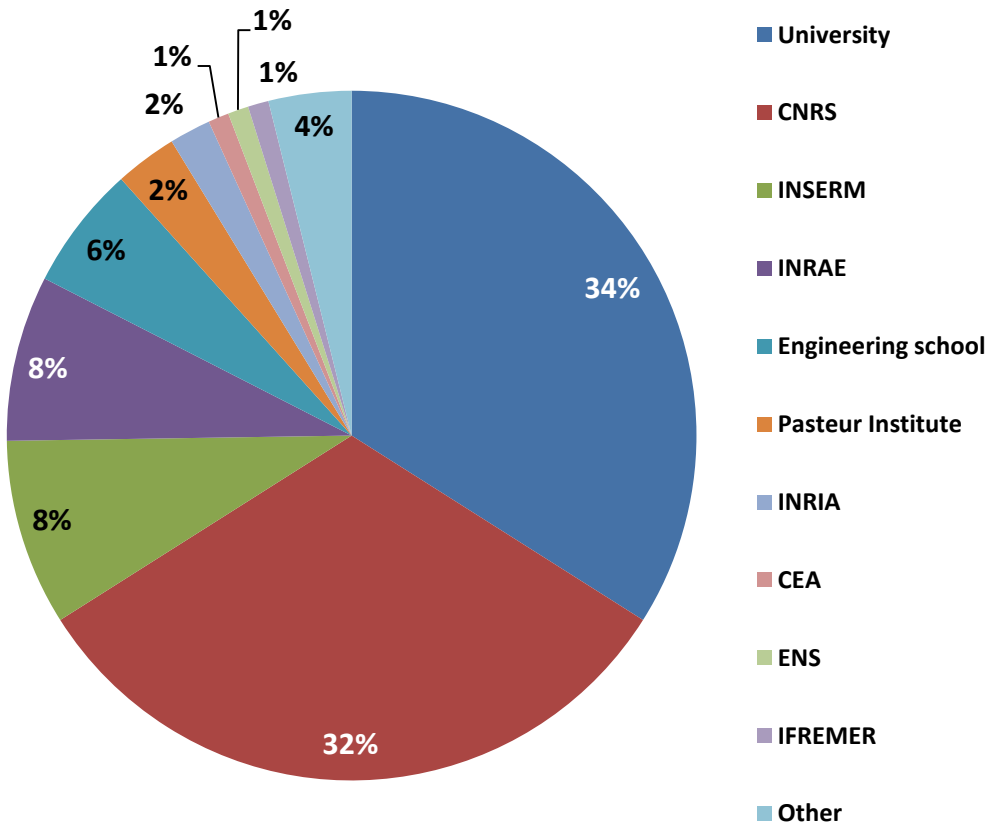
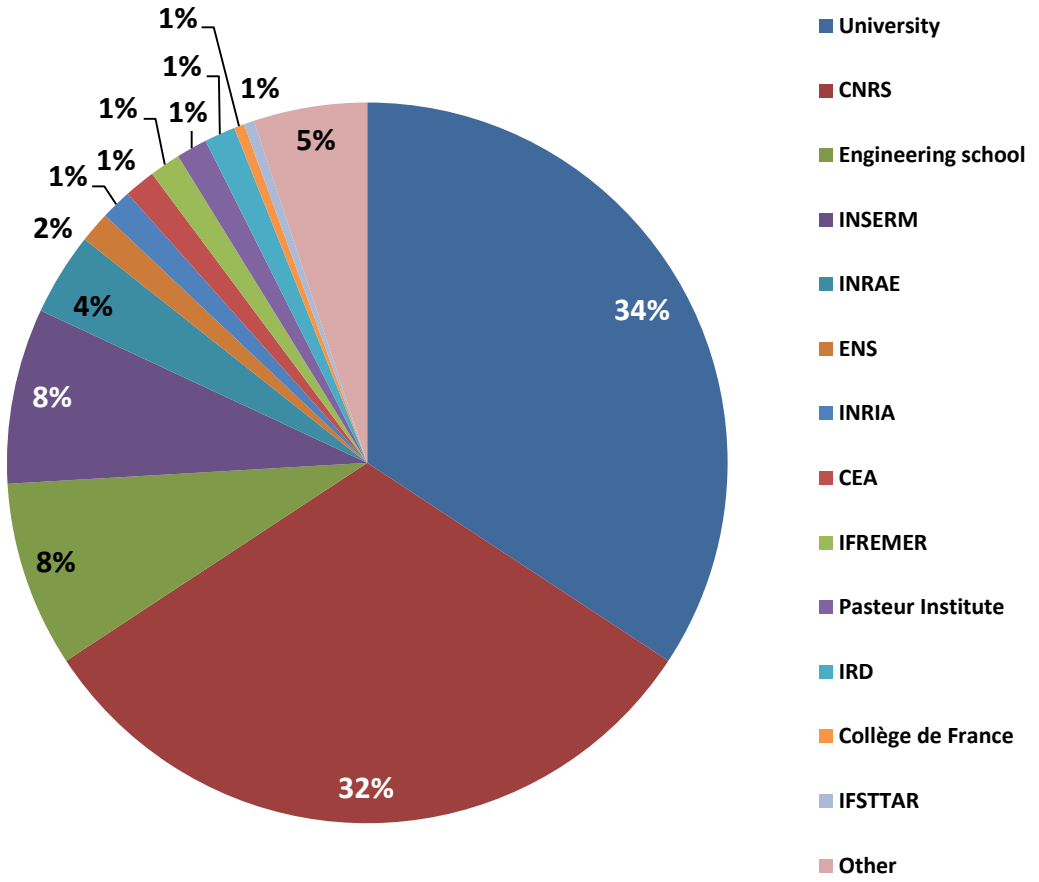
PARTICIPATING INSTITUTIONS
(DATA FROM THE FRENCH SURVEY)

PI's employers



Laboratories authorities



Data from respectively 103 responses

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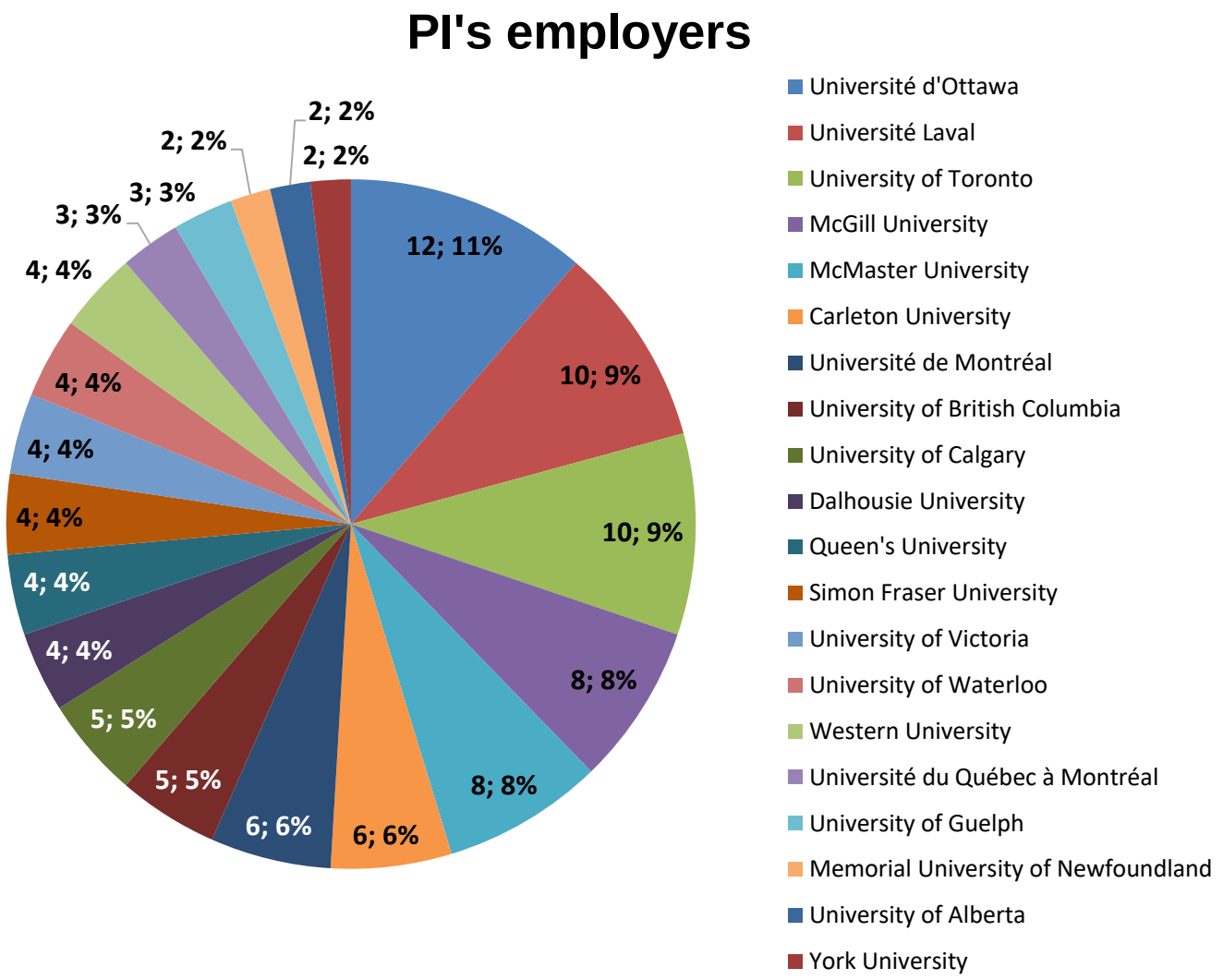
PARTICIPATING INSTITUTIONS
(DATA FROM THE CANADIAN SURVEY)



Data from 106 responses

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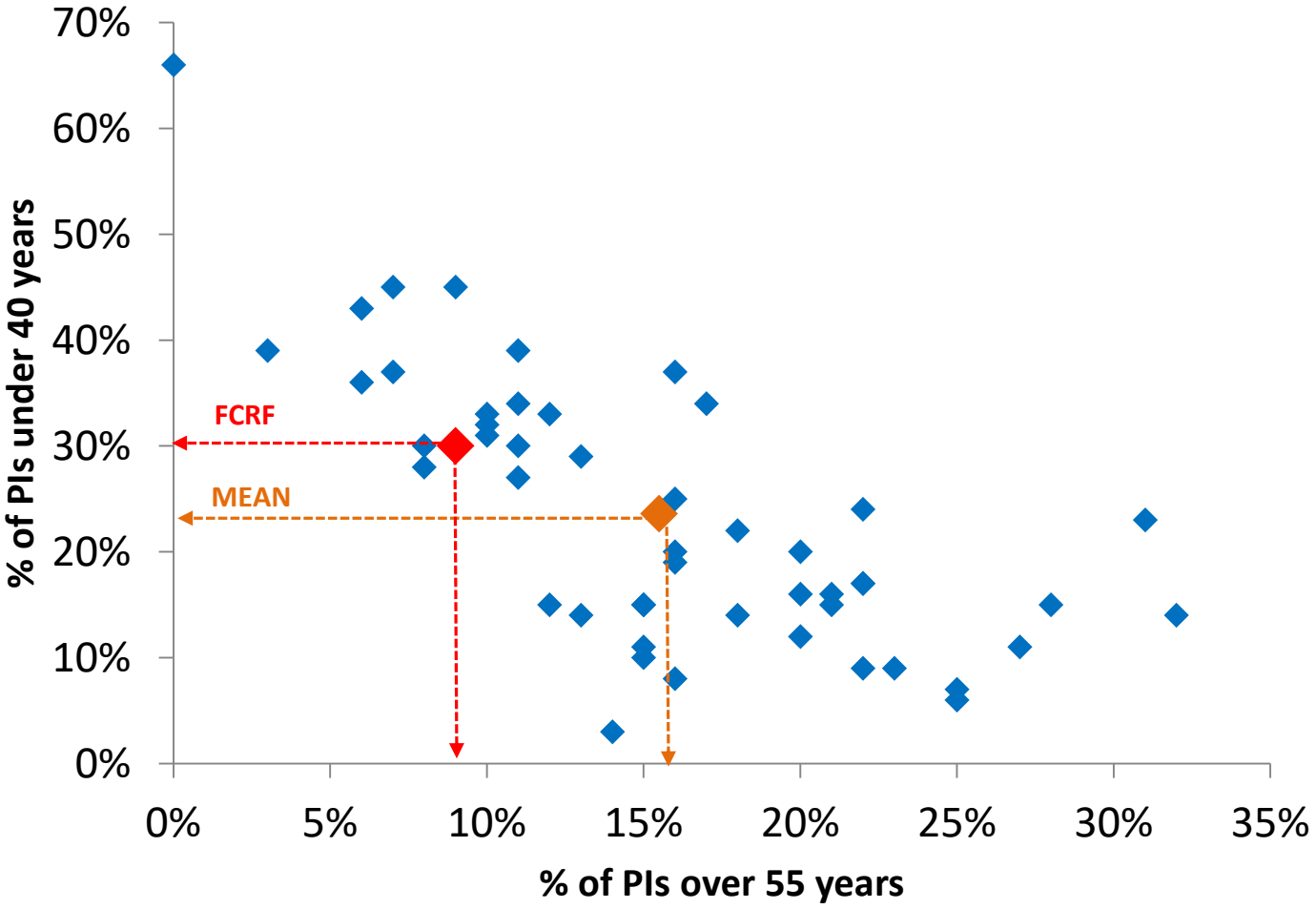
AGE OF PRINCIPAL INVESTIGATORS (PI) 2001-2021

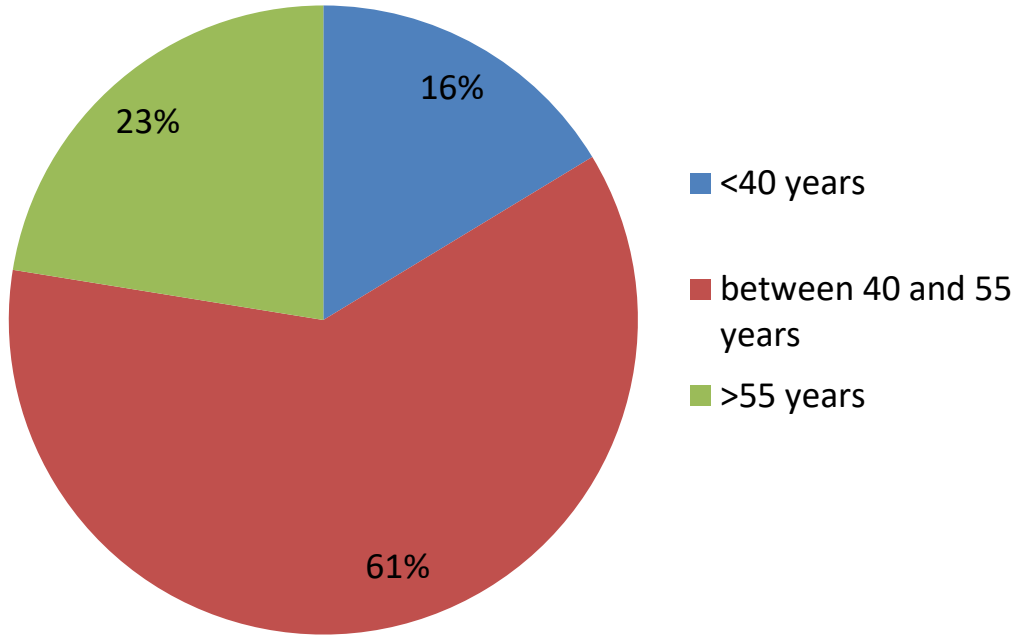
French Survey (102 responses)

(Comparison between 51 different bilateral programs)



Laureates under 40 years : 30% vs 24% mean
Laureates over 55 years : 9% vs 16% mean
Laureates between 40 et 55 years : 61% vs 60% mean

Canadian Survey (98 responses)



Laureates under 40 years : 16%
Laureates over 55 years : 23%
Laureates between 40 et 55 years : 61%

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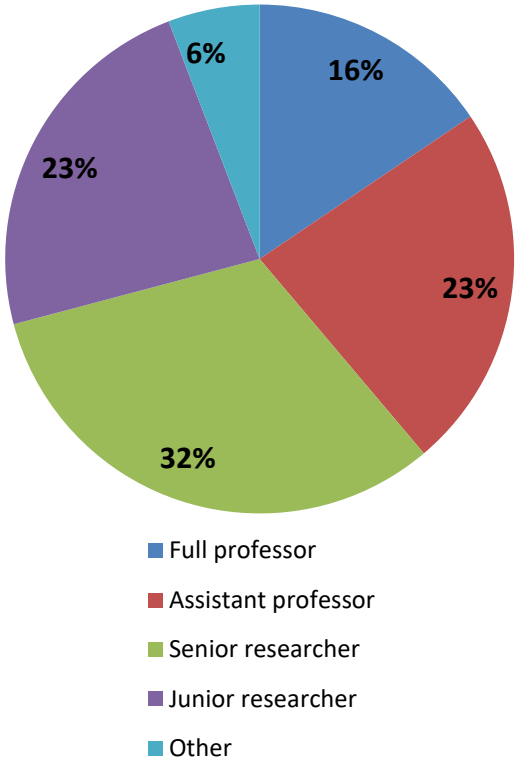
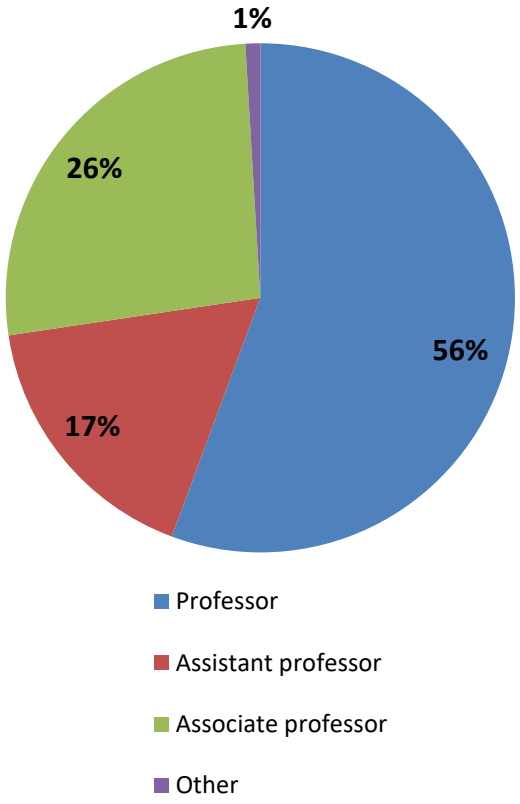
PRINCIPAL INVESTIGATORS : STATUS 2001-2021

FRENCH AND CANADIAN SURVEYS

Previous professional status (at the beginning of the project)

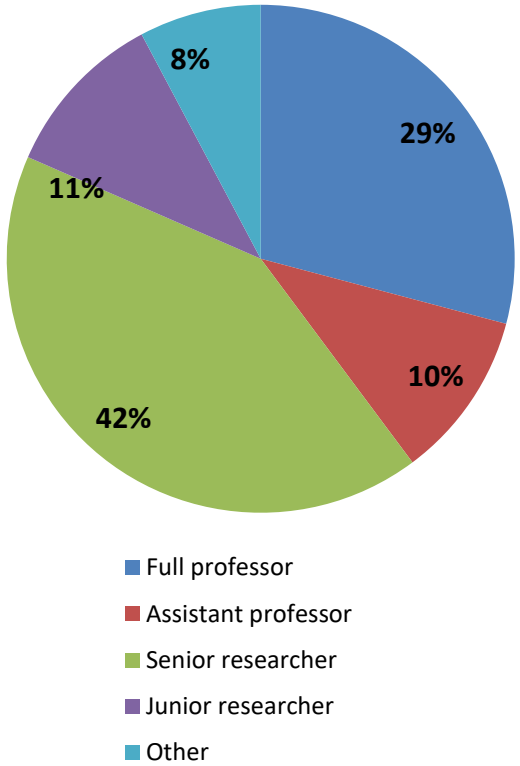


French Survey

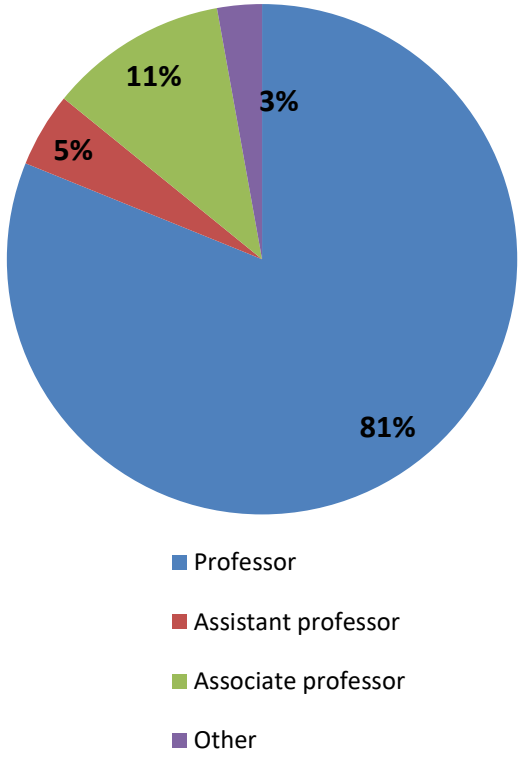


Canadian Survey

Current professional status



French Survey



Canadian Survey

Data from respectively 103 and 106 responses

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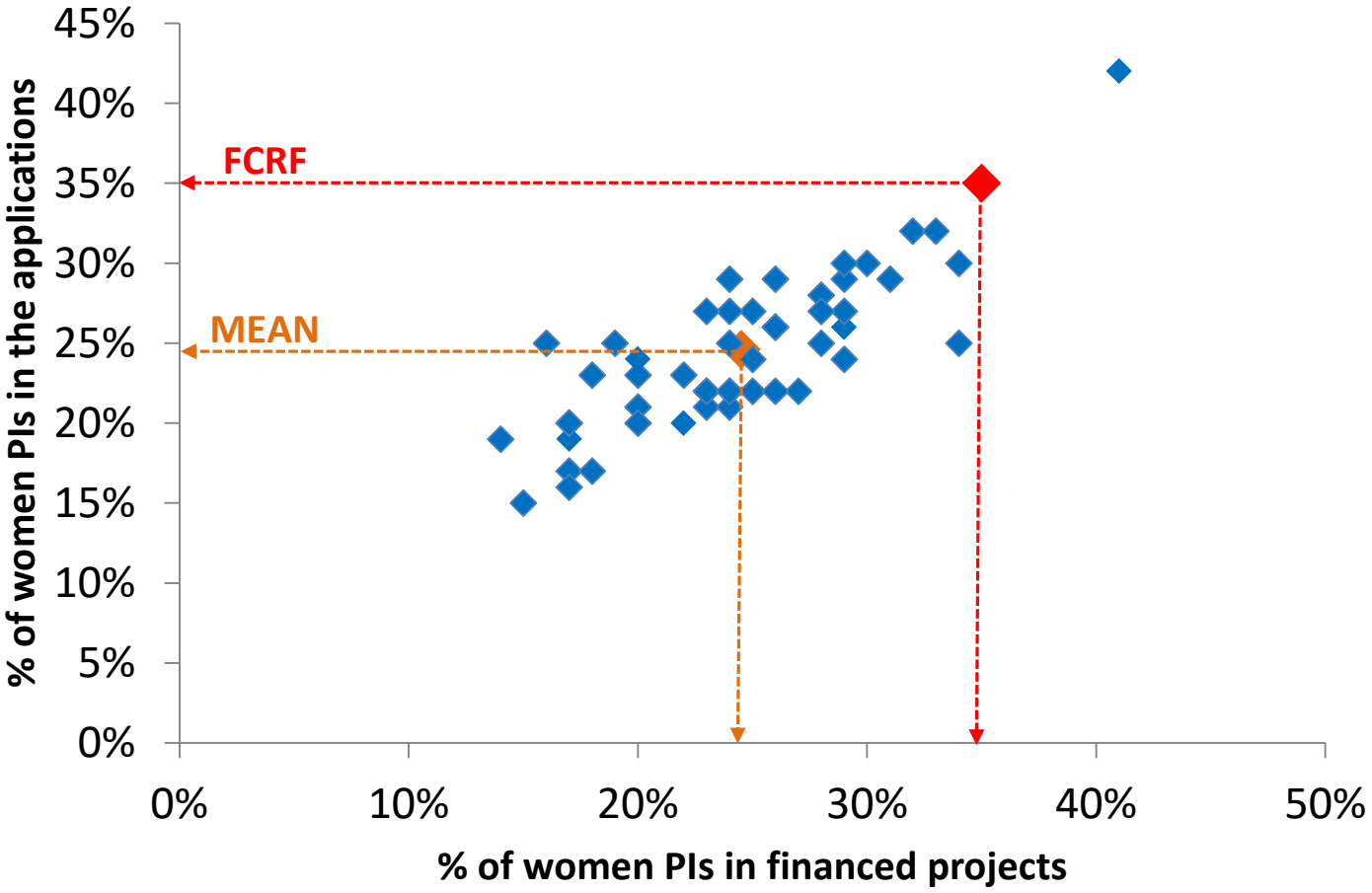
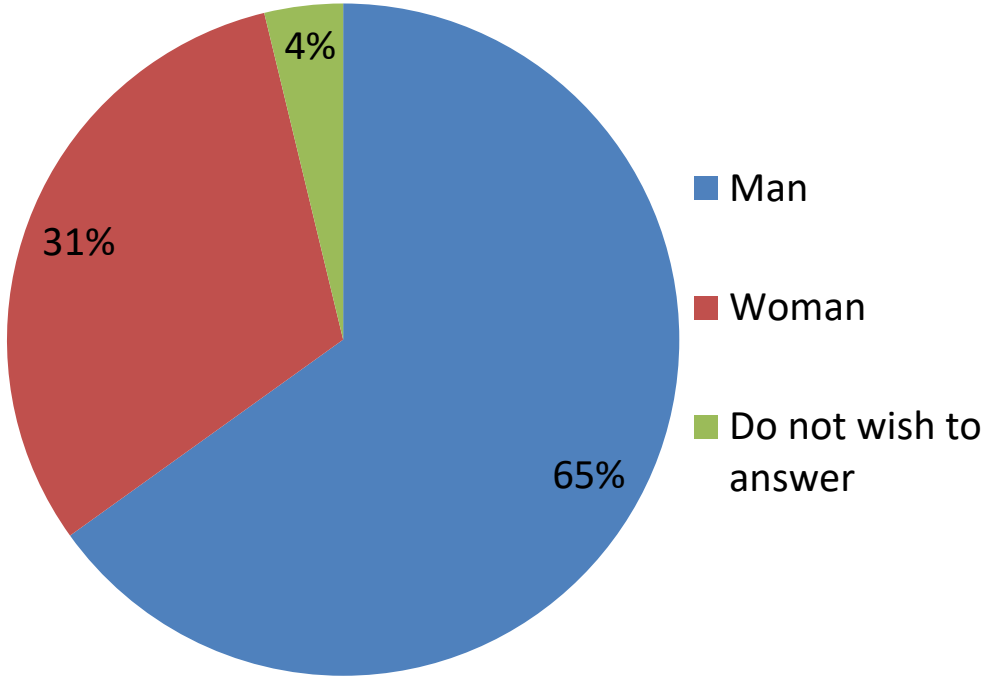
IMPLICATION OF WOMEN

2014-2021 COMMITTEE DATA
(Comparison between 51 different bilateral programs)



% of women PIs candidates (391) : 35% vs 25% mean
% of women PIs laureates (49) : 35% vs 25% mean

2001-2021 Canadian Survey (106 responses)



Data from 106 responses

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PARTICIPATION OF YOUNG RESEARCHERS 2001-2021

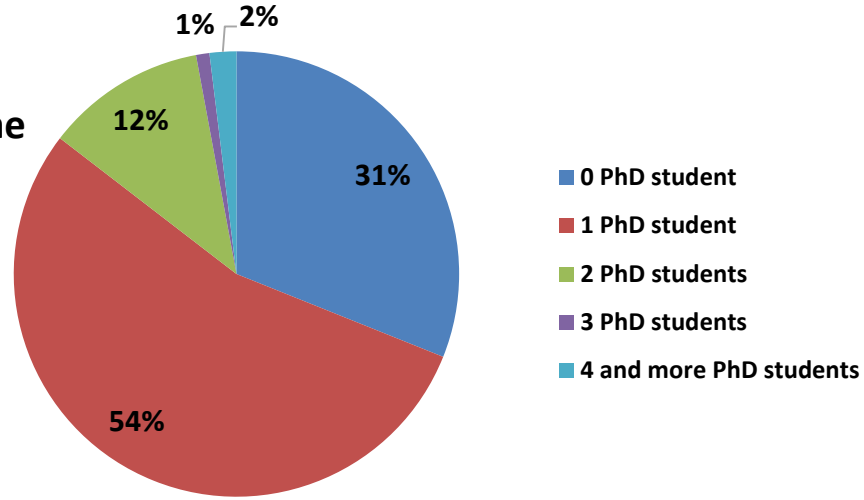
FRENCH SURVEY (103 RESPONSES)

69% of projects involve at least one French PhD student

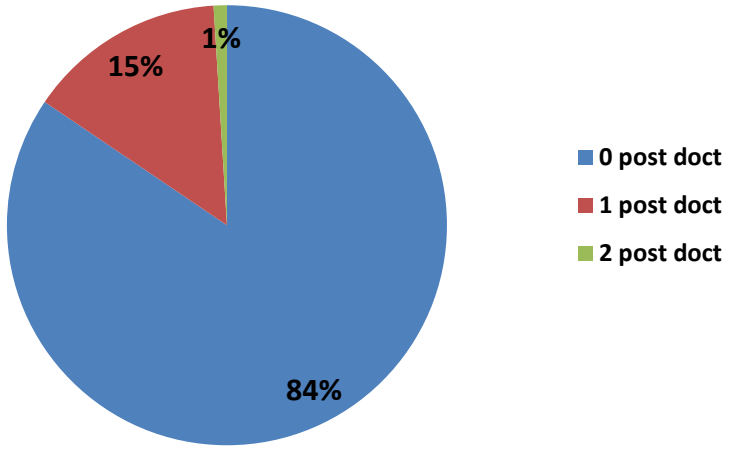
16% of projects involve at least one French post-doctoral researcher

76% of the projects imply a French young researcher, PhD or postdoc

Number of French PhD students



Number of French post-doctoral researchers

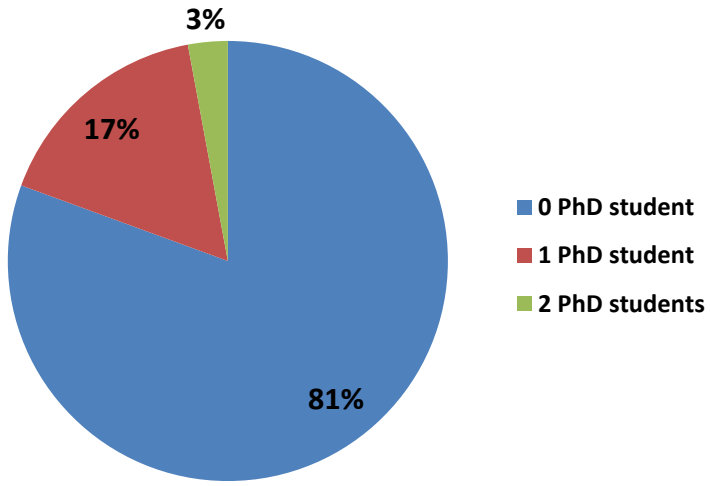


19% of projects involve at least one Canadian PhD student

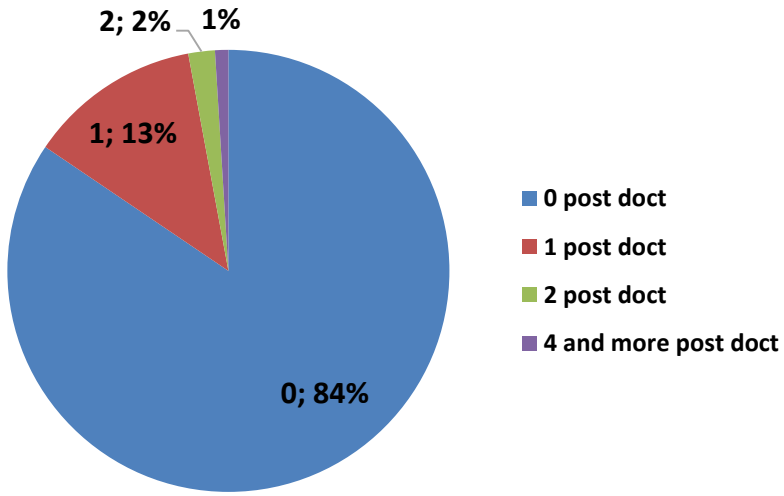
16% of projects involve at least one Canadian post-doctoral researcher

33% of the projects imply a Canadian young researcher, PhD or postdoc

Number of Canadian PhD students



Number of Canadian post-doctoral researchers



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PARTICIPATION OF BOTH FRENCH AND CANADIAN YOUNG RESEARCHERS

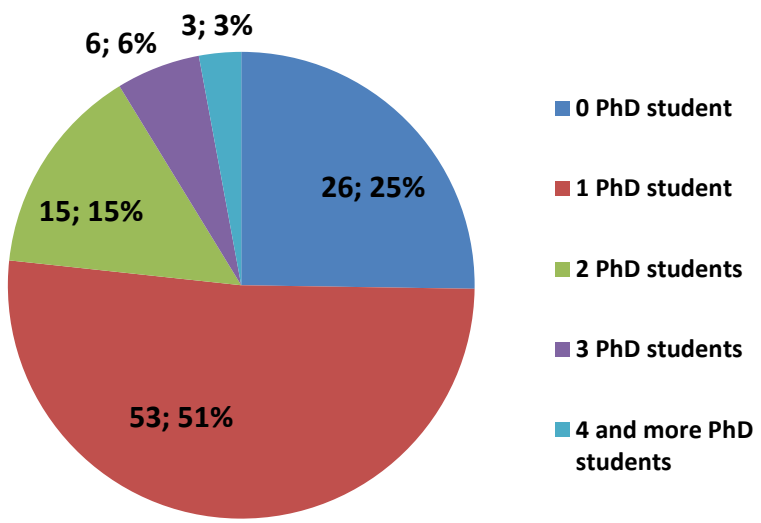
FRENCH SURVEY (103 RESPONSES)

75% of projects involve at least one PhD student

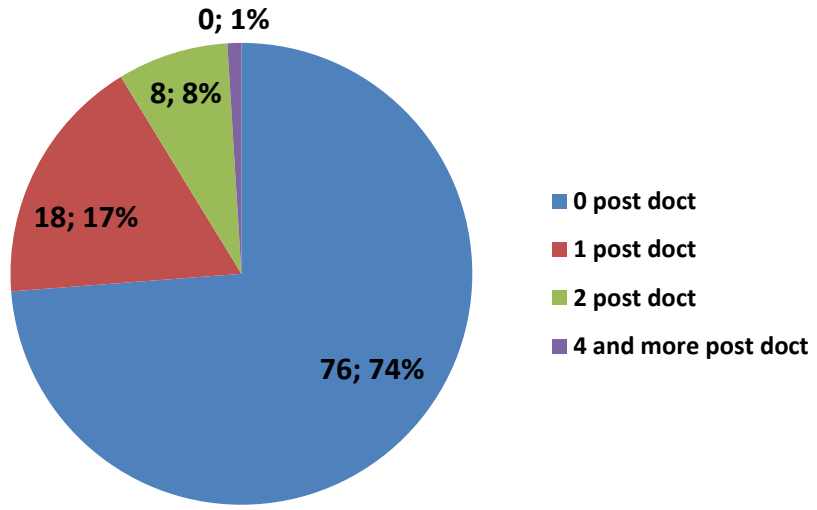
26% of projects involve at least one post-doctoral researcher

83% of the projects imply a young researcher, PhD or postdoc

Number of PhD students



Number of post-doctoral researchers



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PARTICIPATION OF YOUNG RESEARCHERS 2001-2021

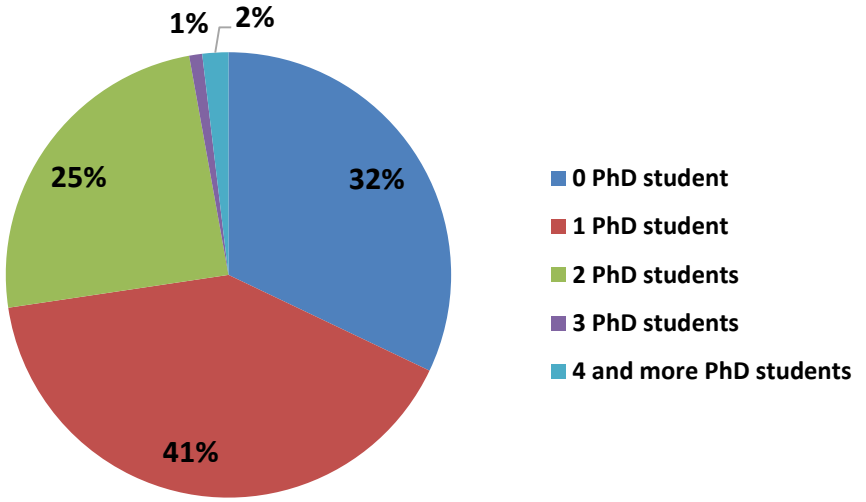
CANADIAN SURVEY (106 RESPONSES)

68% of projects involve at least one Canadian PhD student

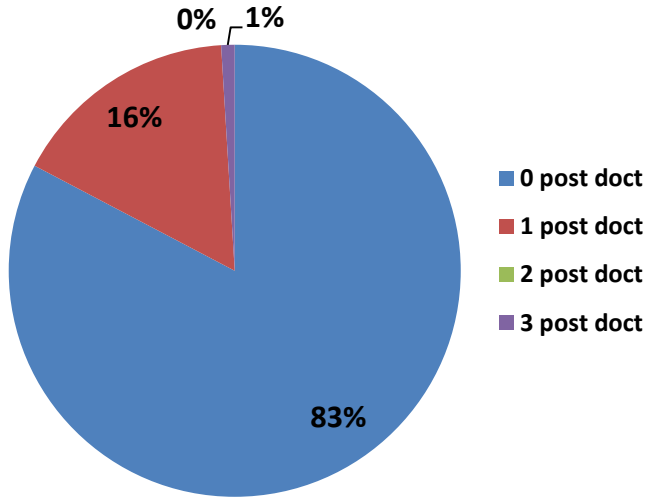
17% of projects involve at least one Canadian post-doctoral researcher

77% of the projects imply a Canadian young researcher, PhD or postdoc

Number of Canadian PhD students



Number of Canadian post-doctoral researchers



IMPLICATION OF FRENCH YOUNG RESEARCHERS IN THE PUBLICATIONS 2001-2021

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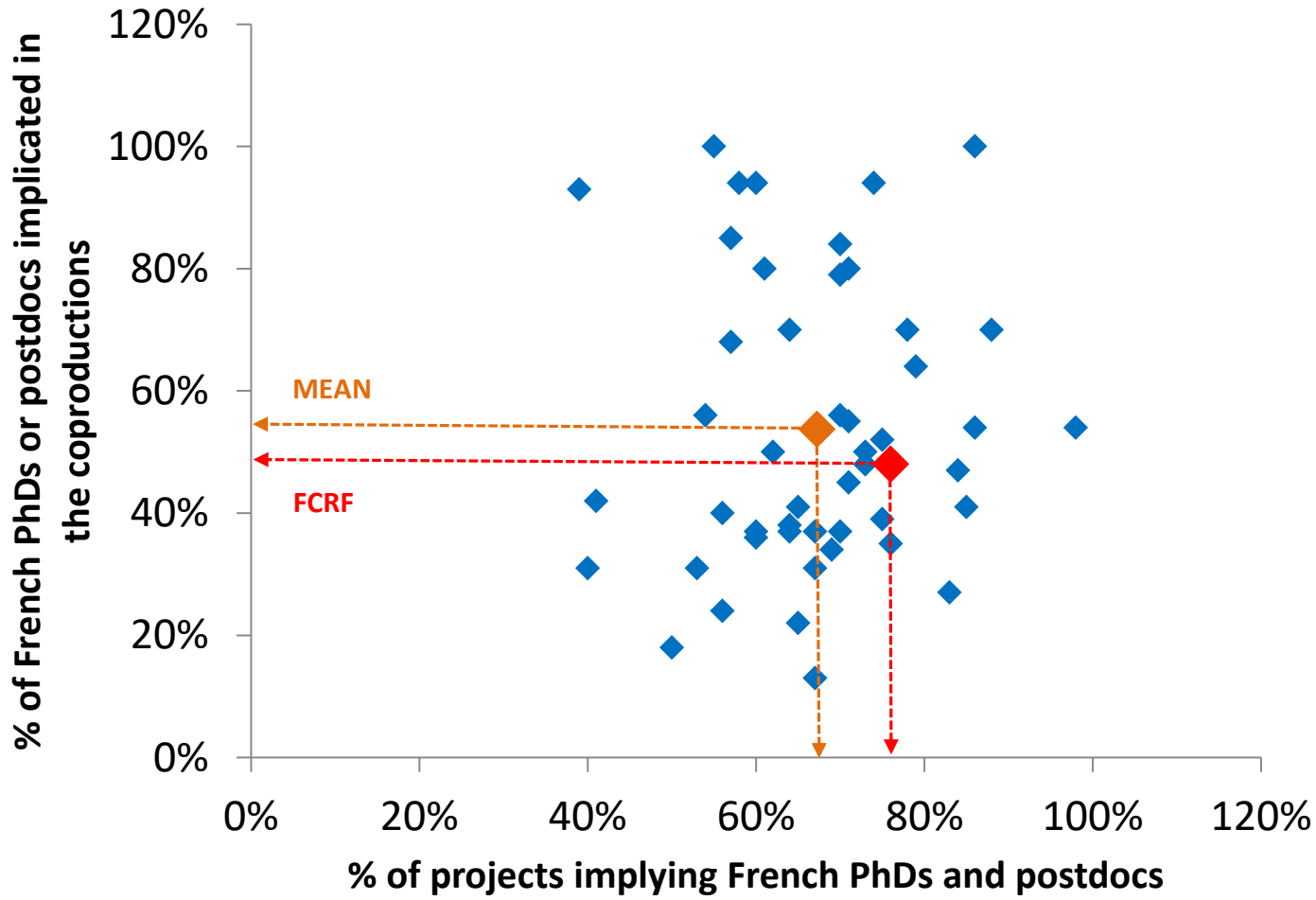
FRENCH SURVEY
(COMPARISON BETWEEN 51 DIFFERENT BILATERAL PROGRAMS)



% of projects involving french young PhDs or postdocs : 76% vs 67% mean
% of french PhDs or postdocs involved in the coproductions : 48% vs 54% mean

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SUMMARY FOR BOTH FRENCH AND CANADIAN YOUNG RESEARCHERS

FRENCH AND CANADIAN SURVEYS

Total number of PhDs	Total number of projects with PhDs	% of projects with PhDs	% of projects without PhDs
113/106	**77/72**	**75%/68%**	**25%/32%**

Total number of Postdoctorates	Total number of projects with Postdoctorates	% of projects with Postdoctorates	% of projects without Postdoctorates
38/20	**27/18**	**26%/17%**	**74%/83%**

Total number of young researchers	Total number of projects with young researchers	% of projects with young researchers	% of projects without young researchers
151/126	**85/82**	**83%/77%**	**17%/23%**

France : French and Canadian young researchers ; Canada : Canadian young researchers

Data from respectively 103 and 106 responses

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MOBILITY

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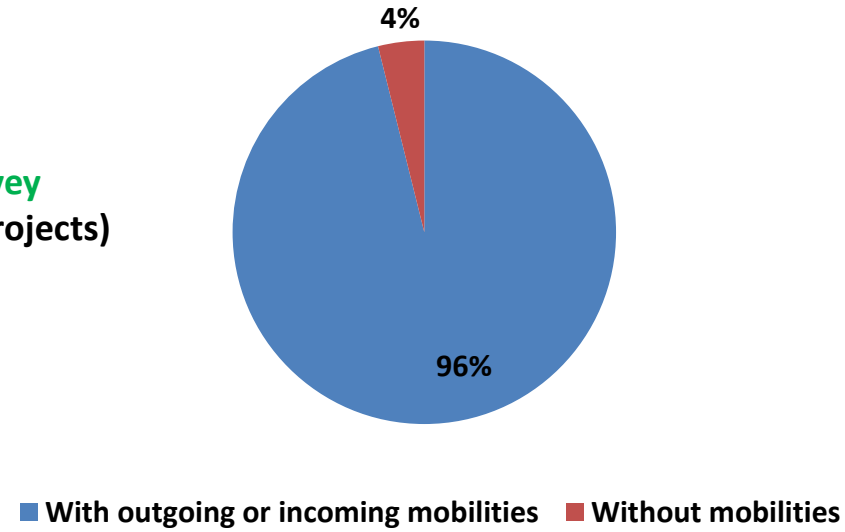
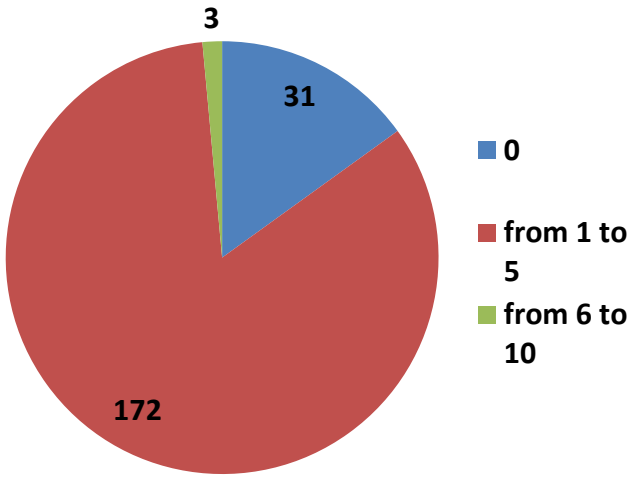
MOBILITIES 2001-2021

FRENCH AND CANADIAN SURVEYS

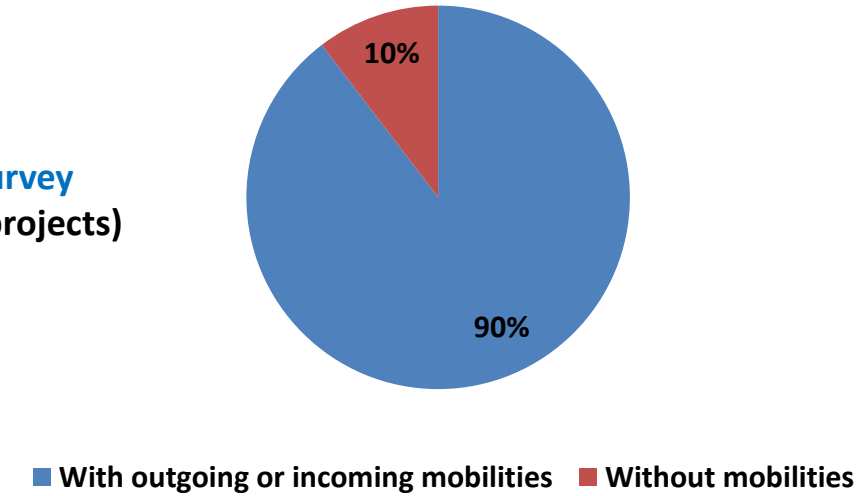
French survey
(103 selected projects)



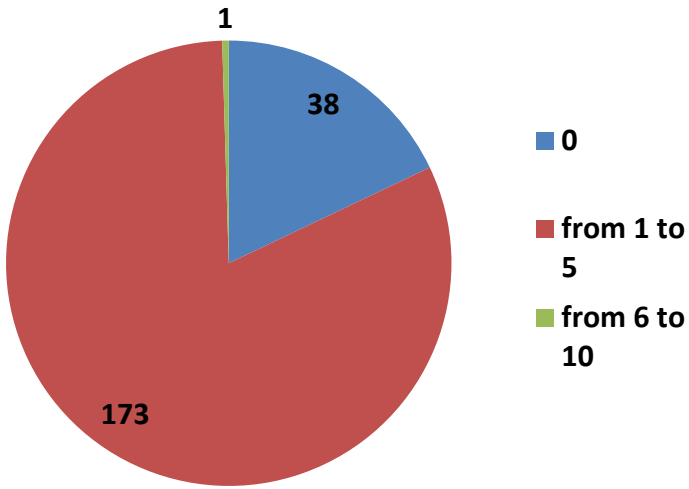
French survey
Number of mobilities per project
(103 selected projects)



Canadian survey
(106 selected projects)



Canadian survey
Number of mobilities per project
(106 selected projects)



French survey : Data from 170 outgoing mobilities and 160 incoming mobilities
Canadian survey : Data from 177 outgoing mobilities and 169 incoming mobilities

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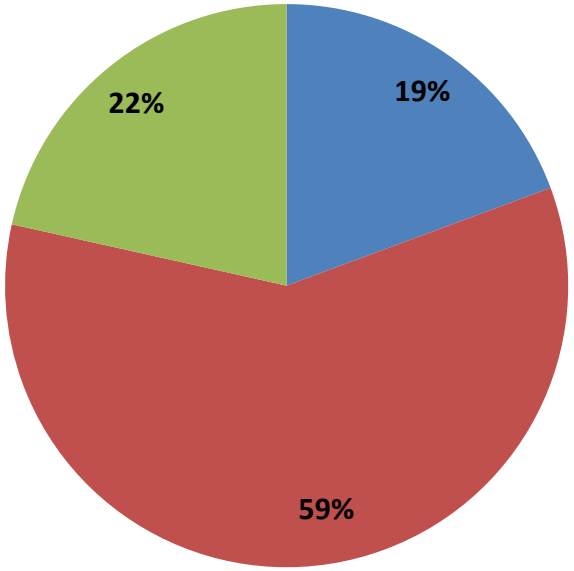
MOBILITY : DURATION 2001-2021

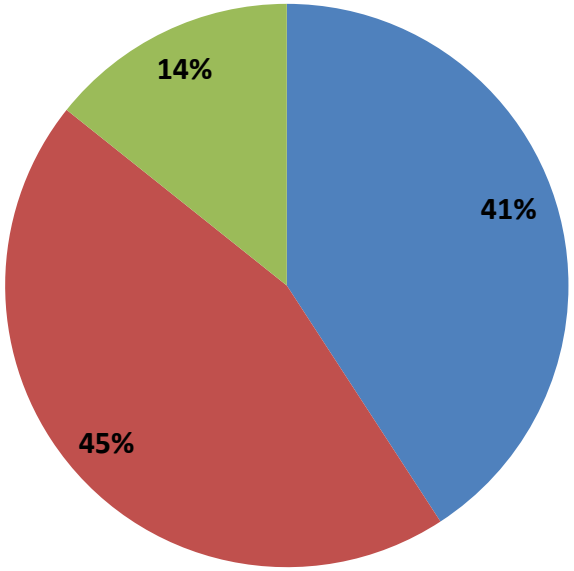
FRENCH AND CANADIAN SURVEYS

French survey



Data from 93 responses

Canadian survey



Data from 98 responses

< 15 days

between 15 days and 3 months

> 3 months

French survey : Data from 170 outgoing mobilities and 160 incoming mobilities

Canadian survey : Data from 177 outgoing mobilities and 169 incoming mobilities

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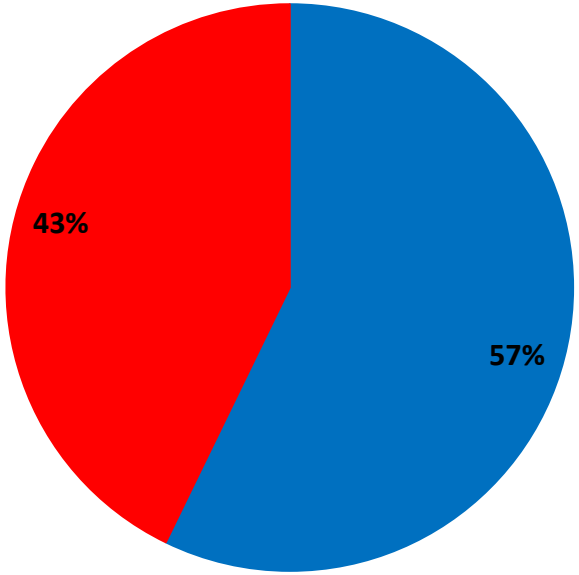
MOBILITY : GENDER DISTRIBUTION 2001-2021

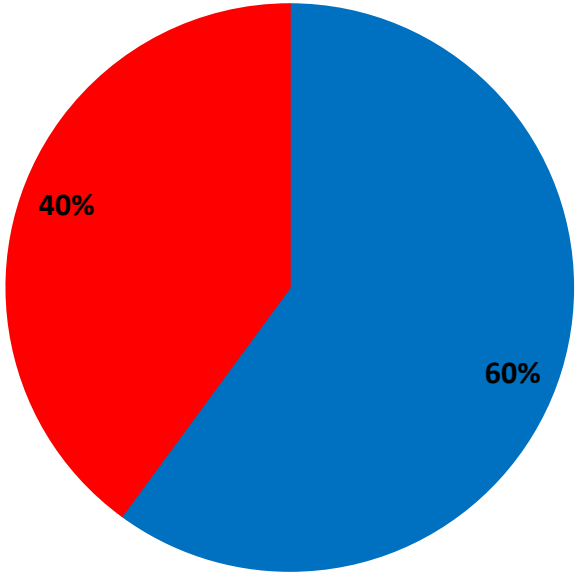
FRENCH AND CANADIAN SURVEYS

French survey



Data from 93 responses

Canadian survey



Data from 86 responses

Men Women

French survey : Data from 170 outgoing mobilities and 160 incoming mobilities
Canadian survey : Data from 177 outgoing mobilities and 169 incoming mobilities

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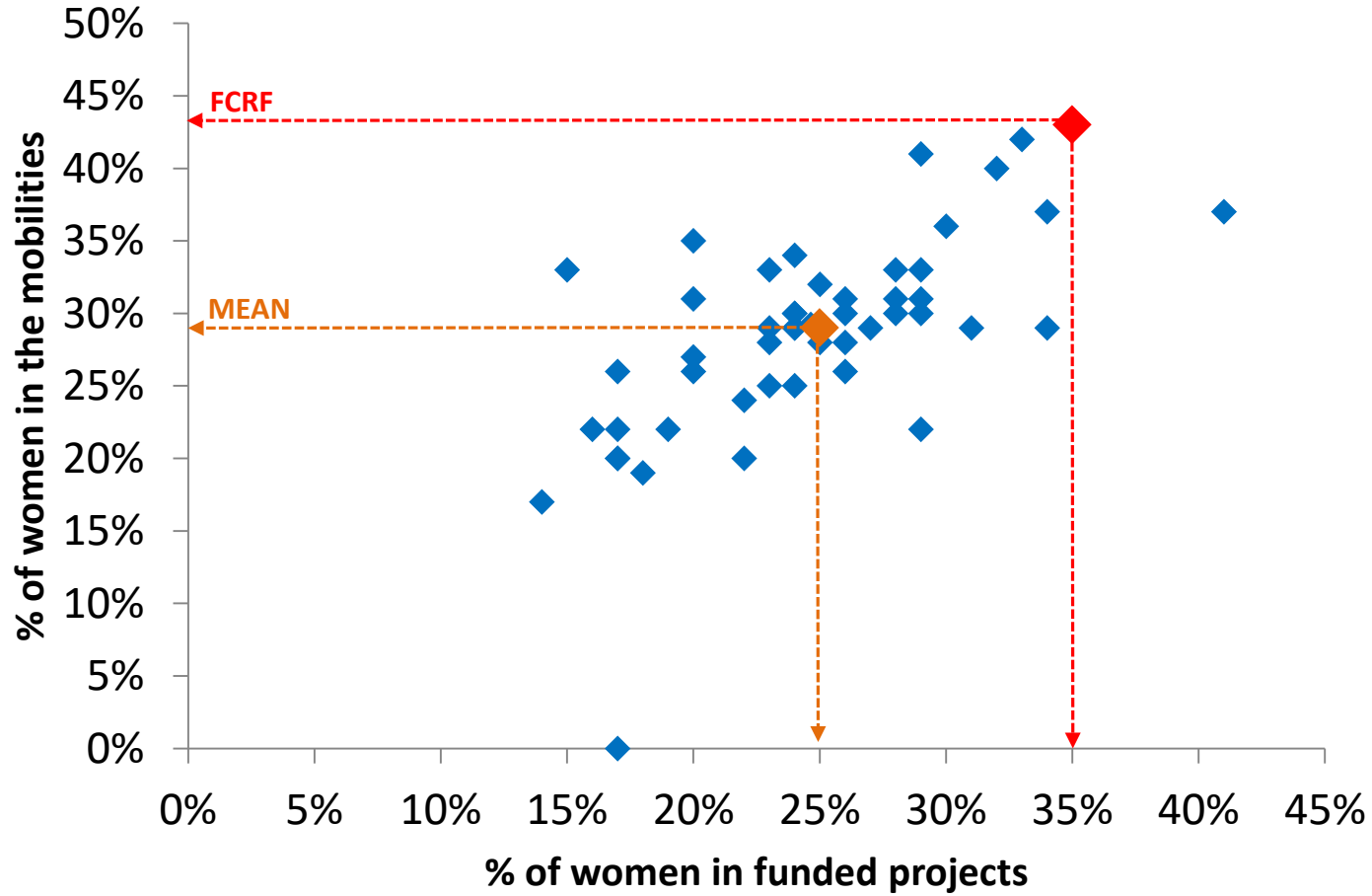
WOMEN MOBILITY

DATA FROM FRENCH SURVEY

(COMPARISON BETWEEN 51 DIFFERENT BILATERAL PROGRAMS)



% of women PIs in the funded projects : 35% vs 25% mean

% of women PIs in outgoing mobilities : 43% vs 29% mean

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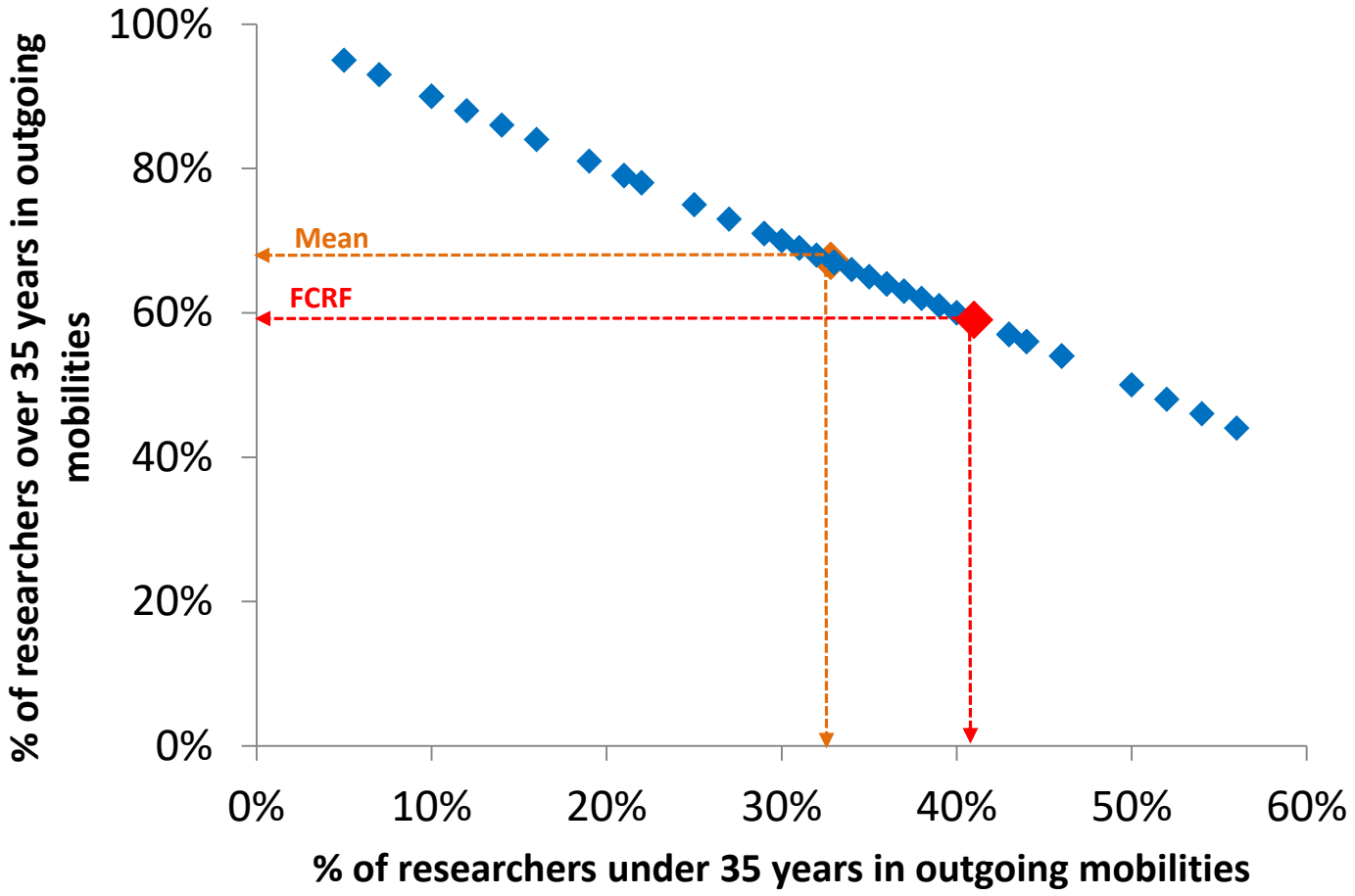
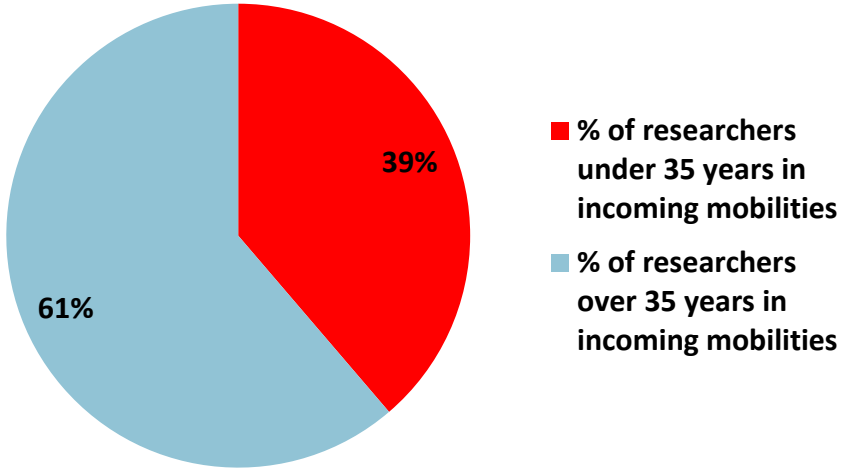
YOUNG RESEARCHERS MOBILITY

(DATA FROM FRENCH SURVEY)

France → Canada



Canada → France



Data from 96 responses

% of young french researchers in outgoing mobilities : 41% vs 33% mean
% of young canadian researchers in incoming mobilities : 39% (mean non available)

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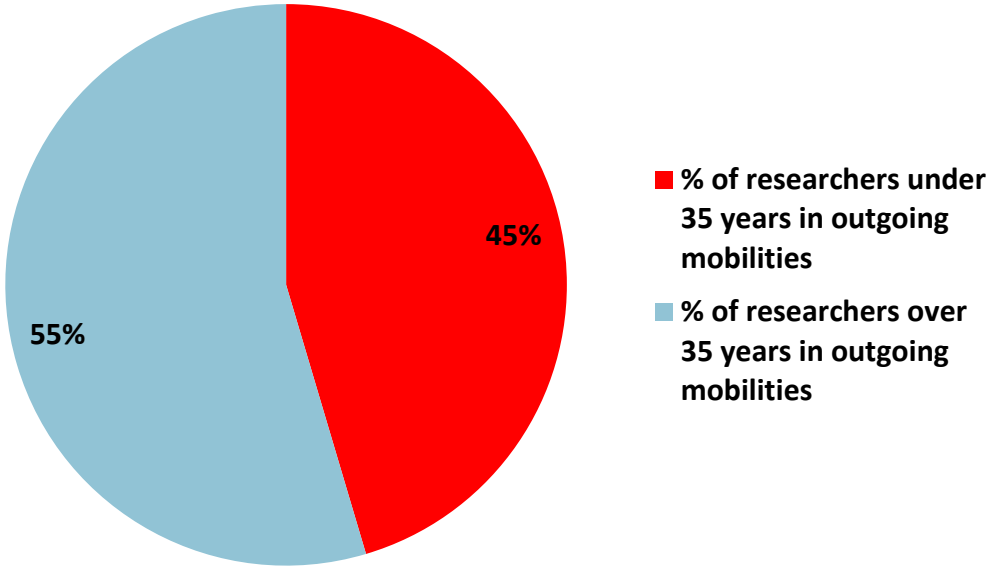
YOUNG RESEARCHERS MOBILITY

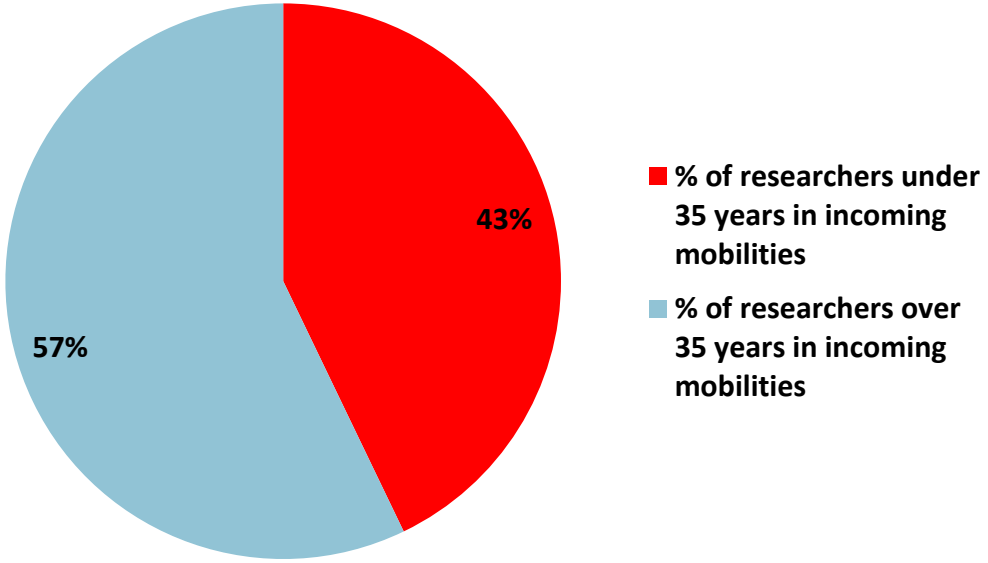
(DATA FROM CANADIAN SURVEY)

Canada → France



Data from 99 responses

France → Canada



Data from 96 responses

% of young canadian researchers in outgoing mobilities : 45% (mean non available)
% of young french researchers in incoming mobilities : 43% vs 33% mean

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SCIENTIFIC PRODUCTION (2001-2021)

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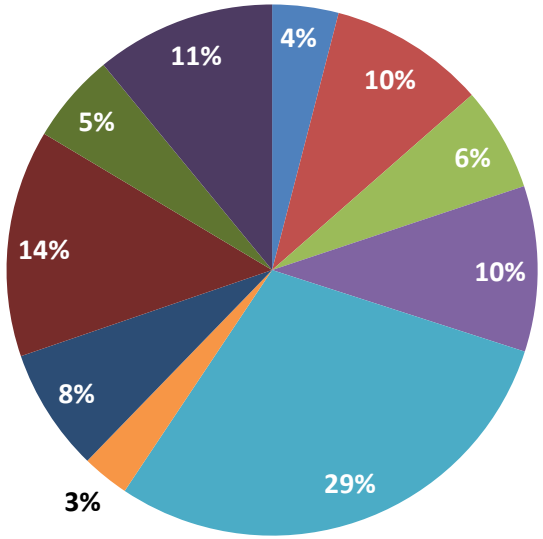
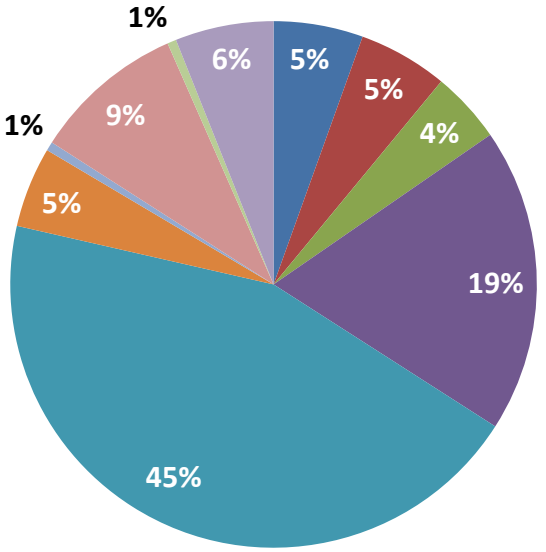
SCIENTIFIC OUTPUT 2001-2021 (1/2)

FRENCH SURVEY

Funded projects 2001-2021 (347)



Percentage of coproductions (103 respondents)



Data from 182 scientific coproductions

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

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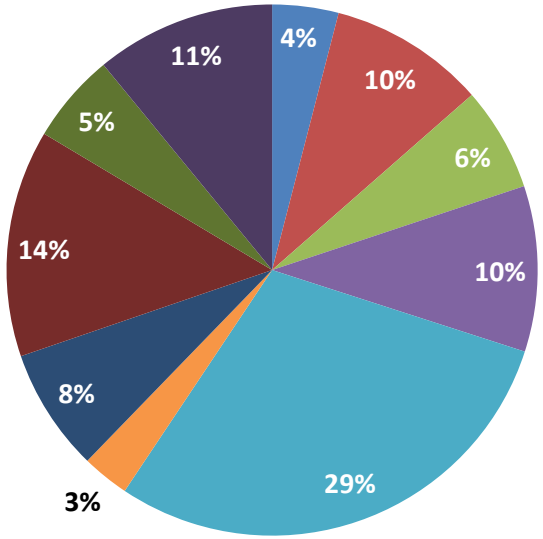
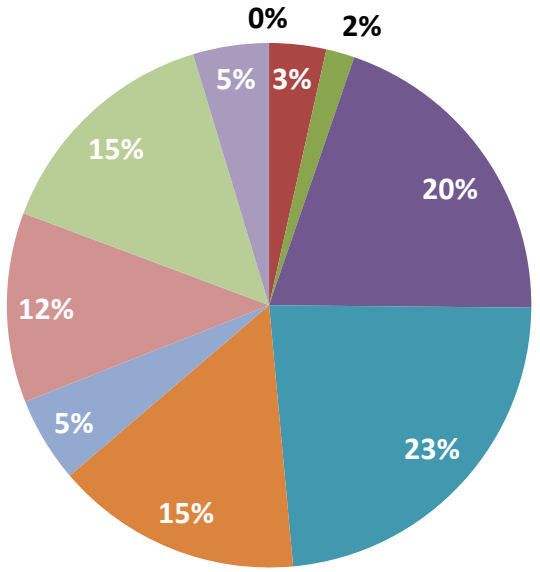
SCIENTIFIC OUTPUT 2001-2021 (1/2)

CANADIAN SURVEY

Funded projects 2001-2021 (347)



Percentage of coproductions (106 respondents)



Data from 182 scientific coproductions

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

SCIENTIFIC OUTPUT 2001-2021 (2/2)

FRENCH SURVEY

	Number of financed projects in the survey	Average annual number of scientific co-productions per project
Mathematics	7	0,71
Physics	9	0,56
Marine/Earth/Planet Sciences	4	1,00
Chemistry	13	1,31
Biology and Health	37	1,09
Humanities	6	0,75
Social Sciences	2	0,25
Engineering Sciences	14	0,61
Information Technology	1	0,50
Agronomy / Ecology	7	0,79
TOTAL	100	

Overall average annual number of scientific coproductions per project : 0,91 vs 0,96 mean

63% of funded projects led to one scientific coproduction at least
42% of coproductions include at least 1 French PhD or PostDoc and 21% 1 Canadian PhD or PostDoc
The average annual rate of publication for French young researchers involved in the projects is 0,40 and 0,48 for Canadian young researchers
Each young French researcher involved in the publications has published 0,83 publication per year
Each young Canadian researcher involved in the publications has published 1,63 publication per year

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SCIENTIFIC OUTPUT 2001-2021 (2/2)

CANADIAN SURVEY

	Number of financed projects in the survey	Average annual number of scientific co-productions per project
Mathematics	3	0,00
Physics	8	0,38
Marine/Earth/Planet Sciences	6	0,25
Chemistry	12	1,42
Biology and Health	34	0,59
Humanities	8	1,63
Social Sciences	8	0,56
Engineering Sciences	14	0,71
Information Technology	7	1,79
Agronomy / Ecology	5	0,80
TOTAL	**105**	

Overall average annual number of scientific coproductions per project : 0,81 vs 0,96 mean

53% of funded projects led to one scientific coproduction at least
36% of coproductions include at least 1 Canadian PhD or PostDoc
The average annual rate of publication for Canadian young researchers involved in the projects is 0,25
Each young Canadian researcher involved in the publications has published 0,78 publication per year

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WHAT HAPPENS AFTER A FCRF PROJECT ?

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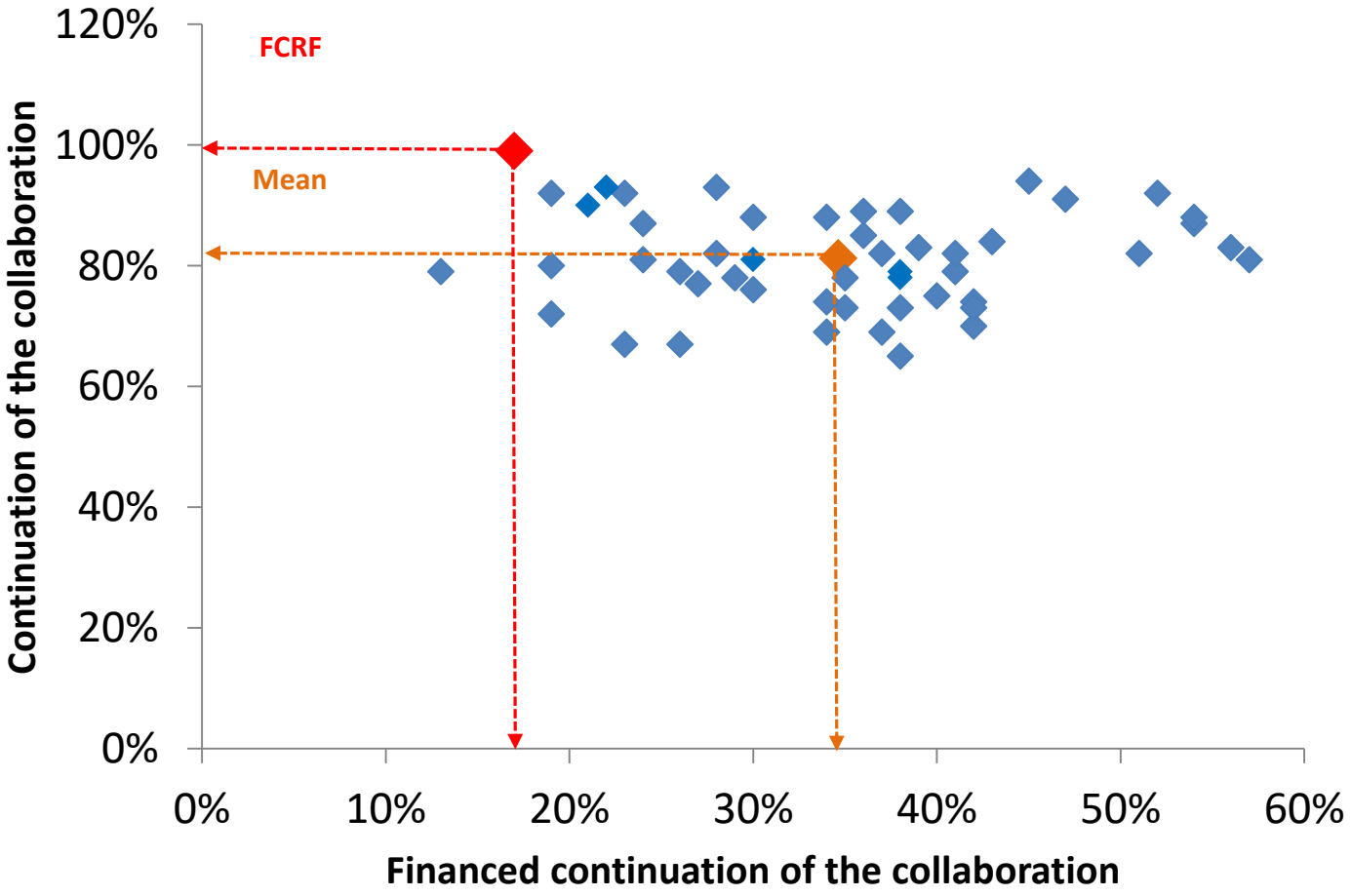
CONTINUATION OF THE COOPERATION 2001-2021 (1/7)

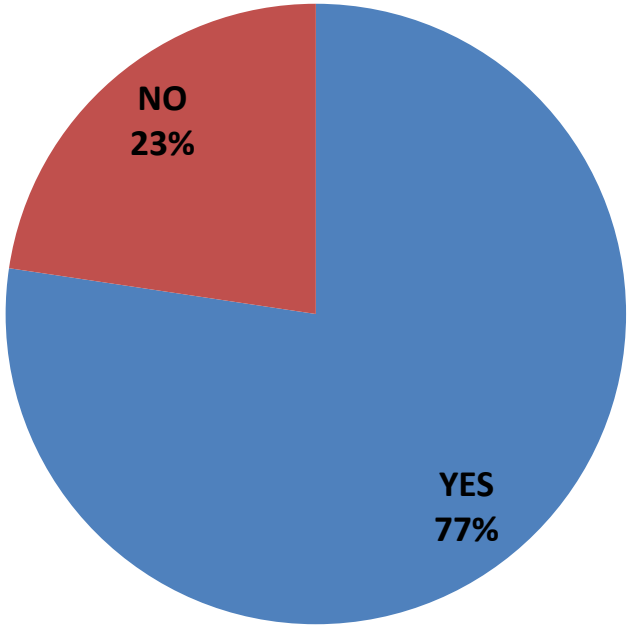
FRENCH AND CANADIAN SURVEYS (103 AND 106 RESPONSES)

French Survey

(Comparison between 51 different bilateral programs)



Canadian Survey



Data from 106 responses

Continuation of the cooperation 2001-2021 : 99% vs 81% mean
Financed continuation of the cooperation 2001-2021 : 17% vs 35% mean

Continuation of the cooperation 2001-2022 : 77%

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CONTINUATION OF THE COOPERATION 2001-2021 (2/7)

FRENCH AND CANADIAN SURVEYS (84 AND 80 RESPONSES)

Respectively 99% and 77% of the cooperations continued after the FCRF project

Which activities?	FR	CN
Cooperative research	78%	80%
Scientific co-productions	47%	51%
Researchers mobilities	39%	54%
Joint participation to conferences	25%	28%
PhD mobilities	17%	35%
Co-organisation of scientific events	11%	22%
Joint supervision or co-supervision of PhD	11%	13%
Joint diplomas (Master, PhD…)	3%	4%
Other	3%	5%

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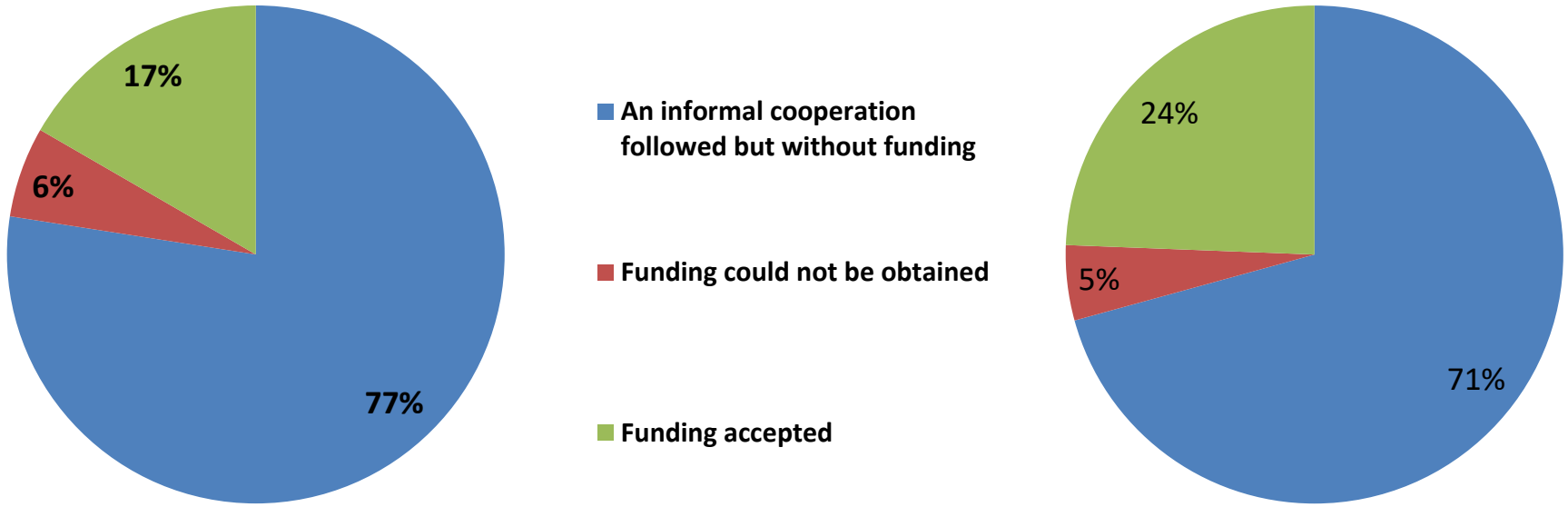
CONTINUATION OF THE COOPERATION 2001-2021 (3/7)

FRENCH AND CANADIAN SURVEYS (102 AND 82 RESPONSES)

Respectively 17% and 24% of cooperations have been funded following the project



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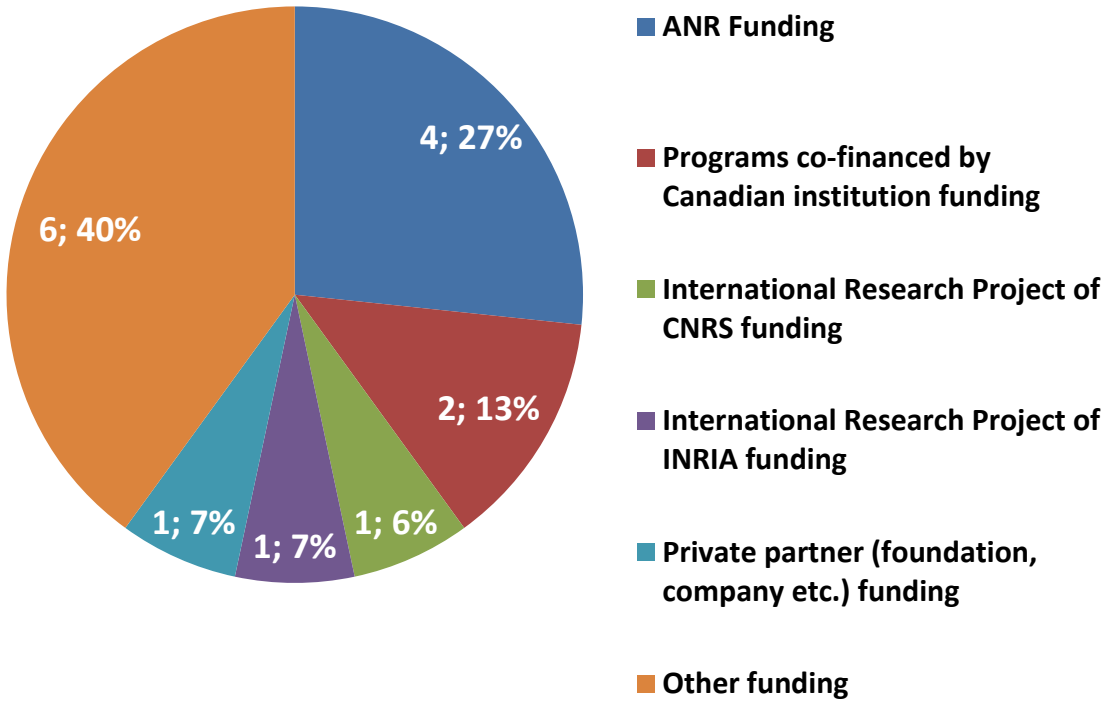
CONTINUATION OF THE COOPERATION 2001-2021 (4/7)

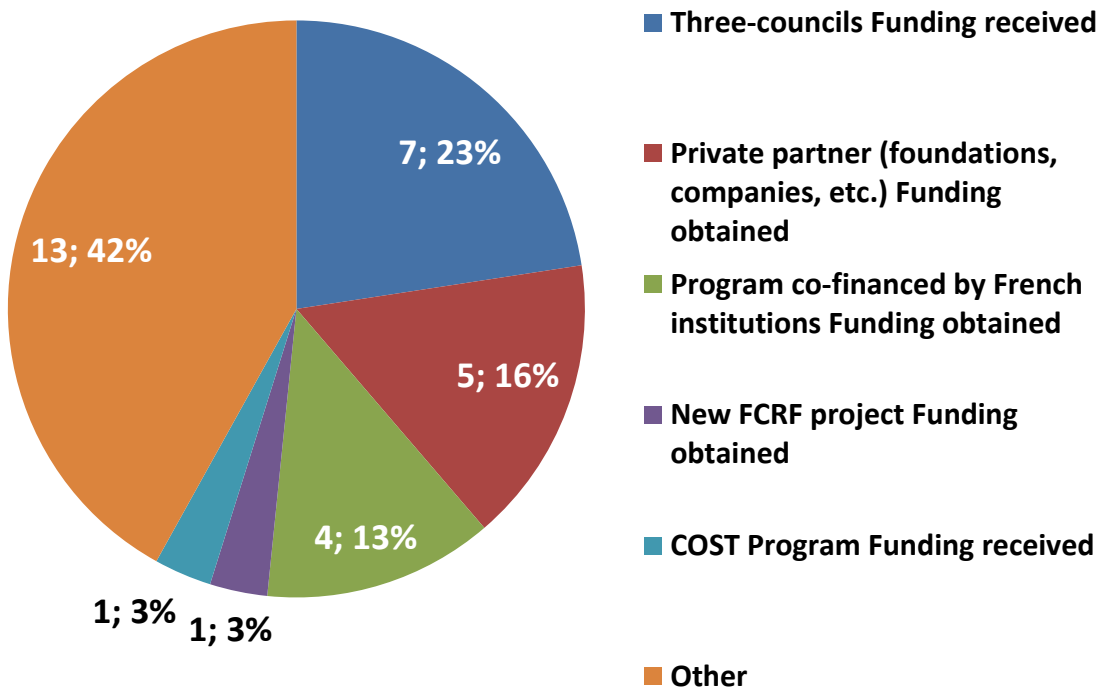
FRENCH AND CANADIAN SURVEYS (24 AND 29 RESPONSES)

What kind of funded collaborations after the FCRF project ?

French Survey



Canadian Survey



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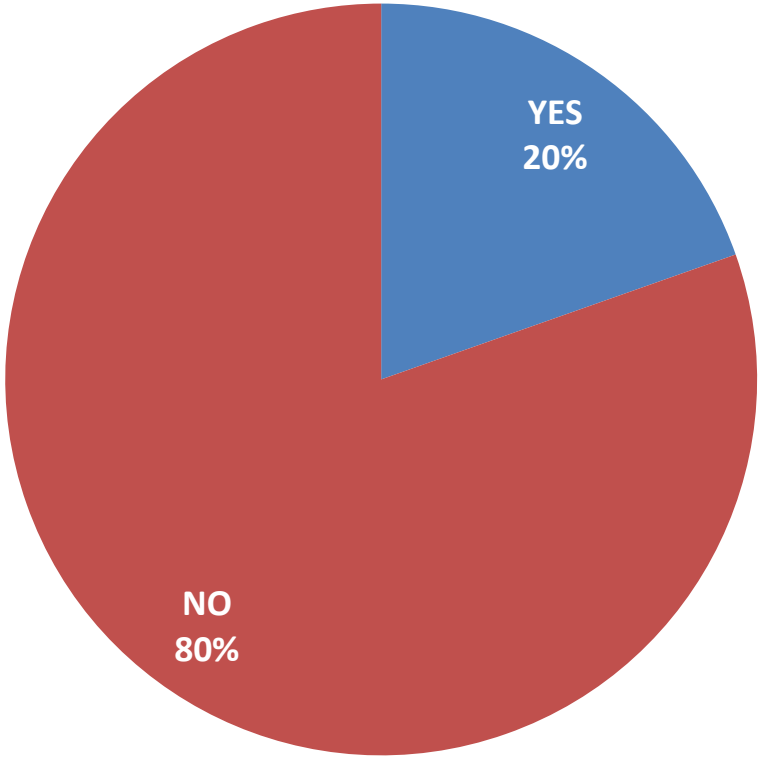
CONTINUATION OF THE COOPERATION 2001-2021 (5/7)

FRENCH AND CANADIAN SURVEYS (102 AND 82 RESPONSES)

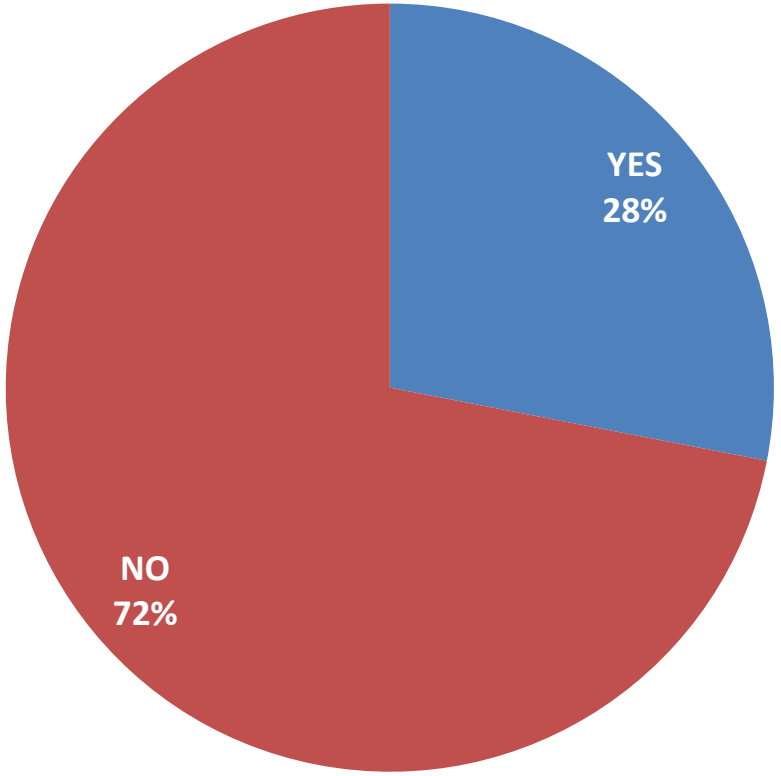
Has the ongoing cooperation involved new partners?

French Survey



For a total of 26 new partners from 12 different countries

Canadian Survey



For a total of 38 new partners from 15 different countries

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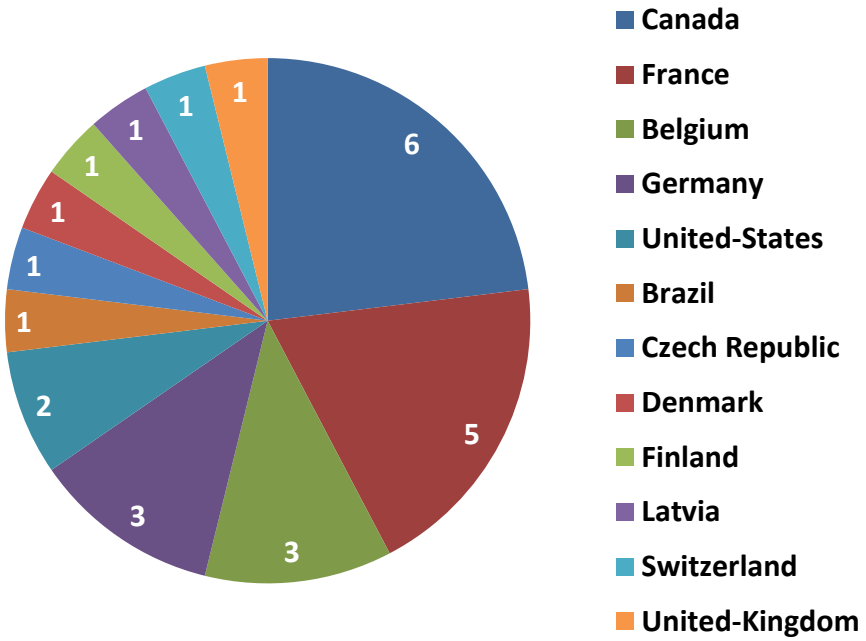
CONTINUATION OF THE COOPERATION 2001-2021 (6/7)

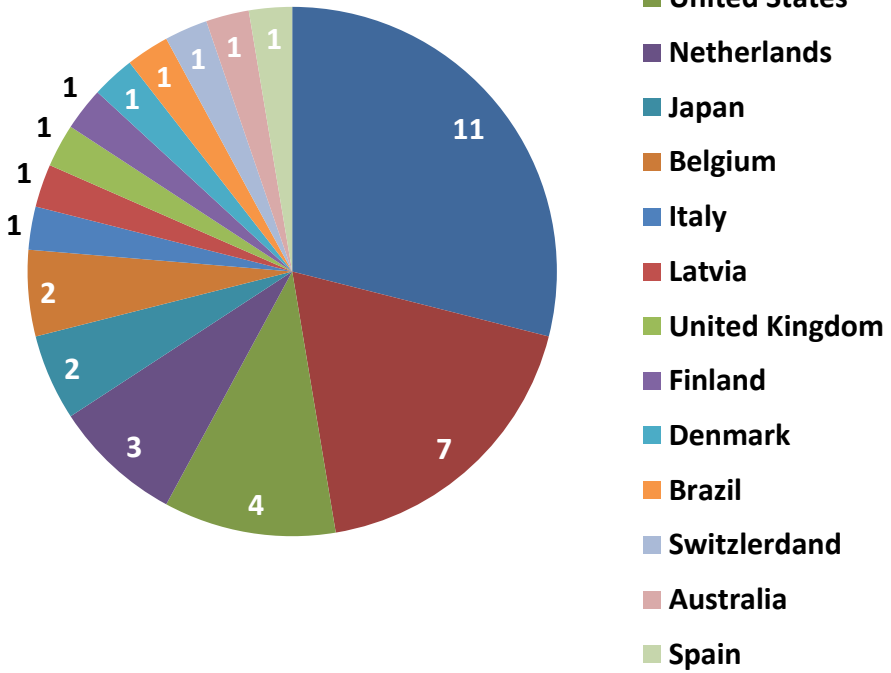
FRENCH AND CANADIAN SURVEYS (19 AND 22 RESPONSES)

If the ongoing cooperation involves new partners, list with which countries

French Survey



Canadian Survey



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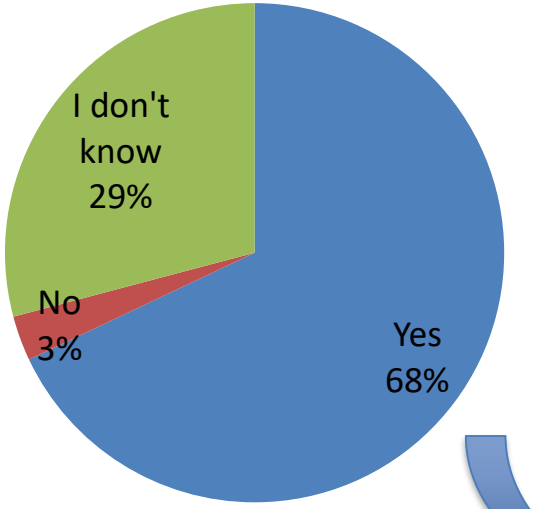
IMPACT ON YOUNG RESEARCHERS' CAREER (2001-2021) (1/2)

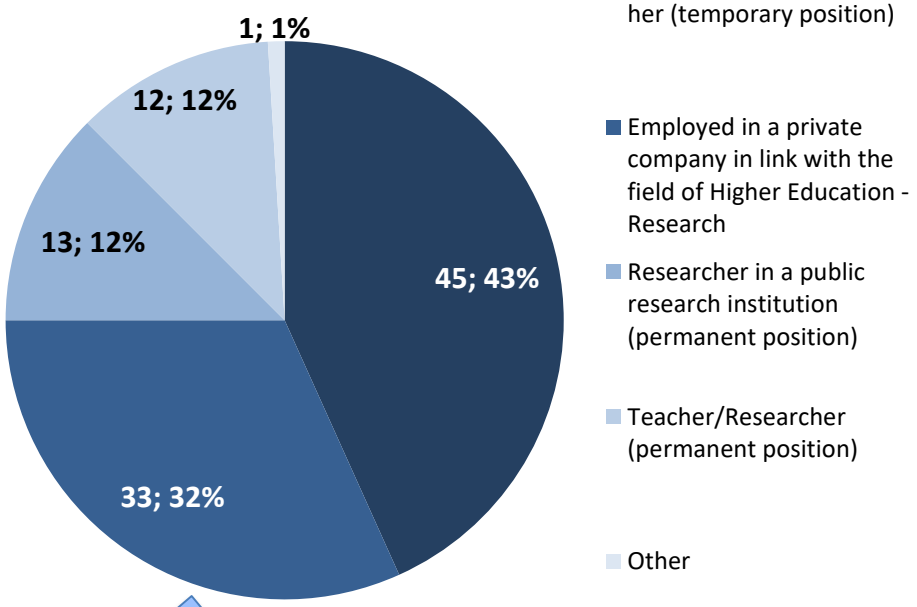
FRENCH SURVEY

Was young researchers' career impacted by the FCRF program ?



Data from 103 responses

Type of impacts



Data from 70 responses
for a total of 104 young researchers

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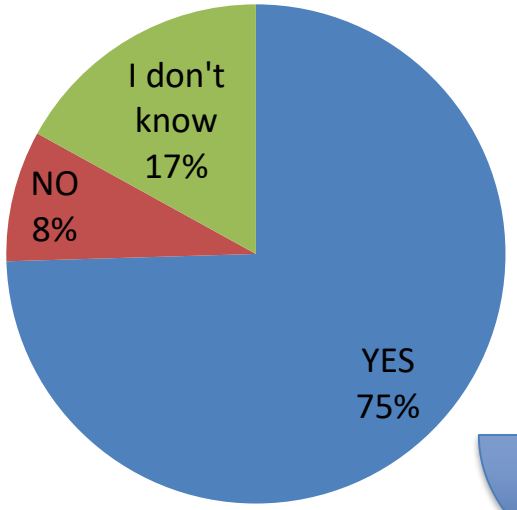
IMPACT ON YOUNG RESEARCHERS' CAREER (2001-2021) (1/2)

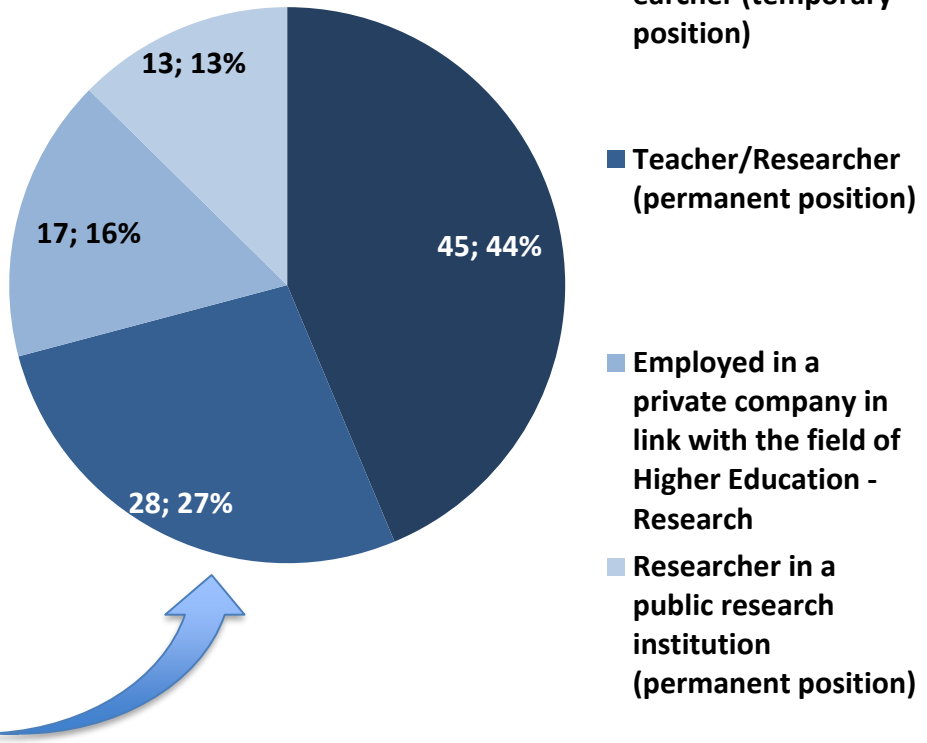
CANADIAN SURVEY

Was young researchers' career impacted by the FCRF program ?



Data from 106 responses

Type of impacts



Data from 69 responses
for a total of 103 young researchers

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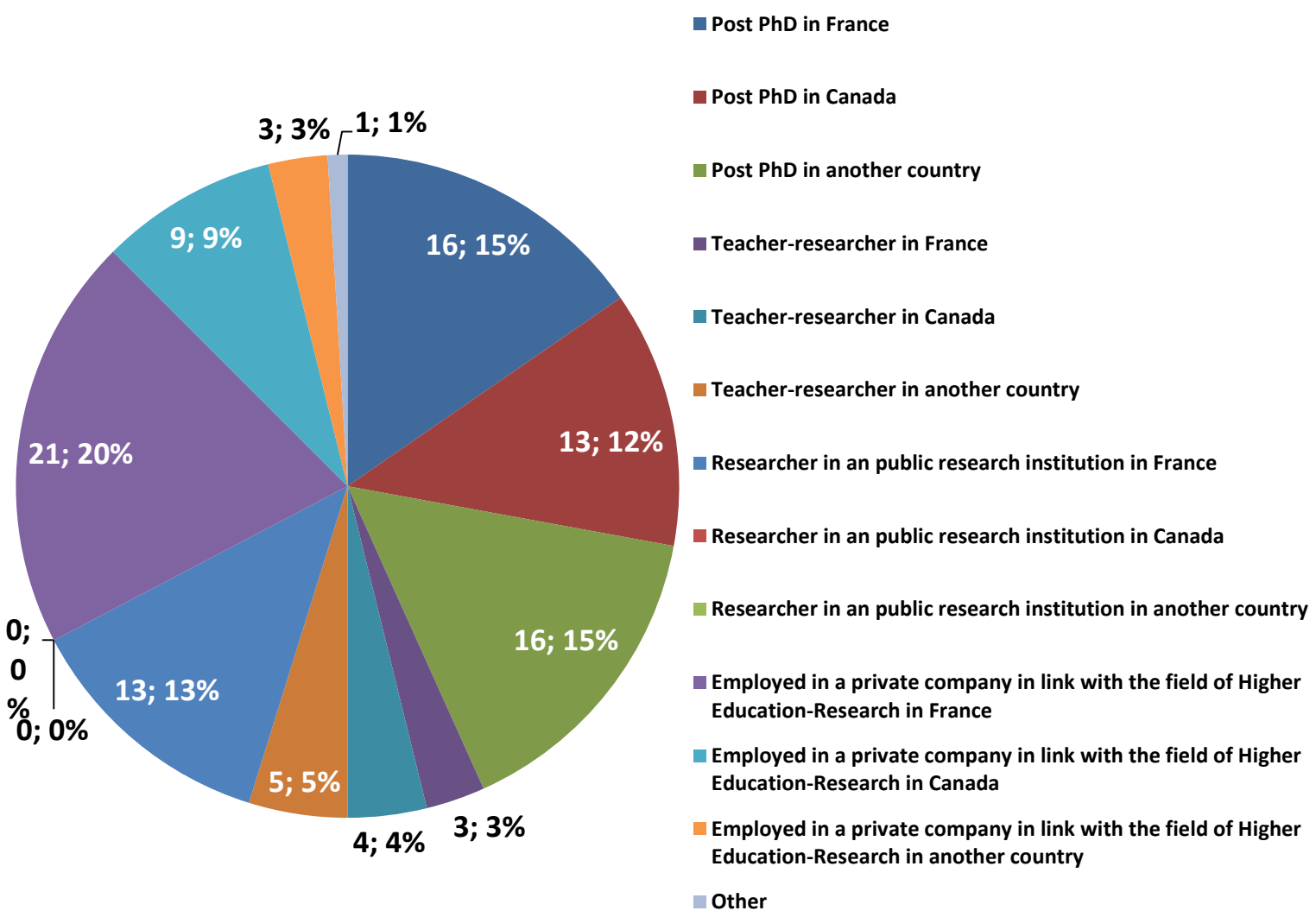
IMPACT ON YOUNG RESEARCHERS' CAREER (2001-2021) (2/2)

FRENCH SURVEY



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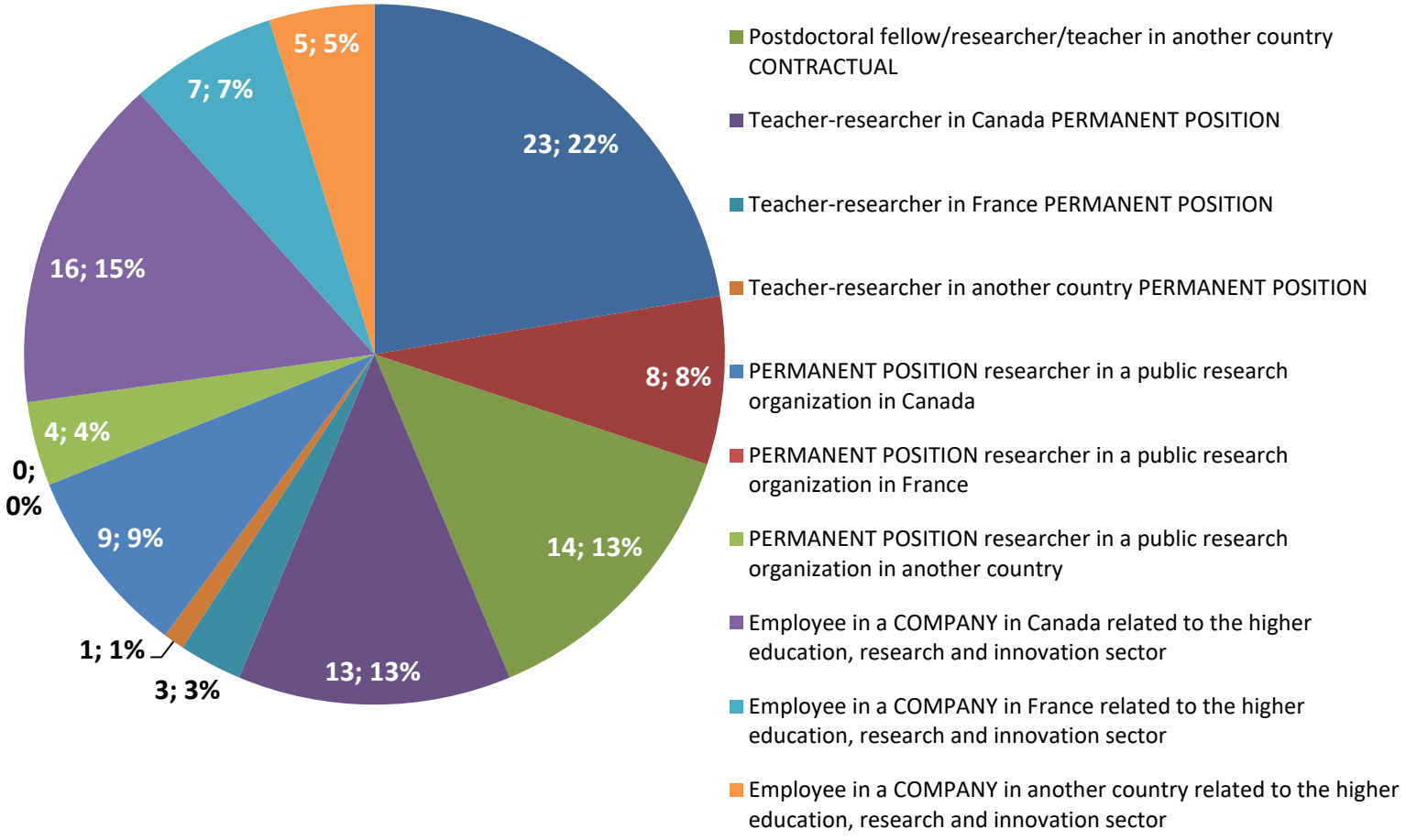
IMPACT ON YOUNG RESEARCHERS' CAREER (2001-2021) (2/2)

CANADIAN SURVEY



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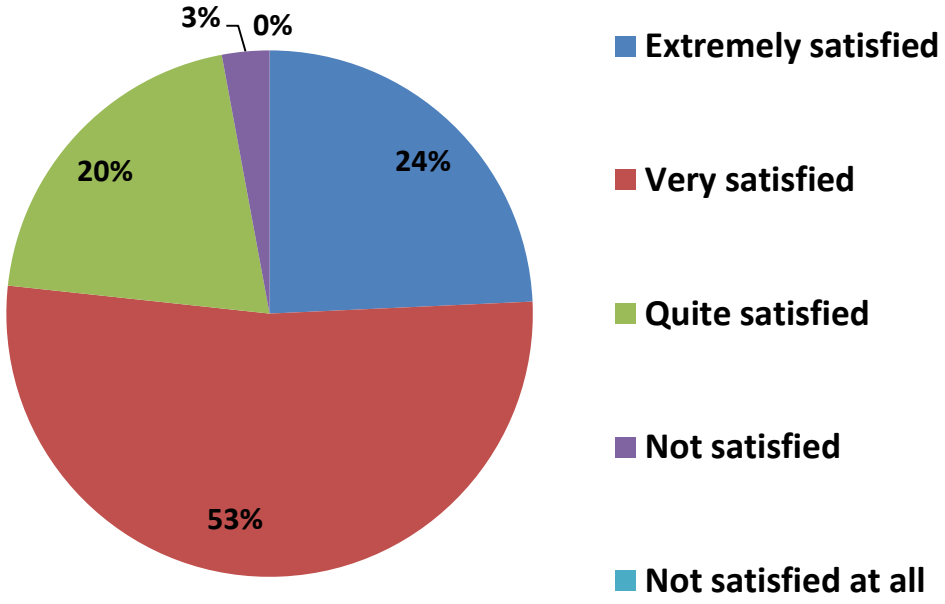
GENERAL OPINION OF PIS ON THE PROGRAM 2001-2021

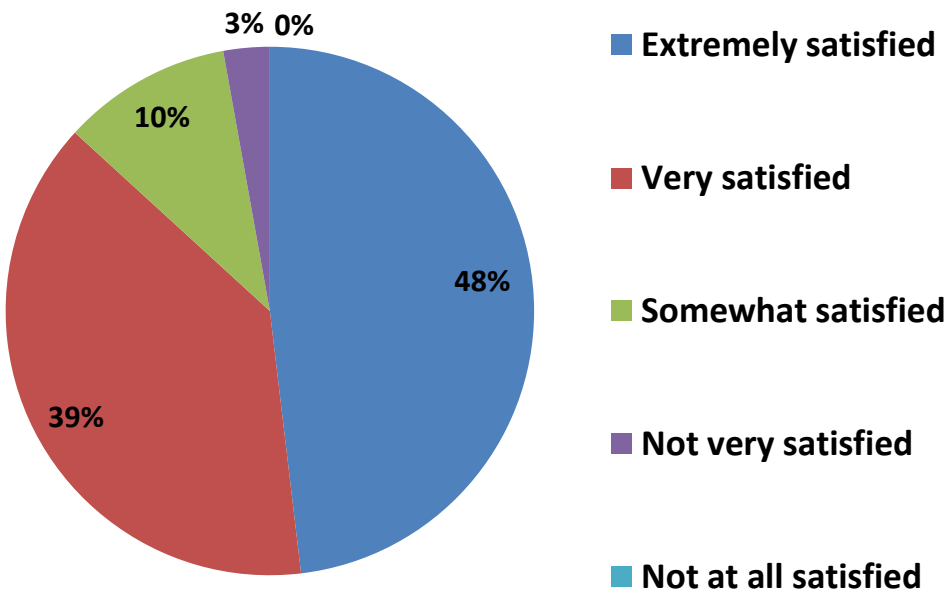
Respectively 97% and 97% of principal investigators are satisfied

French Survey



Data from 103 responses

Canadian Survey



Data from 106 responses

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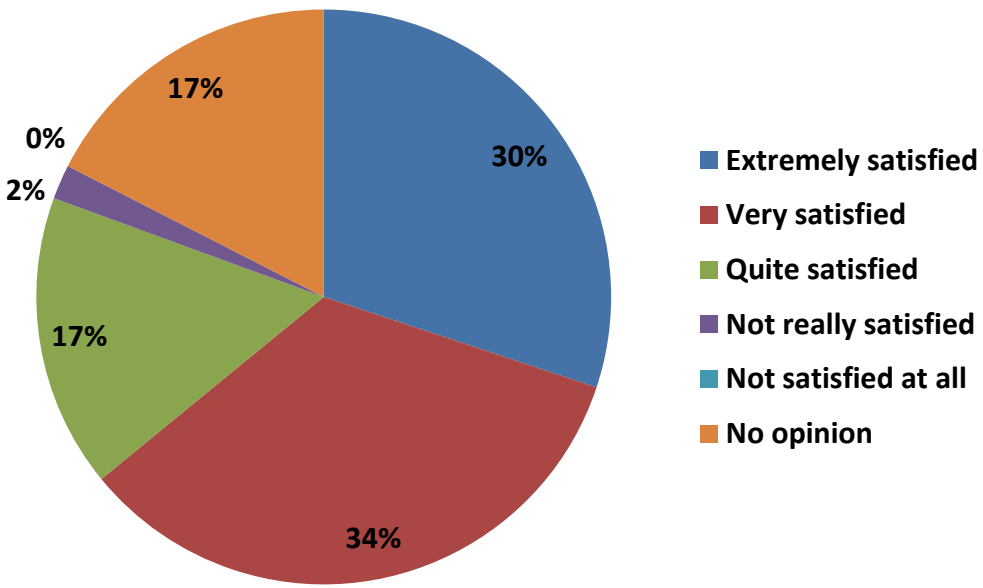
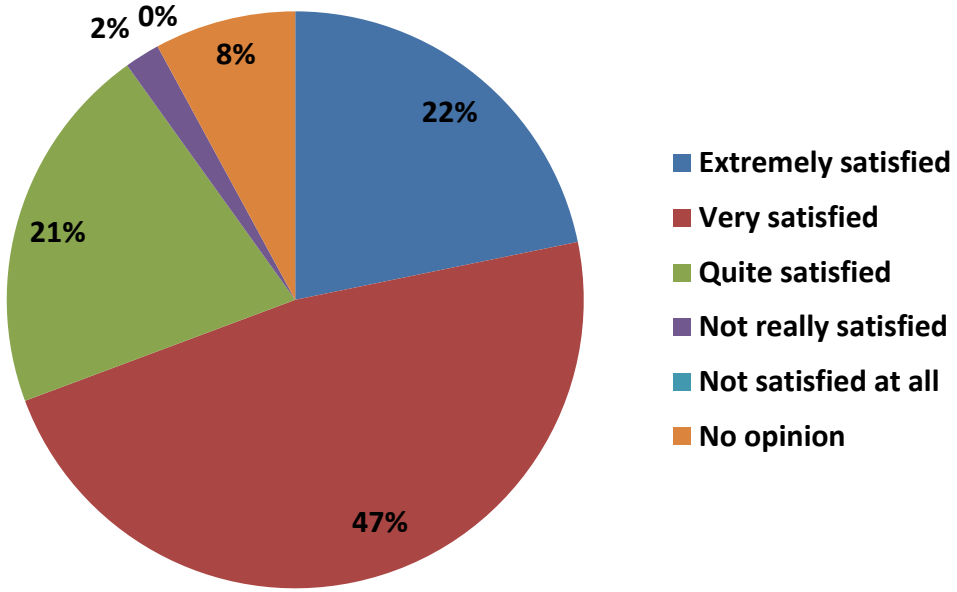
OPINION OF FRENCH PIS 2001-2021

FRENCH EMBASSY HELP



Data from 103 responses

ADMINISTRATIVE MANAGEMENT



Data from 101 responses

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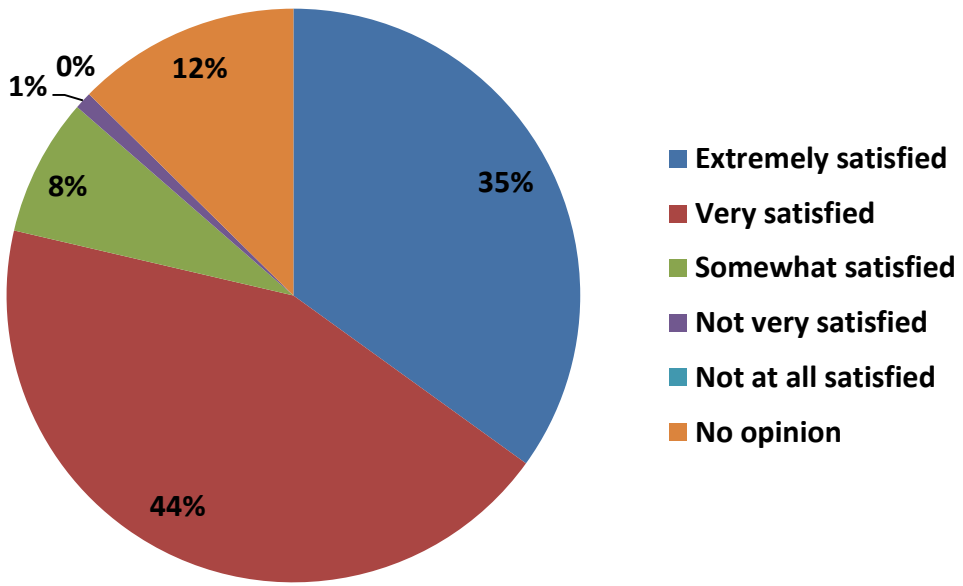
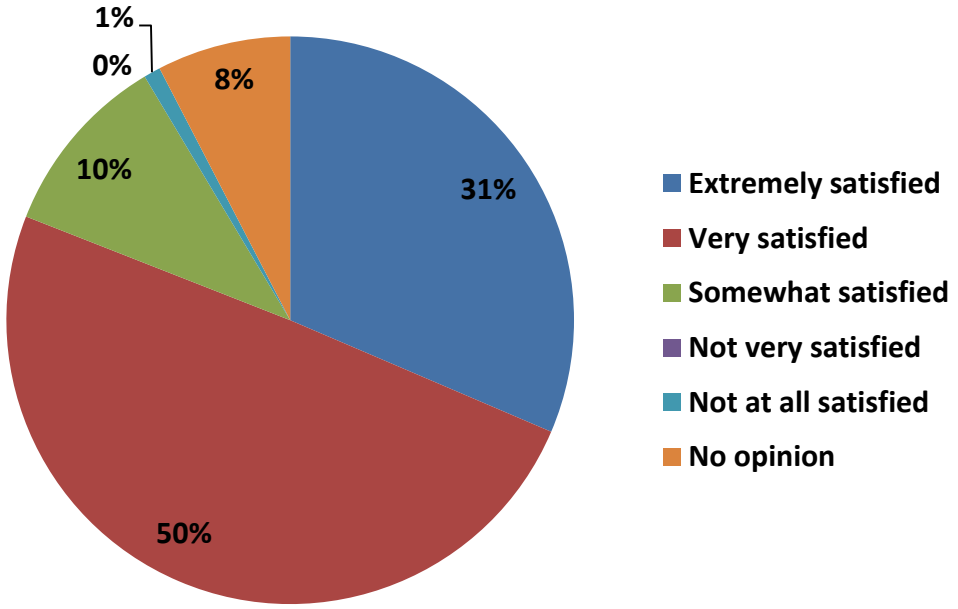
OPINION OF CANADIAN PIS 2001-2021

FRENCH EMBASSY SCIENTIFIC SERVICE
UNIVERSITY OF OTTAWA



Data from 103 responses

ADMINISTRATIVE MANAGEMENT



Data from 105 responses

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GENERAL OPINION OF PIS ON THE PROGRAM 2001-2021
POSITIVE COMMENTS

Strengths of this program	FR Number of occurencies (out of 329)	FR % of funded projects	CN Number of occurencies (out of 750)	CN % of funded projects
Promotes researcher mobility	48	87%	93	91%
Promotes international scientific collaboration	43	78%	89	87%
Promotes exchanges that lead to scientific production	33	60%	64	63%
Simple project submission process	30	55%	85	83%
Promotes the training of young researchers	28	51%	79	77%
Promotes knowledge of the partner country	28	51%	32	31%
Financial autonomy vis-à-vis your institution	19	35%	25	25%
Easy to implement (administrative flexibility)	17	31%	49	48%
Sufficient financial resources for mobility expenses	16	29%	31	30%
Good added scientific value relative to financial investment	14	25%	37	36%
Serves as a seed for raising other funds	14	25%	45	44%
Mobility duration adapted to needs	12	22%	35	34%
Project duration sufficiently long	9	16%	27	26%
Flexibility of the program for actions co-financed with the partner	7	13%	21	21%
Implementation schedule	7	13%	13	13%
Transparent project selection procedures	4	7%	25	25%
Other	0	0%	0	0%
Total number of occurencies	**329**		**750**	

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GENERAL OPINION OF PIS ON THE PROGRAM 2001-2021
NEGATIVE COMMENTS

Weaknesses of this program	FR Number of occurencies (out of 172)	FR % of funded projects	BU Number of occurencies (out of 223)	BU % of funded projects
No funding for equipment and operating expenses	48	47%	48	46%
Project duration too short	36	35%	36	35%
Insufficient financial resources for mobility expenses (flights)	26	25%	24	23%
Insufficient financial resources for mobility expenses (per diem)	24	23%	12	12%
Difficult to perpetuate collaboration	22	21%	27	26%
Mobility duration too short	14	14%	19	18%
Administrative burden of managing missions	10	10%	6	6%
Financial autonomy vis-à-vis your institution	9	9%	2	2%
Lack of transparency in project selection procedures	9	9%	13	13%
Implementation schedule	6	6%	4	4%
Insufficient communication of evaluation results	5	5%	3	3%
Number of mobilities too low	4	4%	12	12%
Cumbersome project submission process	3	3%	4	4%
Flexibility of the program for actions co-financed with the partner	0	0%	4	4%
Mobility duration too long	0	0%	1	1%
Other	14	14%	8	8%
Total number of occurencies	**230**		**223**	

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PRELIMINARY CONCLUSIONS (FRENCH SURVEY)

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

- **61% of new cooperations**
- **70% of cooperations with a new canadian partner**
- **Applications come from all the french regions**
- **A reasonable percentage of young applicants (30% vs 24% general mean)**
- **Implication of women candidates and laureates better than the general mean**
- **83% of funded projects with the participation of at least one young french or canadian researcher**
- **Implication of french young researchers in the outgoing mobilities better than the mean**
- **Average annual scientific coproductions similar to the other programs (0,91 vs 0,96)**
- **Continuation of the cooperation (99%)**

- **A certain decrease in the number of applications for the most recent years**
- **Implication of french young researchers in the scientific coproductions below the general mean (48% vs 54%)**
- **37% of funded projects with no scientific coproductions**
- **Lack of funding for the continuation of the cooperation**
- **Ongoing cooperation involves new partners only in 20% of the projects**

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PRELIMINARY CONCLUSIONS (CANADIAN SURVEY)

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

- **56% of new cooperations**
- **87% of cooperations with a new french partner**
- **77% of funded projects with the participation of at least one canadian young researcher**
- **Rather good implication of canadian young researchers in the mobilities to France (43%)**

- **A certain decrease in the number of applications for the most recent years**
- **A low percentage of young applicants (16%)**
- **Average annual scientific coproductions below the mean (0,81 vs 0,96 per project)**
- **47% of funded projects with no scientific coproductions**
- **Insufficient implication of canadian young researchers in the scientific coproductions**
- **Ongoing cooperation involves new partners only in 28% of the projects**

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PRELIMINARY RECOMMANDATIONS (FRENCH SURVEY)

- **Promote young researchers participation to the scientific coproductions**
- **Enhance scientific coproductions (37% of projects with no scientific coproduction, 0.91 coproduction in average per project and per year)**
- **Associate new partners and explore new fundings**

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PRELIMINARY RECOMMANDATIONS (CANADIAN SURVEY)

- **Encourage young researchers applications (only 16% of laureates under 40 years old)**
- **Enhance scientific coproductions (47% of projects with no scientific coproduction, 0.81 coproduction in average per project and per year)**
- **Promote young researchers participation to the scientific coproductions**
- **Associate new partners and explore new fundings**

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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 and attendants to this symposium.

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ANNEX
REGIONALISATION AND SCIENTIFIC DOMAINS (CARTOGRAPHIES)

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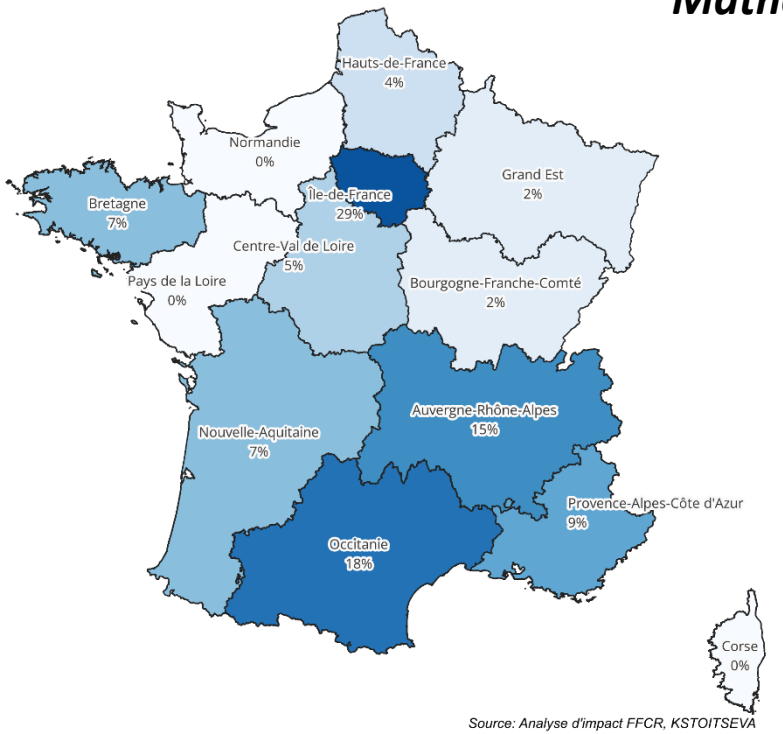
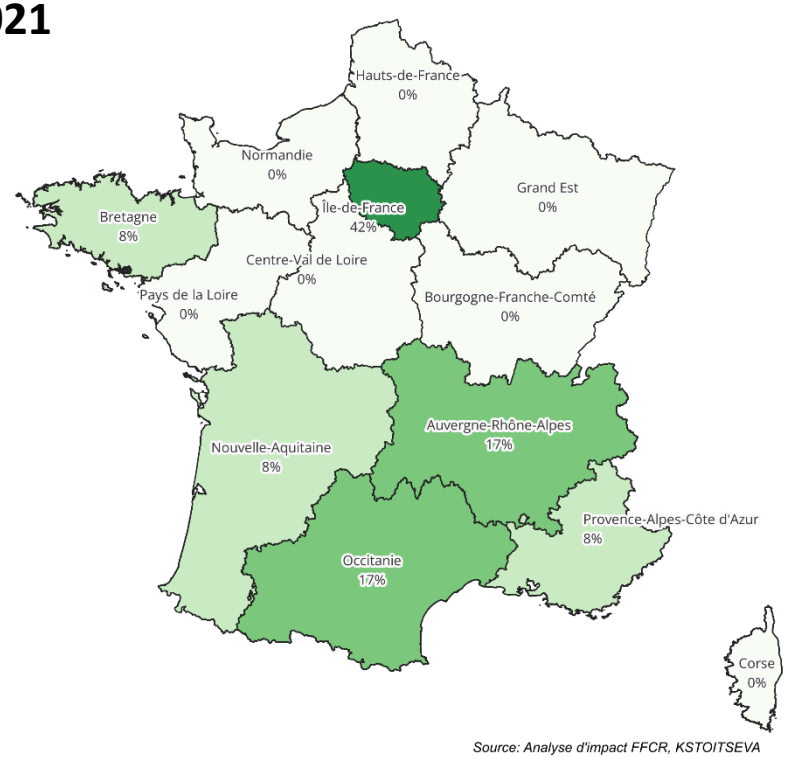
SCIENTIFIC DOMAINS : REGIONAL DISTRIBUTION MATHEMATICS 2014-2021

France CANADA RESEARCH FUND
Regional percentages of applications and selections
***Mathematics* 2014-2021**



Source: Analyse d'impact FFCR, KSTOITSEVA

% of applications
(DS1)



Source: Analyse d'impact FFCR, KSTOITSEVA

% of selections
(DS1)

Applications : Ile-de-France, Occitanie, Auvergne-Rhône-Alpes
Selections : Ile-de-France, Occitanie, Auvergne-Rhône-Alpes. No selection for 5 applying regions

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

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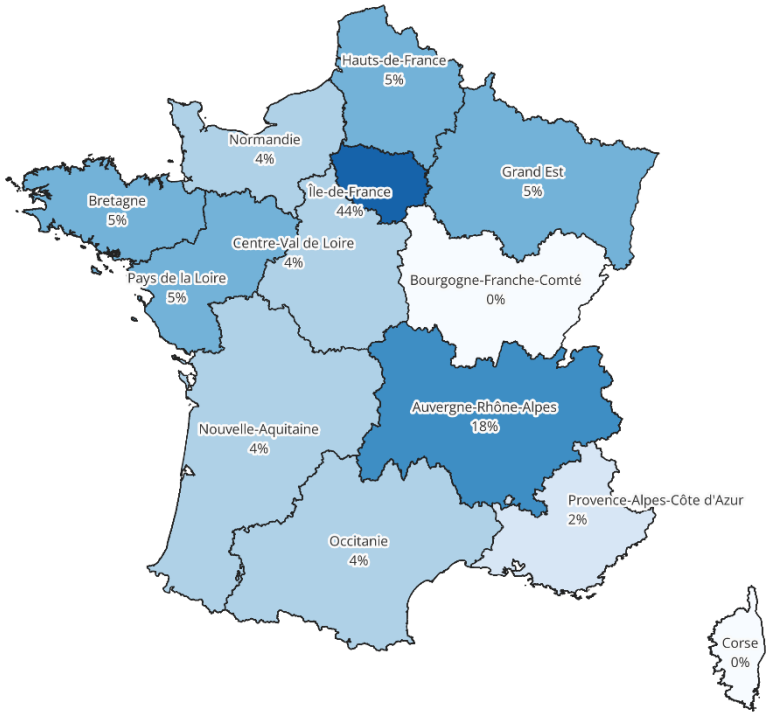
SCIENTIFIC DOMAINS : REGIONAL DISTRIBUTION
PHYSICS 2014-2021

France CANADA RESEARCH FUND
Regional percentages of applications and selections
***Physics* 2014-2021**



% of applications
(DS2)

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% of selections
(DS2)

Source: Analyse d'impact FFCR, KSTOITSEVA

Applications : distributed over 11 regions
Selections : Only Ile-de-France and Auvergne-Rhône-Alpes

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

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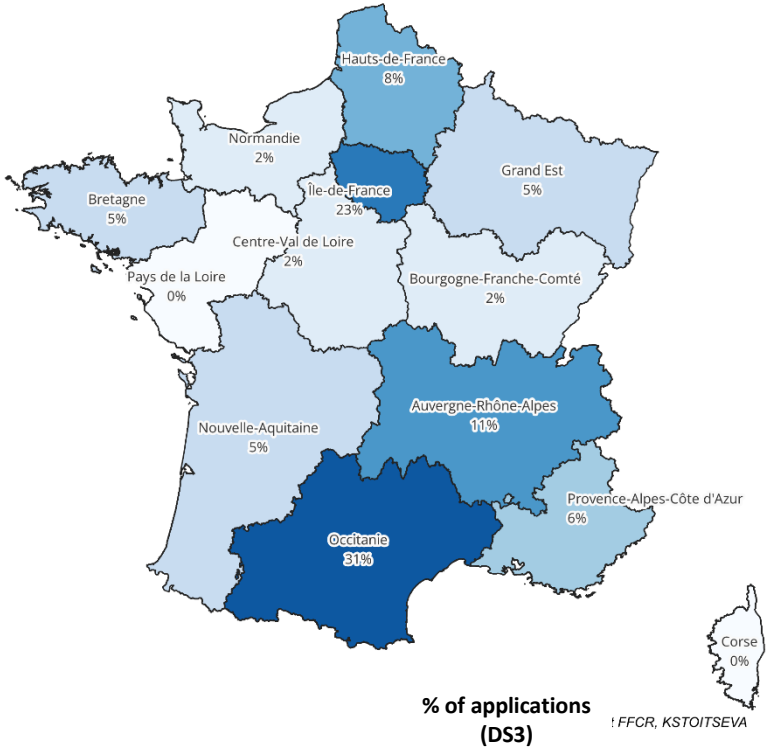
SCIENTIFIC DOMAINS : REGIONAL DISTRIBUTION
MARINE, EARTH, PLANET SCIENCES 2014-2021

France CANADA RESEARCH FUND
Regional percentages of applications and selections
***Marine, Earth, Planet Sciences* 2014-2021**



% of applications (DS3)

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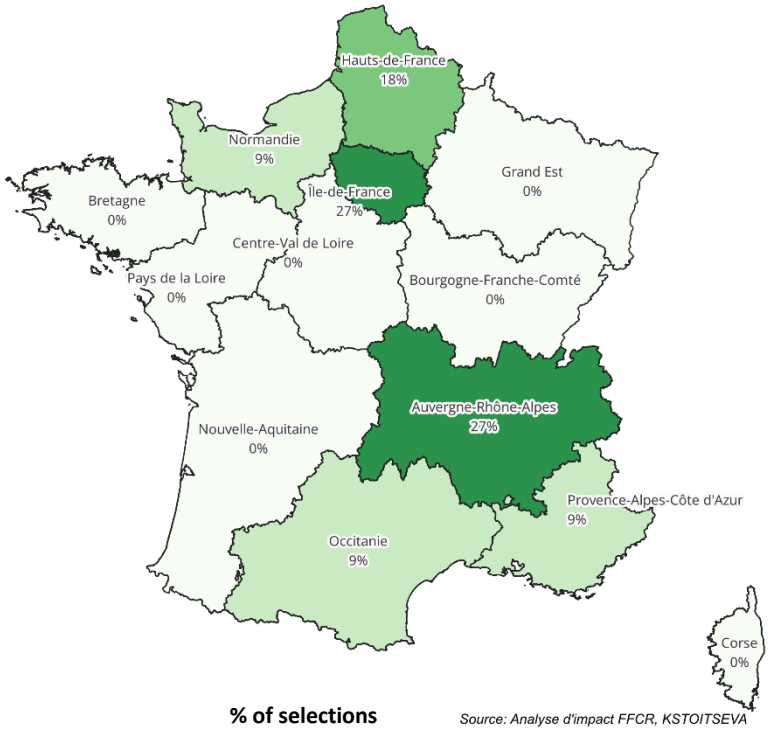

% of selections (DS3)

Source: Analyse d'impact FFCR, KSTOITSEVA

Applications : 12 different regions with Occitanie ahead
Selections : only 6 regions with Ile-de-Franceand Auvergne-Rhône-Alpes ahead

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

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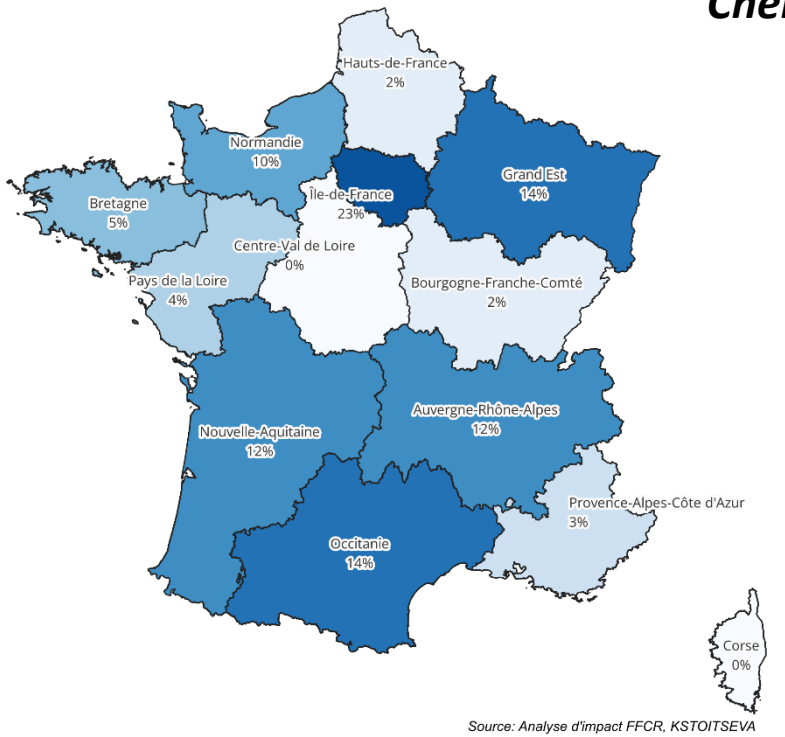
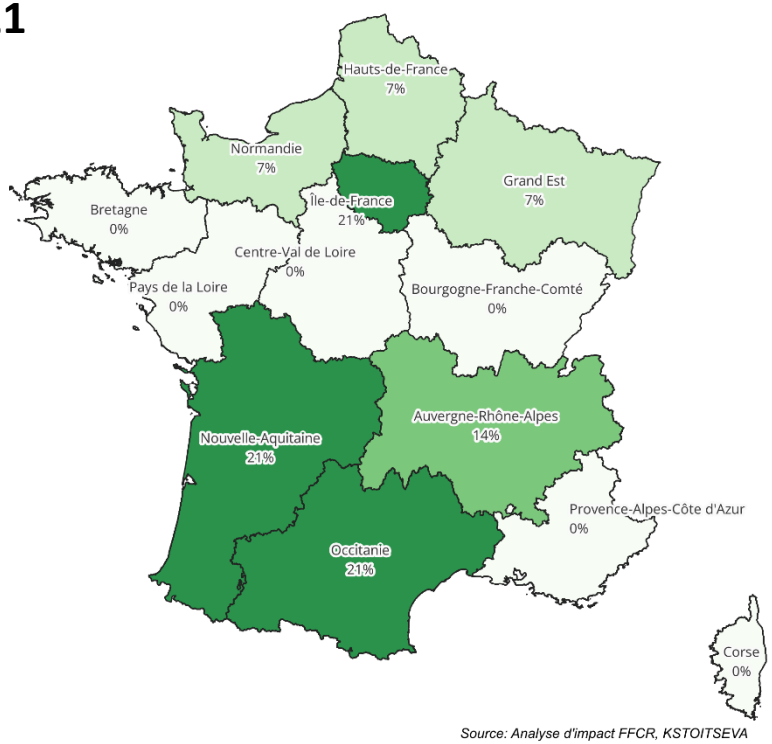
SCIENTIFIC DOMAINS : REGIONAL DISTRIBUTION CHEMISTRY 2014-2021

France CANADA RESEARCH FUND
Regional percentages of applications and selections
***Chemistry* 2014-2021**



Source: Analyse d'impact FFCR, KSTOITSEVA

% of applications
(DS4)



Source: Analyse d'impact FFCR, KSTOITSEVA

% of selections
(DS4)

Applications : 11 regions with Ile-de-France ahead
Selections : 7 regions with Ile-de-France, Occitanie and Nouvelle Aquitaine ahead

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

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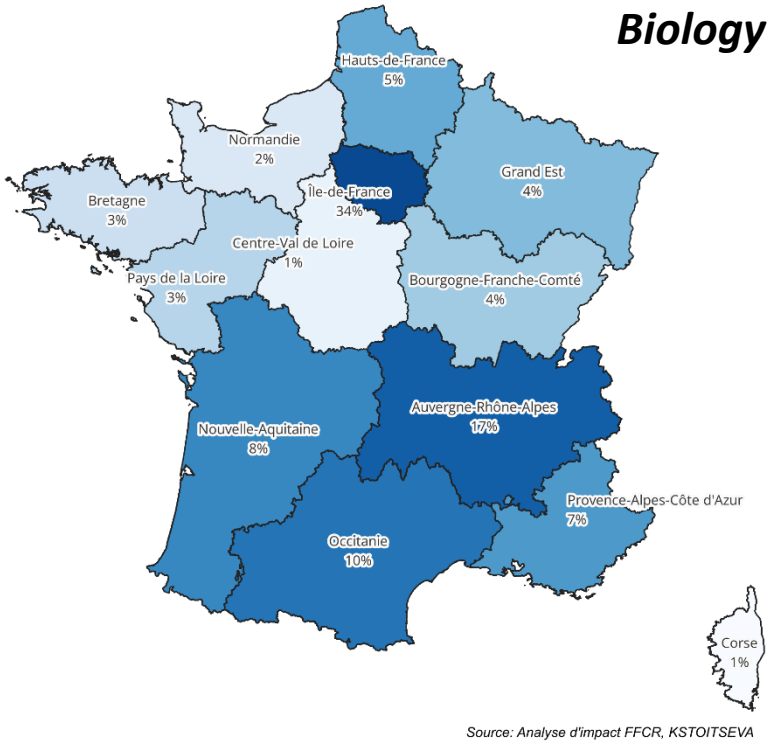
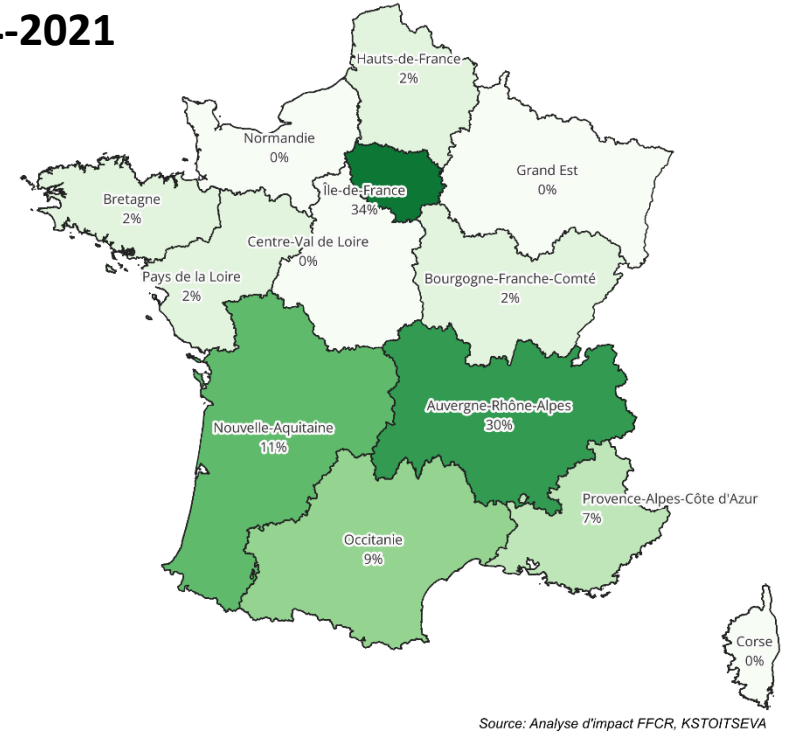
SCIENTIFIC DOMAINS : REGIONAL DISTRIBUTION
BIOLOGY AND HEALTH 2014-2021

France CANADA RESEARCH FUND
Regional percentages of applications and selections
***Biology and Health* 2014-2021**



Source: Analyse d'impact FFCR, KSTOITSEVA

% of applications (DS5)



Source: Analyse d'impact FFCR, KSTOITSEVA

% of selections (DS5)

Applications : 14 regions with Ile-de-France largely ahead
Selections : 9 regions with Ile-de-France and Auvergne-Rhône-Alpes ahead

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

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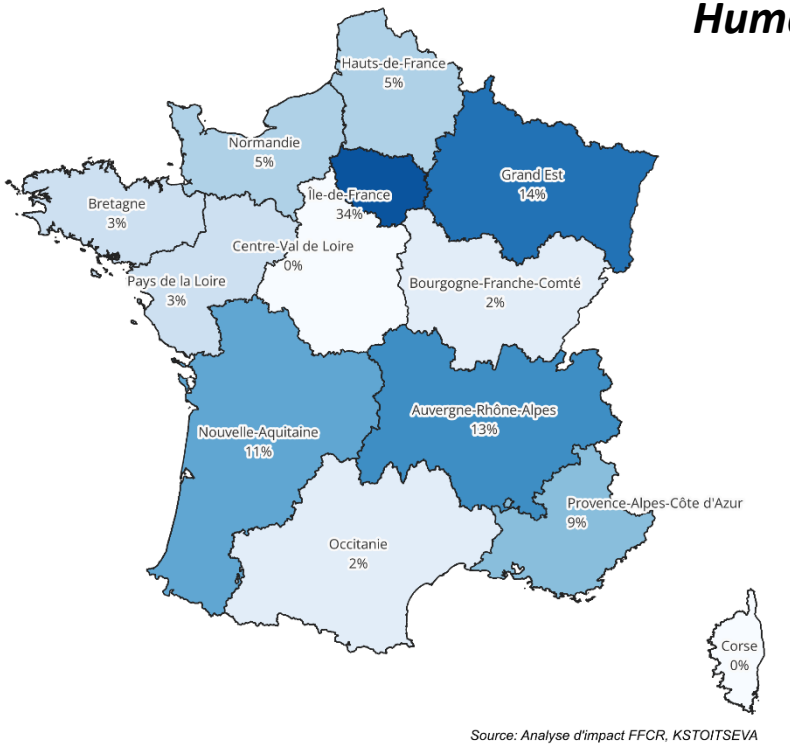
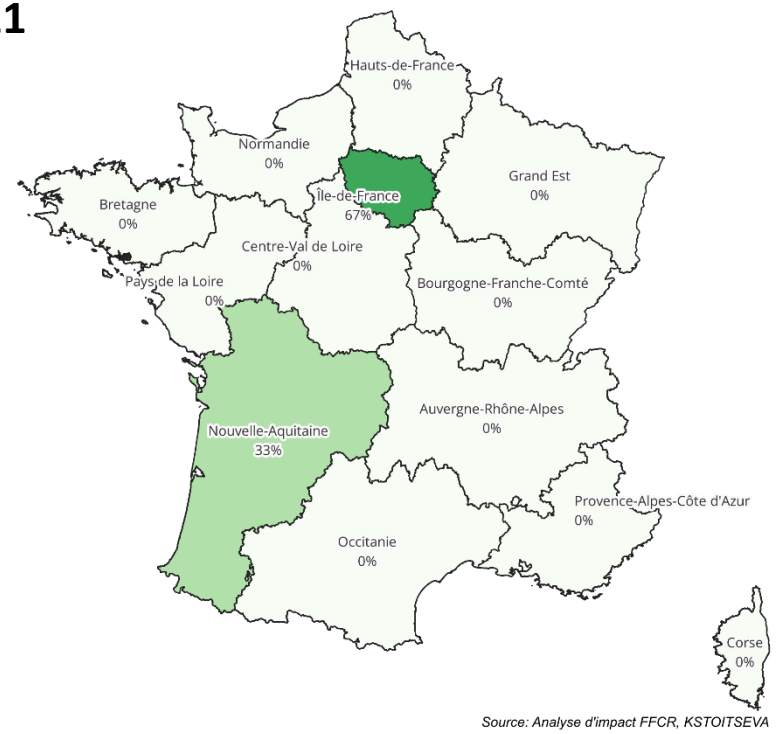
SCIENTIFIC DOMAINS : REGIONAL DISTRIBUTION HUMANITIES 2014-2021

France CANADA RESEARCH FUND
Regional percentages of applications and selections
***Humanities* 2014-2021**



Source: Analyse d'impact FFCR, KSTOITSEVA

% of applications
(DS6)



Source: Analyse d'impact FFCR, KSTOITSEVA

% of selections
(DS6)

Applications : 11 regions with Ile-de-France largely ahead
Selections : only in 2 regions (Ile-de-France and Nouvelle-Aquitaine)

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

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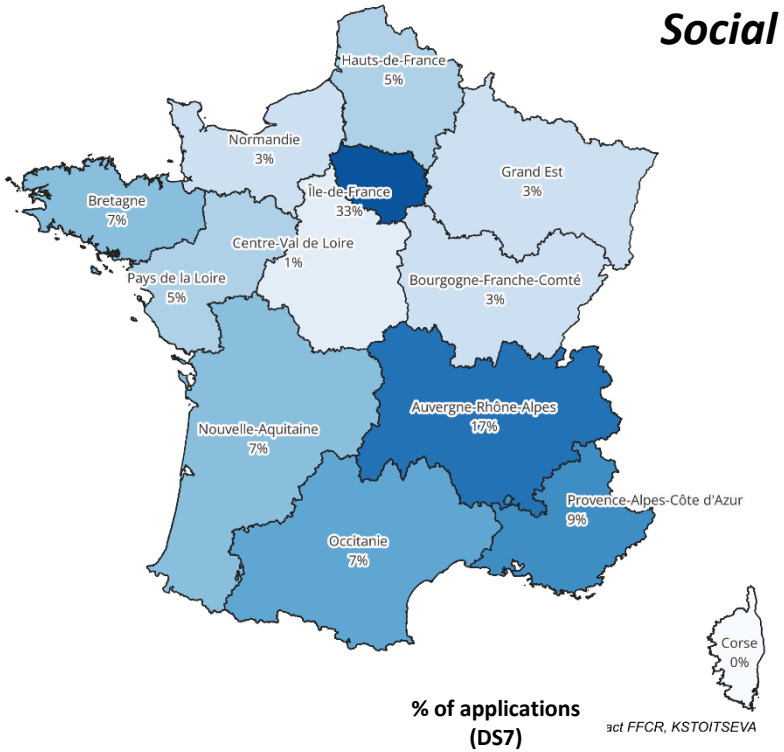
SCIENTIFIC DOMAINS : REGIONAL DISTRIBUTION SOCIAL SCIENCES 2014-2021

France CANADA RESEARCH FUND
Regional percentages of applications and selections
***Social Sciences* 2014-2021**



% of applications (DS7)

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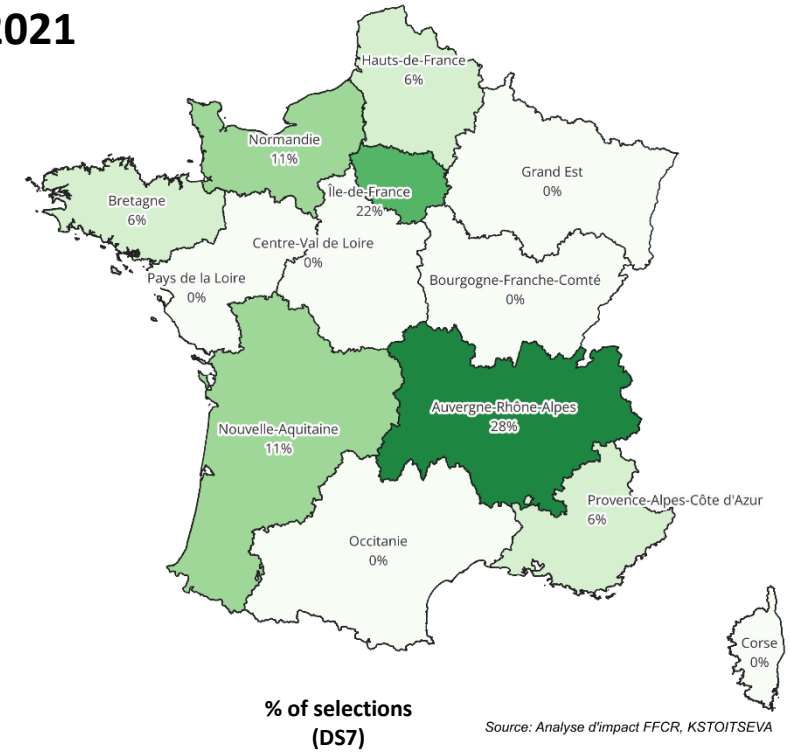

% of selections (DS7)

Source: Analyse d'impact FFCR, KSTOITSEVA

Applications : 14 regions with Ile-de-France largely ahead
Selections : 9 regions wth Auvergne-Rhône-Alpes ahead

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

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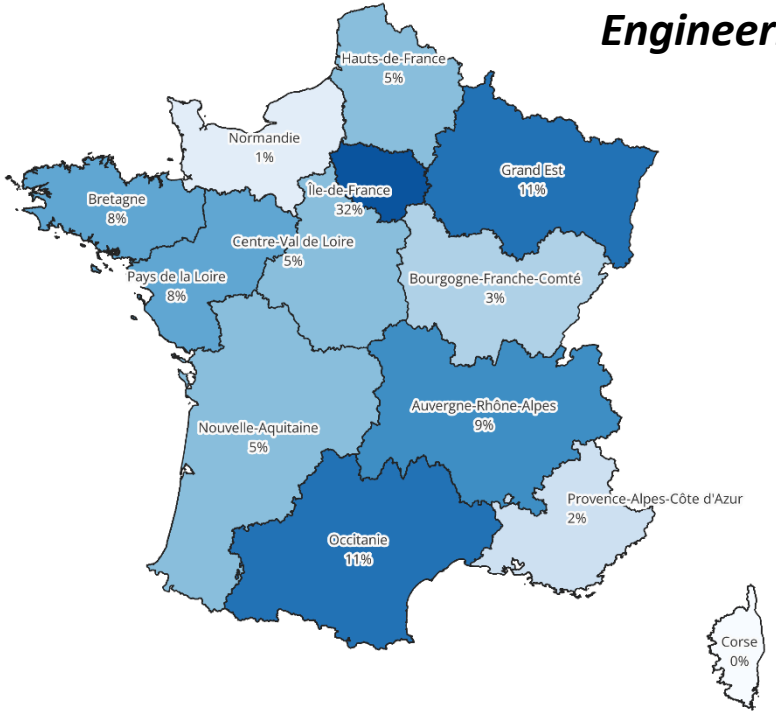
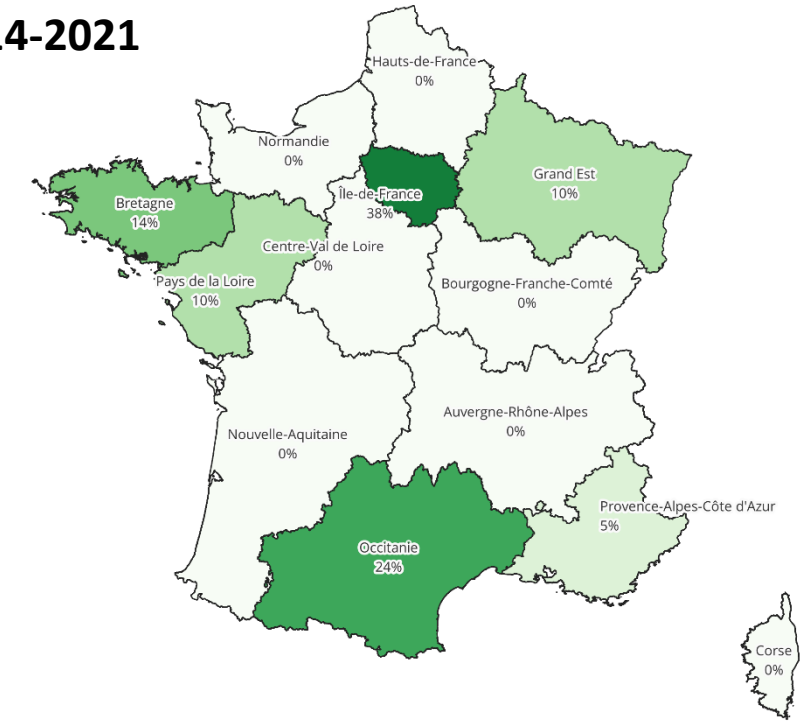
SCIENTIFIC DOMAINS : REGIONAL DISTRIBUTION ENGINEERING SCIENCES 2014-2021

France CANADA RESEARCH FUND
Regional percentages of applications and selections
***Engineering Sciences* 2014-2021**



% of applications (DS8)

Source: Analyse d'impact FFCR, KSTOITSEVA



% of selections (DS8)

Source: Analyse d'impact FFCR, KSTOITSEVA

Applications : 12 regions with Ile-de-France largely ahead
Selections : 6 regions with Ile-de-France and Occitanie ahead

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

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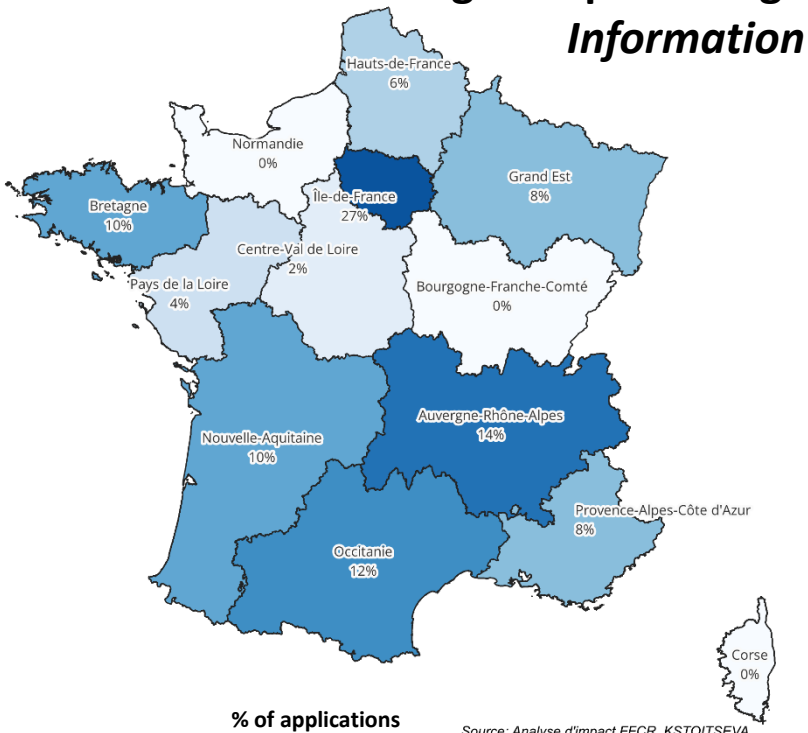
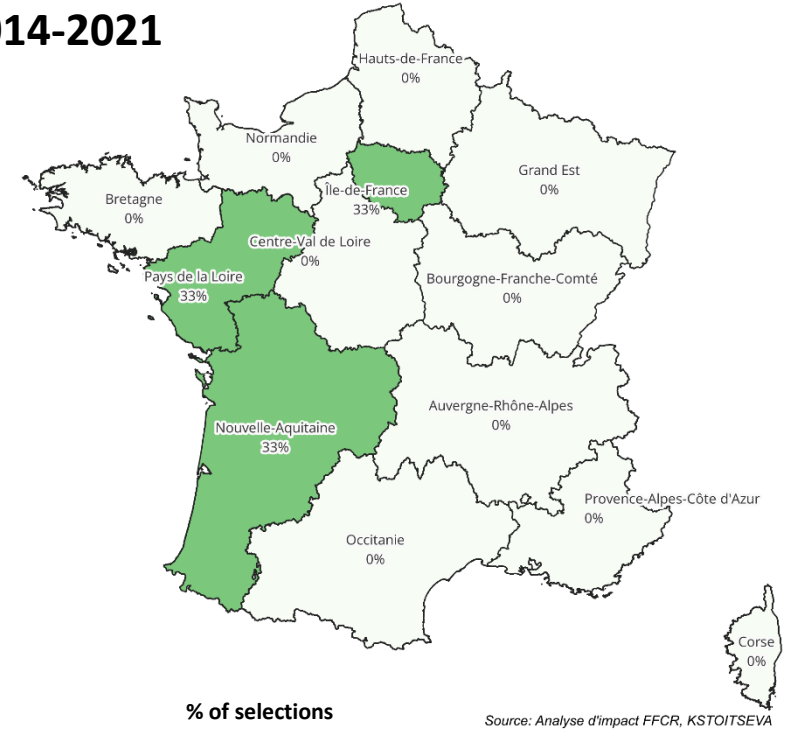
SCIENTIFIC DOMAINS : REGIONAL DISTRIBUTION INFORMATION TECHNOLOGY 2014-2021

France CANADA RESEARCH FUND
Regional percentages of applications and selections
***Information technology* 2014-2021**



% of applications (DS9)

Source: Analyse d'impact FFCR, KSTOITSEVA



% of selections (DS9)

Source: Analyse d'impact FFCR, KSTOITSEVA

Applications : quite large distribution over 9 regions with Ile-de-France and Bretagne ahead
Selections : only in 4 regions with Ile-de-France and Bretagne ahead

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

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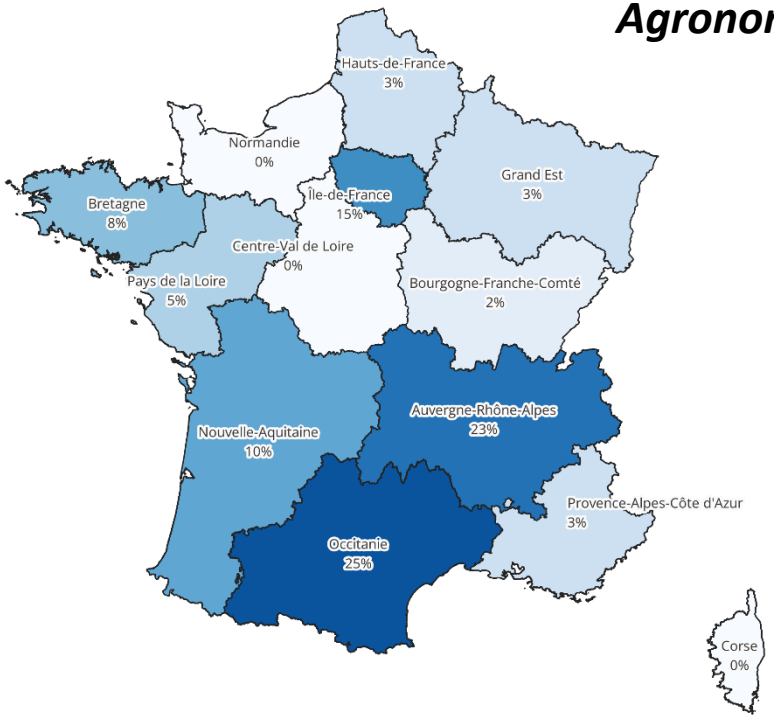
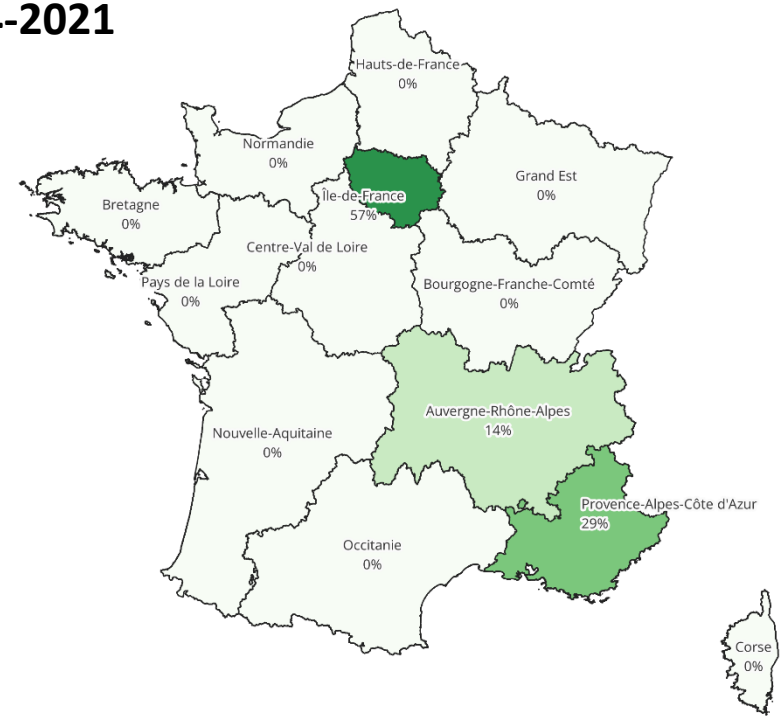
SCIENTIFIC DOMAINS : REGIONAL DISTRIBUTION AGRONOMY/ECOLOGY 2014-2021

France CANADA RESEARCH FUND
Regional percentages of applications and selections
***Agronomy/Ecology* 2014-2021**



% of applications (DS10)

Source: Analyse d'impact FFCR, KSTOITSEVA



% of selections (DS10)

Source: Analyse d'impact FFCR, KSTOITSEVA

Applications : 12 regions with Occitanie and Auvergne-Rhône-Alpes ahead
Selections : only 3 regions 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