



fnrs

LA LIBERTÉ DE CHERCHER



OPPORTUNITIES FOR PhD & POST-dOC FELLOWSHIPS AT FNRS

Joël Groeneveld
Florence Quist

BELGIUM

IN THE HEART OF EUROPE

GREAT FOOD



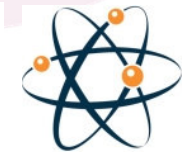
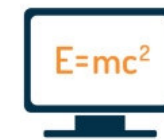
EXCELLENT SCIENCE

Research Funding in Belgium

Belgium is a federal state...



3 Communities



3 Regions



The FNRS funds basic research within the institutions from the French Speaking Community / Walonia-Brussels Federation



FNRS: Major Facts & Figures

- Annual budget: **~180 M€** (90% public funding)
- Funding instruments: **fellowships**, grants, international cooperation & mobility
- **~2.300 scientists** (from PhD to tenured) hosted within the 6 institutions
 - 1.500 PhD Students
 - 300 Post-doctoral fellows
 - 400 Tenured
- **2 regular calls / Year**: Fall & Spring
- **10,000 experts** for peer reviews
- **4500 proposals** processed/year
- **14 Scientific Panels**

Mobility Opportunities at F.R.S.-FNRS



MOVING IN

Fellowships

- Aspirant/FRIA/FRESH – PhD Student
- Chargé de Recherche – Post-doctoral fellow
- Chercheur Qualifié – Tenure researcher

Grants

- PDR – Research Project
- MIS-ULYSSE – Support for building a team
- PINT-MULTI – Multilateral Research Project
- PINT-BILAT-P – Bilateral Research Project



MOVING IN&OUT

- **Mobility & Congres** – Short stays/visits
- **Chargé de Recherche – Post-doctoral fellows**, up to 3 years mobility allowed.
- **PINT-BILAT-M** – Bilateral Research Mobility/ exchanges



Mobility Opportunities at F.R.S.-FNRS

MOVING IN

Fellowships

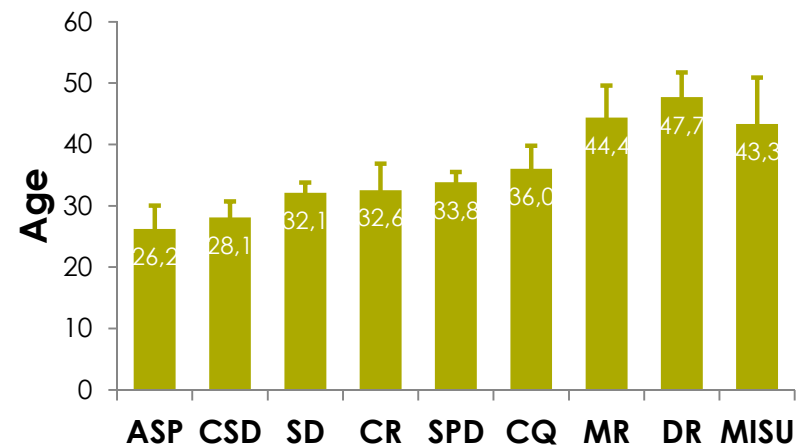
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National Calls & Opportunities

Call for Fellowships

Opening: December

Closing: February

Panel: May-June

Results: July

- Aspirant – PhD Students
4 years
- Chargé de recherche –
Post-doctoral fellow
3 years in 6 years
- Chercheur qualifié –
Research associate
Tenure position

Call for Grants

Opening: Early May

Closing: Late June

Panel: October-November

Results: January

- Staff: selected by the PI
 - PhD Students
 - Post-doctoral fellow
 - Mobility post-doc (*less than 24 months in Belgium in the last 3 years*)
- Consumables
- Equipment

FNRS Panels & Nomenclature

ERC based nomenclature

http://www.frs-fnrs.be/docs/Reglement-et-documents/FRS-FNRS_Champs_descripteurs.pdf

- **SHS: Social Sciences and Humanities**
 - SHS-1: Sociology, Demography
 - SHS-2: Cognition, Psychology
 - SHS-3: Literature, Philosophy, arts
 - SHS-4: Archaeology, History
 - SHS-5: Economics, Law
- **SVS: Medical and Life Sciences**
 - SVS-1: Molecular biology, Biophysics
 - SVS-2: Physiology, Immunology
 - SVS-3: Neurosciences
 - SVS-4: Aetiology, Public Health, Clinical sciences
- **SEN: Exact and Natural Sciences**
 - SEN-1: Structure, Fluids, Nanosciences
 - SEN-2: Mathematics, Physics
 - SEN-3: Computer sciences
 - SEN-4: Natural sciences
- **IDR: FORESIGHT**

Research project aiming at addressing a problem related to sustainable development

Each panel: 1 President outside WBF, **12 members** with a minimum of 2/3 foreigners

Call Procedures – Aspirant (PhD)

1 STEP procedure

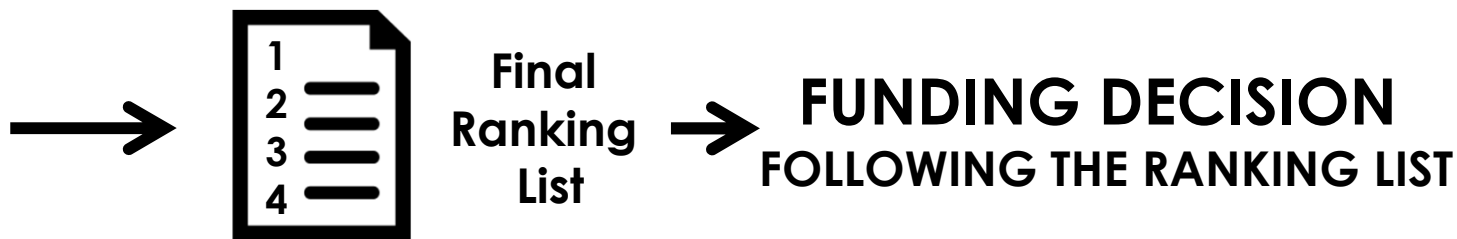
Application



Scientific officer



Scientific panel



Calls Procedures – Fellowships & Grants

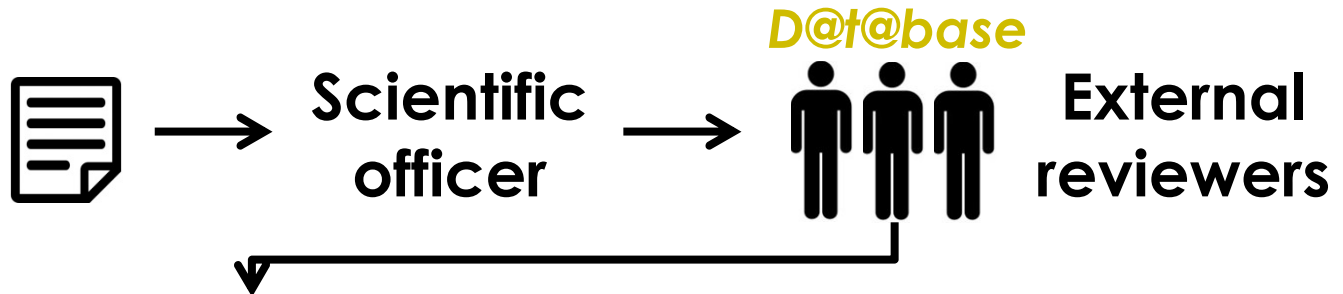
STEP 1: Submission and external evaluation

Application

English preferred



Peer review



- Criteria 1: the applicant (CV, track record, mobility, ...) A+ to C
- Criteria 2: the Project A+ to C
- Criteria 3: the proposed research environment A+ to C

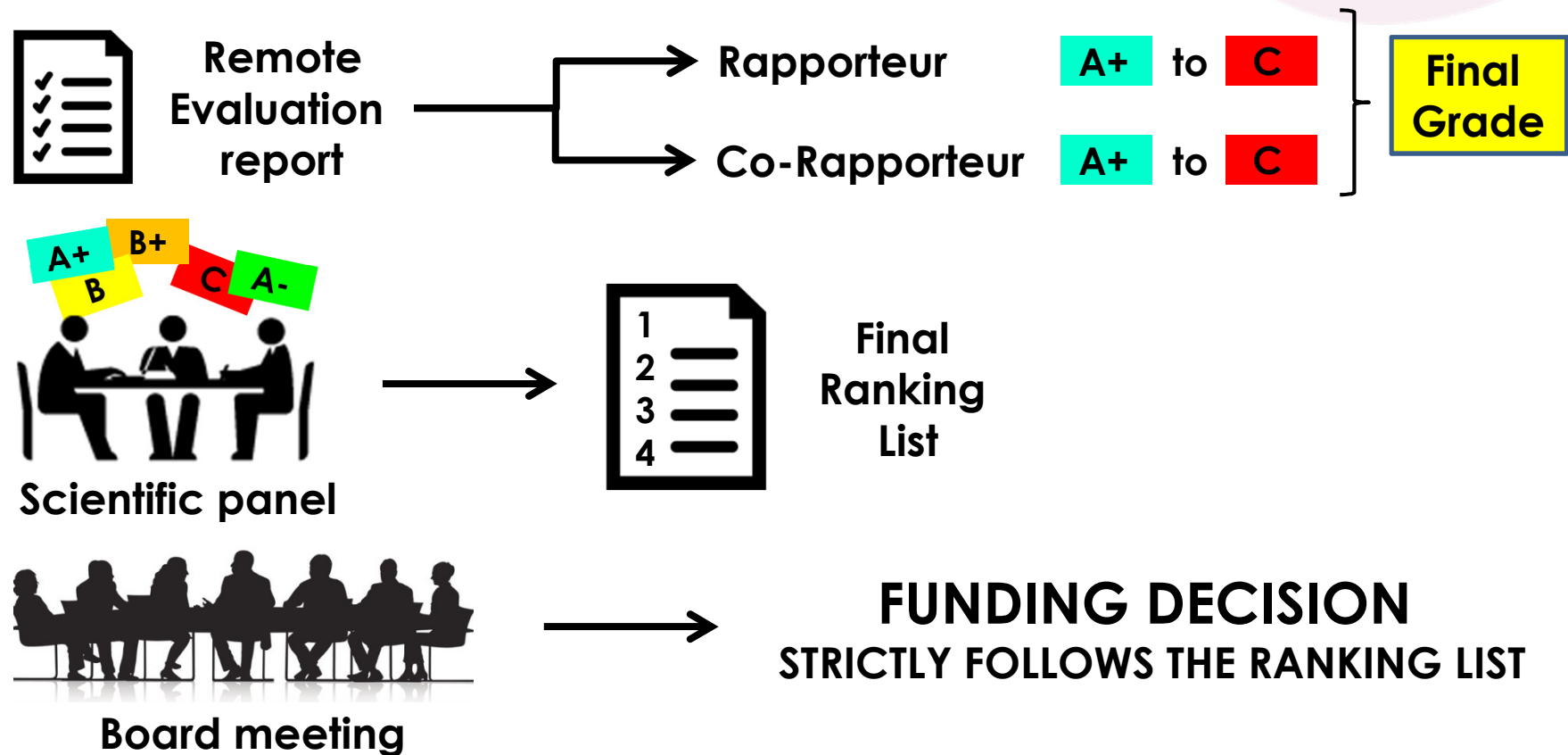


Remote
Evaluation
report



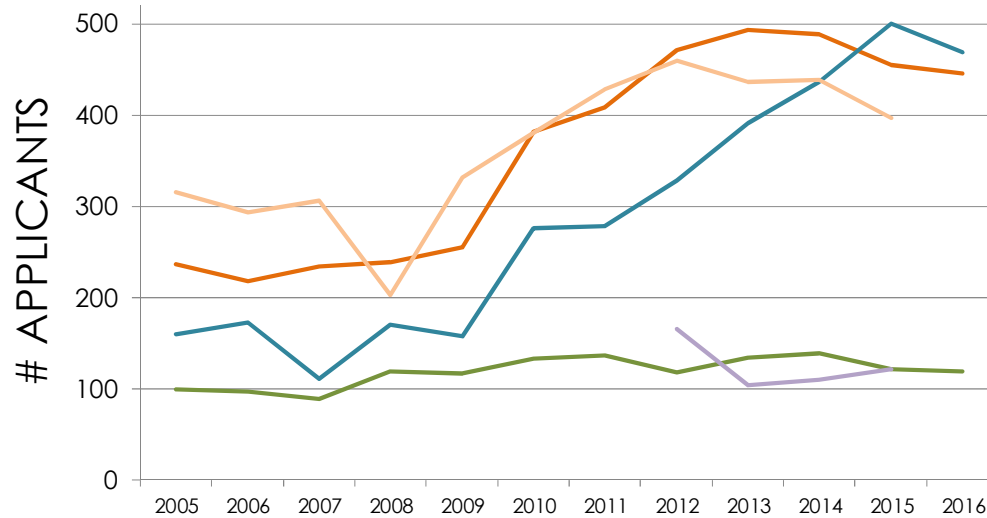
Calls Procedures – Fellowships & Grants

STEP 2: Panel meeting and Projects Ranking



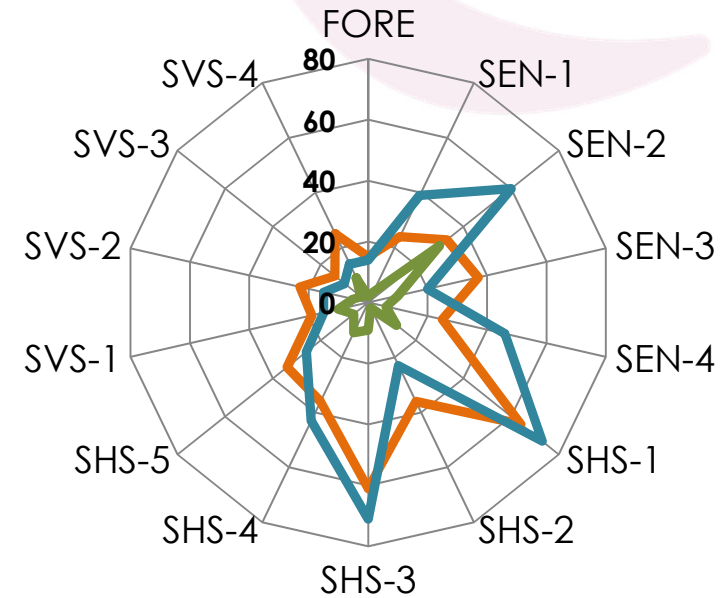
National Calls: Facts & Figures

Applications and success rates



— PhD students
 — Post-docs
 — Tenure positions

- **Average success rates**
 - PhD Students: 18-20%
 - Post-doctoral fellows: 15-20%



National Calls: Facts & Figures

International candidates

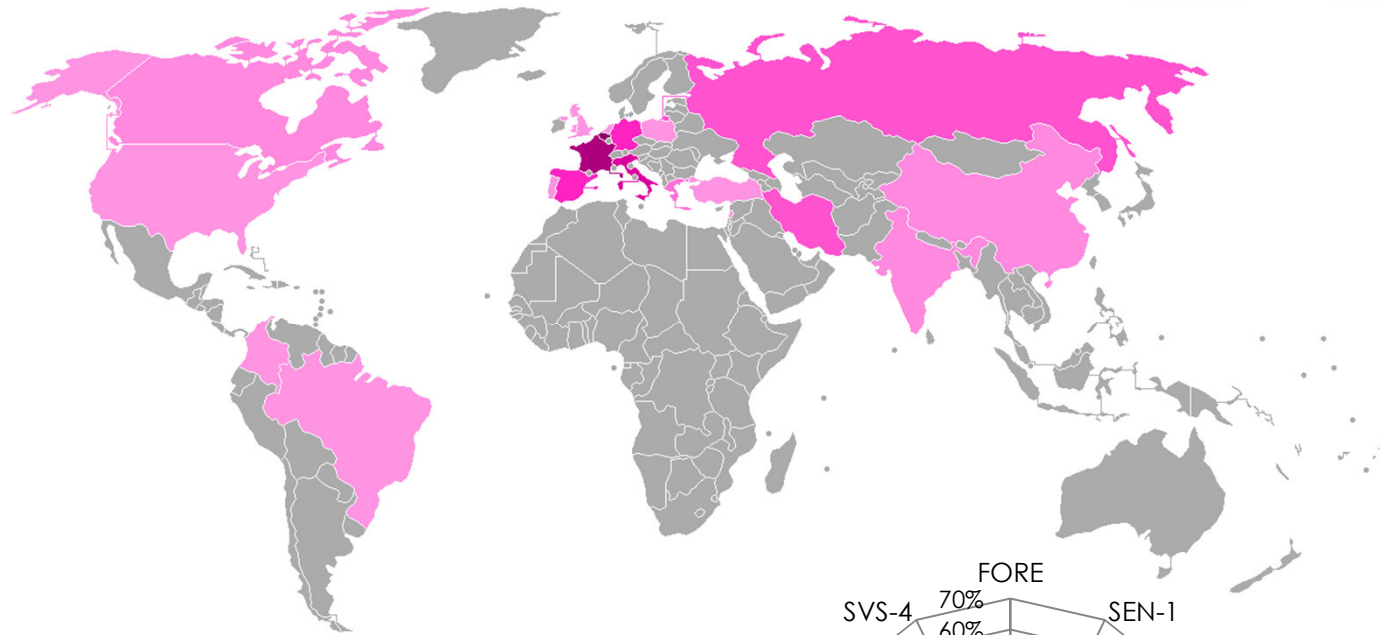
- **62** Nationalities
- **48%** of applicants to post –doc positions got their PhD in another country
- **46%** of the selected post-docs got their PhD in another country
- **28%** of applicants to PhD student positions got their Masters in another country
- **20%** of the selected PhD students got their Masters in another country
- **60%** of applicants to Post-doc positions are foreigners
- **29%** of applicants to PhD student positions are foreigners



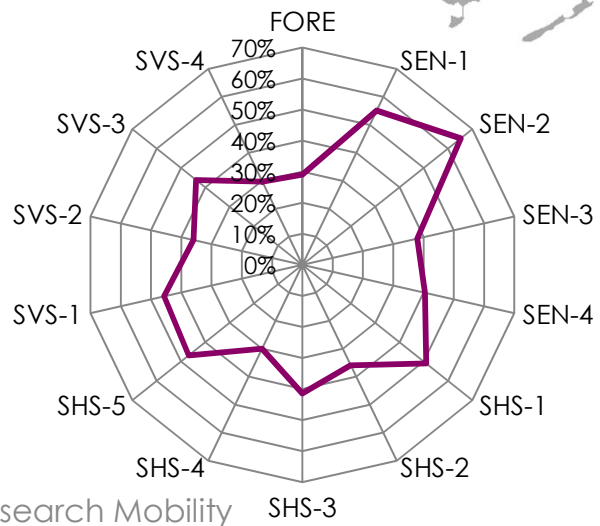
**Steep internationalisation of our
Post-doctoral calls since 2011**



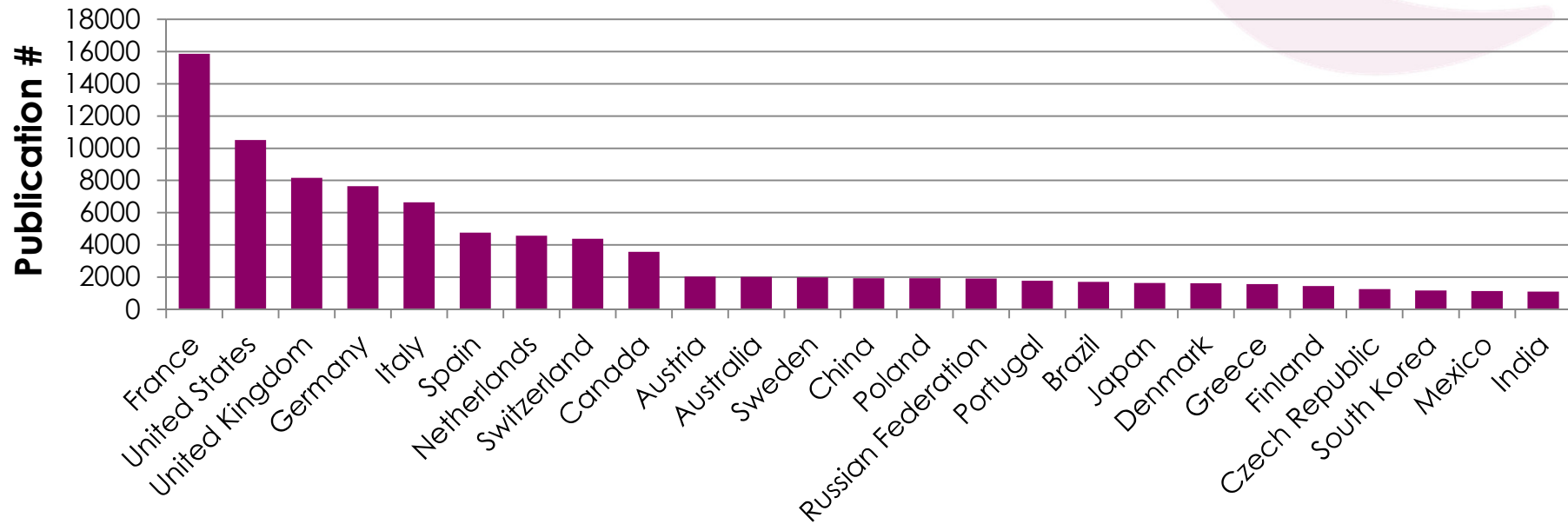
Most Represented Countries



Belgium	692	58,3%
France	155	13,1%
Italy	91	7,7%
Spain	27	2,3%
Germany	19	1,6%
Iran	12	1,0%
Russia	12	1,0%



WBF International Collaborations




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