

Slovenian-Flemish collaboration: What can FWO offer you?

dr.ir. Isabelle Verbaeys – Head International Affairs 28/11/2022





- Scientific Landscape
- Research Foundation Flanders (FWO)
- FWO's Funding Instruments

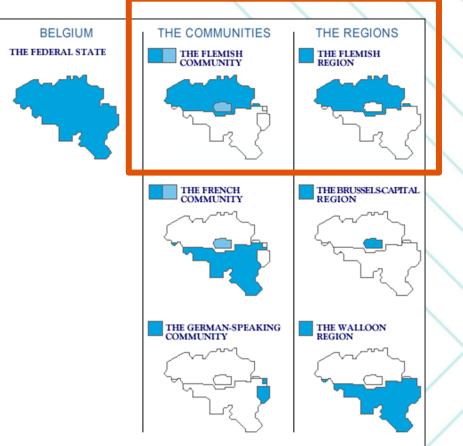




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Belgian Science Landscape



Primary responsibility of Communities/Regions

Communities: Education and basic research

<u>Regions</u>: Economy and applied research

Federal: Thematic programs including marine, space, and polar research (e.g. Station on Antarctica), federal scientific institutions, ...

Main funding streams Flanders (since 2016)

- Research Foundation Flanders (FWO):
 - Fundamental research
 - Strategic basic research (former SB/SBO/TBM IWT programmes)
 - Research infrastructure (Before: Hercules)
- BOF/IOF: Basic funding for fundamental and industrial research

 Flanders Innovation and Entrepreneurship (VLAIO): Applied and Industrial research



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AGENTSCHAP INNOVEREN & ONDERNEMEN

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Main Research Performing Centers







- Scientific Landscape
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HR EXCELLENCE IN RESEARCH

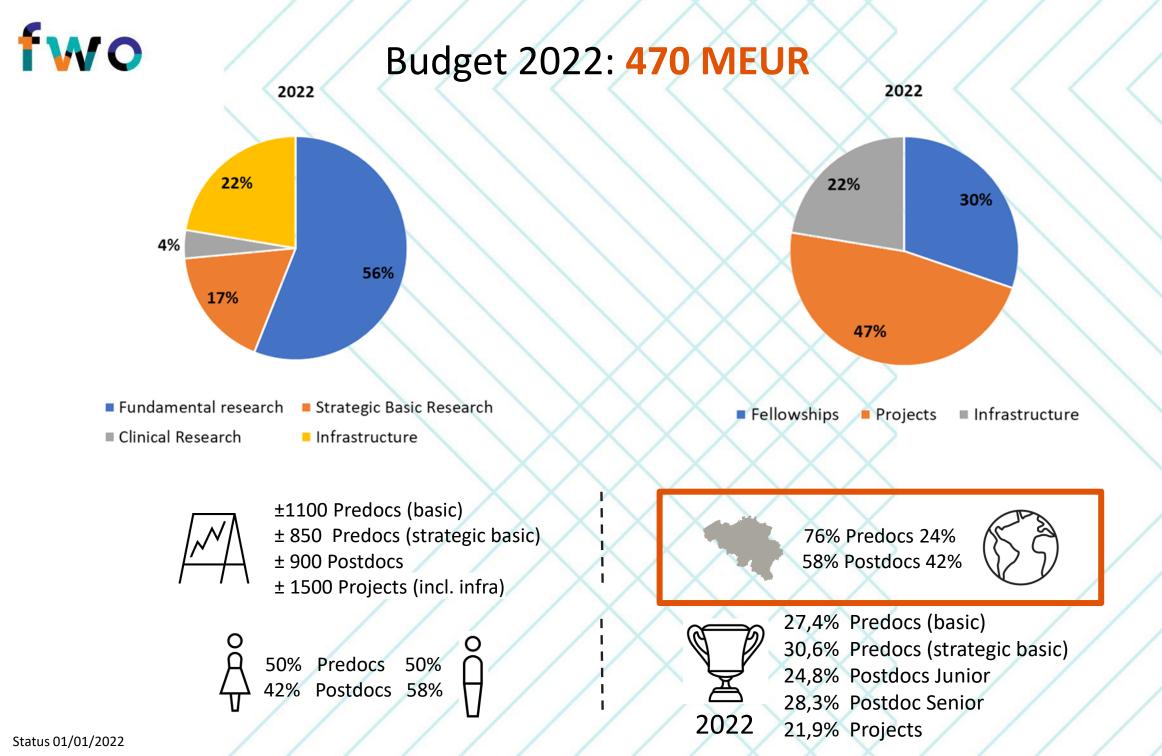
FWO, Opening New Horizons

1. Research mainly at universities

5. International cooperation

fwo Opening new horizons 2. Bottom-up funding in all disciplines

4. Transparant and equal opportunities 3. Scientific excellence -Interuniversity competition







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Main FWO Funding Schemes

	FR Fellowships SB Fellowships	FR postdoc	Fellowships							
	International Mobility									
				FR Projects Junior						
					FR Projects Senior					
				SBO projects						
				TBM projects						
		Postdoc		Infrastructure						
Master	PhD	Junior	Senior	Established researcher						

FR: Fundamental researchSB: Strategic basic researchTBM: Applied biomedical research



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(1) FWO FELLOWSHIPS

- <u>PhD fellowship fundamental research/strategic basic research</u>
 - Open to all nationalities (eg. Slovenian), requirement: European Master degree (or recognition procedure possible through NARIC)
- Junior/senior postdoctoral fellowship
 - Open to all nationalities (eg. Slovenian)
 - Junior: PhD obtained not longer than 3 years before start of fellowship
 - Senior: PhD obtained min. 3 years and max. 6 years before start of fellowship
- Odysseus for (established) researchers

- Attracting Top Scientists to Flanders Universities in Flanders nominate candidates
- No nationality restrictions but candidate main appointment of min. 80% at foreign institution (eg. Slovenian) on FWO-deadline + other eligibility criteria (see Regulations)
- Start-up funding to develop a research group or to set up a research line at a Flemish university
- Two-yearly call with deadline on 30th of September (2024) ODYSSEU

TYPE I

- Internationally recognized leading researchers
- Budget: between € 400.000 and
 € 1.000.000 per year (max. 5 years)
- Permanent position at a university in the Flemish Community

TYPE II

- Researchers with the potential to grow to a leading position
- Budget: between € 100.000 and
 € 200.000 per year (max. 5 years)
- Tenure track position at a university in the Flemish Community

www.fwo.be/en/fellowships-funding/research-projects/odysseusprogramme



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(2) FWO RESEARCH PROJECTS

- Junior/Senior FWO research projects fundamental research
 - Junior: supervisor-spokesperson + (co-)supervisor(s) must have obtained first PhD degree max. 12 years before FWOdeadline
 - Senior: supervisor-spokesperson + (co-)supervisor(s) must have obtained first PhD degree more than 12 years before FWO-deadline
 - Funding: recently decided new budget conditions
 - Staff + consumables (on project level): min. € 50,000/year
 - Each Flemish or federal partner: max. € 145,000/year
 - Equipment: max. € 150,000/project
 - Since 2019 MfC: up to 10% of total FWO-budget possible for non-Flemish research institutions (eg. Slovenian)
 - Yearly call: deadline 1st of April





(2) FWO RESEARCH PROJECTS - WEAVE

- Bottom-up cross-European initiative developed by European research funders
- To support excellent collaborative bilateral/trilateral research projects across borders;
- Through a single evaluation of the proposals;
- Based on the Lead Agency Procedure principle: The funder that receives the proposal (the so-called Lead Agency) evaluates the proposal according to its internal rules set out for its respective national or regional programme open for collaborative Weave projects. The funding recommendation is then communicated to the other funders involved (socalled Partner Agencies), for approval and budgetary purposes



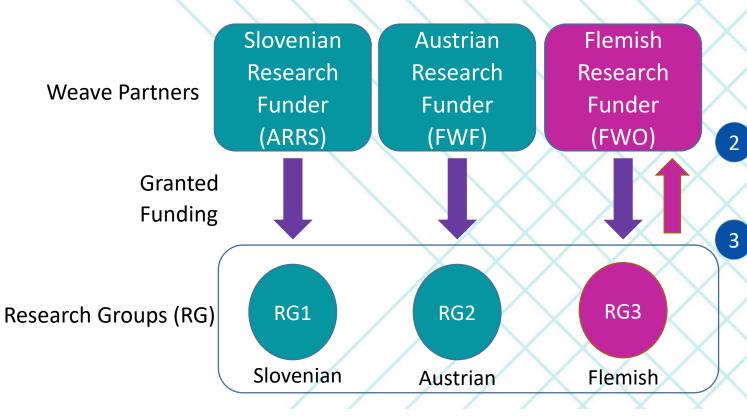
Fictional example:

Weave Lead Agency Procedure

Partner Agencies ratify the funding decision of the Lead Agency.



5 Each research funder finances its own researchers.



Submission to the Lead Agency (free choice). Identical Weave project cannot be submitted to more than one agency in the same year.

Lead Agency is solely responsible for the evaluation. Success rate of Lead Agency applies, capped at 20%.

Collaborative research project in which each research group adds value.

Equal project duration for all partners!



Weave Signatories

Currently there are 12 participating funders in Weave:

FUF Der Wissenschaftsfonds.

Austrian Science Fund/FWF AUSTRIA

BELGIUM

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CZECH SCIENCE FOUNDATION



NATIONAL SCIENCE CENTRE

FORMAS

Czech Science Foundation/*GAČR* CZECH REPUBLIC

Research Foundation Flanders/FWO

Luxembourg National Research Fund/FNR LUXEMBOURG

National Science Centre/NCN POLAND

Swedish Research Council for Sustainable Development/FORMAS SWEDEN





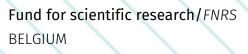
DFG Deutsche Forschungsgemeinschaft

The Research Council of Norway

BCCS SLOVENIAN RESEARCH AGENCY

FNSNF

Fonds national suisse Schweizerischer Nationalfonds Fondo nazionale svizzero Swiss National Science Foundation



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Croatian Science Foundation/HRZZ CROATIA

German Research Foundation/DFG GERMANY

Research Council of Norway/*RCN* NORWAY

Slovenian Research Agency/ARRS SLOVENIA

Swiss National Science Foundation/ SNSF SWITZERLAND



Weave Lead Agency Procedure



Free choice where to submit:

- Success rate of the Lead Agency applies, capped at 20%. More info, see here.
- Equal project duration for all partners, however, maximum project duration might be different depending on Lead Agency. More info, see <u>here</u>.
 - Eg. when ARRS is Lead, project duration is max. 3 years at Slovenian AND at Flemish side.
- Differentiation in Junior/Senior project applications only when you submit at FWO (Lead Agency).
- An identical Weave project cannot be submitted to more than one agency in the same year.





Submit to FWO (FWO Lead Agency)



Weave in Flanders



FWO as <u>LEAD</u> Agency:

Progressive FWO roll-out of Weave over the coming years:

For the upcoming 2023 call FWO only accepts <u>bilateral or trilateral projects</u> with researchers from the following countries:

- Germany via DFG (German Research Foundation)
- French-speaking community of Belgium via F.R.S.-FNRS (Fonds de la Recherche Scientifique)
- Luxembourg via FNR (National Research Fund)
- Austria via FWF (Austrian Science Fund)
- Poland via NCN (National Science Center)
- Slovenia via ARRS (Slovenian Research Agency)
- Sweden via Formas (Research Council for Sustainable Development) NEW!
- Switzerland via SNSF (Swiss National Science Foundation)

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FWO as Lead:

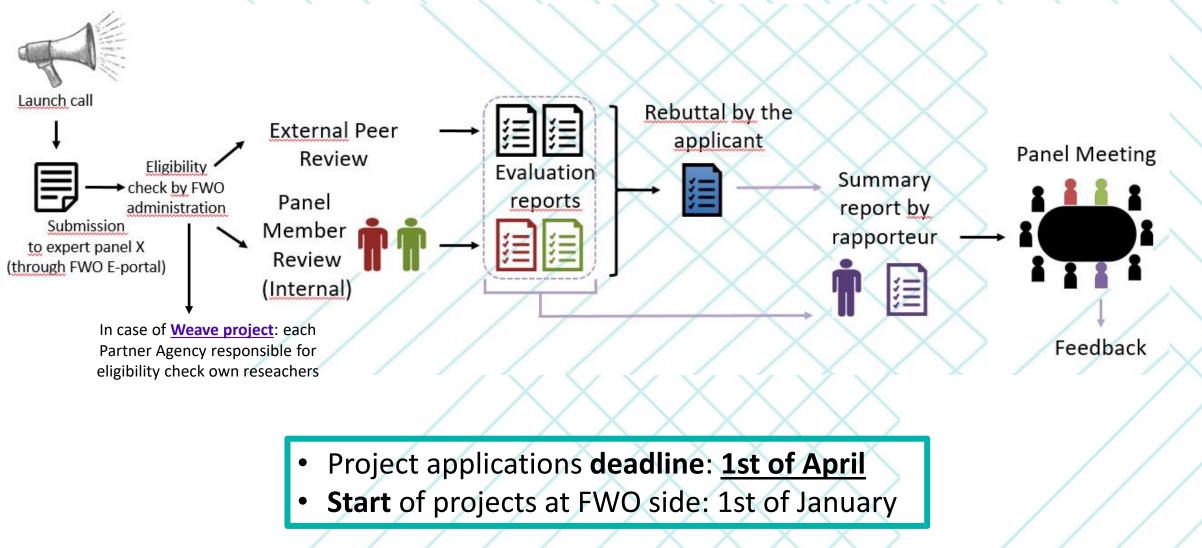
Evaluation procedure FWO Projects Fundamental Research

- Target group
 - Professors ((co-)supervisor) and postdocs (co-supervisor) at eligible universities/research institutes in Flanders
- Junior/senior: parallel calls (<u>Weave projects</u>: only in case <u>FWO is Lead!</u>)
- 4-year projects (min. 2 y.) start January 1st
 - Fundamental research
 - Key dates: ^{Perenderion} ^{Perender}



FWO as Lead:

Evaluation procedure FWO Projects Fundamental Research





FWO as Lead:

Evaluation procedure FWO Projects Fundamental Research

Research team

25% weight

Scientific capacity, track record and collaboration

Project

75% weight

• Scientific quality, relevance & originality

Quality of the research approach & feasibility



 Budget: no criterium, but open for dicussion, panel can formulate advice to FWO board of trustees





Submit elsewhere (FWO Partner Agency)

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Weave in Flanders



FWO as <u>PARTNER</u> Agency:

- <u>Collaborative proposal:</u>
 - Submitted by the responsible foreign research group at the Weave research funder (Lead Agency) for which he/she is eligible.

!!Flemish participants still need to make an administrative submission at FWO!! Use specific form: RESEARCH PROJECT WEAVE (FWO ACTS AS PARTNER AGENT)

- Evaluated according to the project funding scheme the Lead Agency made available for collaborative Weave projects.
- Flemish partner:
 - Regulations (eligibility, budget, ...) research projects fundamental research apply.
 - Included in max. of 2 projects per application round and max. of 2 requested + running projects as from January 1st 2019!
- Foreign partner(s):
 - Regulations (eligibility, budget, ...) foreign research funder for which foreign participating researchers are eligible.



Weave in Flanders



FWO as <u>PARTNER</u> Agency:

Progressive FWO roll-out of Weave over the coming years:

In 2023 Flemish researchers can submit together with their foreign partner a <u>bilateral research project</u> at the following Weave research funders (Lead Agency) for which their foreign partner is eligible:

- Germany via DFG (German Research Foundation)
- French-speaking Community of Belgium via F.R.S.-FNRS (Fonds de la Recherche Scientifique)
- Luxembourg via FNR (National Research Fund)
- Austria via FWF (Austrian Science Fund)
- Poland via NCN (National Science Center)
- Slovenia via ARRS (Slovenian Research Agency)
- Sweden via Formas (Research Council for Sustainable Development) NEW!
- Switzerland via SNSF (Swiss National Science Foundation)

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Weave in Flanders

In addition – and if desired – it is possible to extend the project to a <u>trilateral project</u> because all aforementioned research funders have bilateral agreements as well with other Weave partners making the following trilateral combinations possible:

		can include, if desired, researchers from one of the following countries/regions* in the research proposal.												
	Lead Agency ↓	Luxembourg through FNR	Austria through FWF	Slovenia through ARRS	Switzerland through SNSF	Germany through DFG	Czech Republic through GAČR	Croatia through HRZZ	Poland through NCN	Belgium- Wallonia through F.R.S FNRS	Norway through RCN	Sweden through FORMAS		since 202
Flemish researcher(s) submitting a joint research project with	Luxembourg partner(s) <u>at</u> <u>FNR</u>						\times	\propto						since 202
	Austrian partner(s) <u>at</u> <u>EWE</u>						\times	\propto		<				new fron 2023 onwards
	Slovenian partner(s) <u>at</u> <u>ARRS</u>					\sim	\times			\geq		2023? TBC!		
	Swiss partner(s) <u>at</u> <u>SNSF</u>				\sim		\times							
	Polish partner(s) <u>at</u> <u>NCN</u>						\times	\sim	\propto	\geq			/	
	Walloon partner(s) <u>at</u> <u>F.R.SFNRS</u>		/				\times	\times	\propto	>		/	/	
	German partner(s) <u>at</u> <u>DFG</u>					/ /	\propto	\times			/	/ /		
	Swedish partner(s) <u>at</u> <u>Formas</u>		/ /	2023? TBC!		/ /		\times	$\langle \times \rangle$	\sum			/	

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Weave in Flanders



More information:

- <u>European Weave webpage</u> including simulation tool: With whom can I submit what where?
- Weave-specific <u>FWO webpage</u> including more background info as well as what to do in case FWO acts as Lead Agency or Partner Agency
- FWO contacts:
 - <u>weave@fwo.be</u>
 - Isabelle Verbaeys Head of International Affairs T +32 2 550 15 31 <u>Isabelle.Verbaeys@fwo.be</u>
 - Tinne Jacobs Advisor International Affairs T + 32 2 550 15 44 <u>Tinne.Jacobs@fwo.be</u>
 - Gregory Absillis Science Policy Advisor International Affairs T +32 2 550 15 29 <u>Gregory.Absillis@fwo.be</u>

(2) FWO RESEARCH PROJECTS

- Excellence of Science (EOS) projects
 - Promote joint fundamental research between researchers in Flemish and French-speaking community
 - Funding: up to € 1,000,000/year/project
 - MfC: up to 10% of total budget possible for foreign institutions ("Type IV research group") (eg. Slovenian)
 - 4-yearly call (next call deadline: 2025 at earliest)
- <u>Applied Biomedical Research (TBM)/Strategic Basic Research (SBO)</u> projects:
 - Funding: max. € 500,000/year (SBO) / max. € 850,000 (TBM)
 - MfC: up to 20% of total budget possible for non-Flemish research centers ("co-applicant") (eg. Slovenian)
 - Yearly calls, see specific websites for details



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(3) FWO TRAVEL GRANTS - INCOMING

- Grant for a scientific stay in Flanders
 - NEW since June 2022!
 - Who? Researchers from postdoctoral level onwards, appointed min.
 50% outside Belgium open to all nationalities (eg. Slovenian)
 - What? Scientific stay in Flanders of min. 1 max. 3 months
 - <u>Added value for (research group in) Flanders is crucial</u>: has to be scientifically motivated in depth in invitation (recommendation) letter of Flemish host researcher (obligatory upload in application)
 - FWO funding for travel + daily allowance
 - No call, continuous submission system (submission no later than 3 months prior to departure)

(3) TRAVEL GRANTS - OUTGOING

- <u>Grants for outgoing mobility (eg. towards Slovenia)</u> for researchers affiliated to research institution in Flanders:
 - Grant for participation in conference abroad
 - Grant for short study visit abroad
 - Grant for participation in conference/workshop abroad
 - Grant for long stay abroad (incl. long stay at ERC Grantee abroad)
- FWO funding for travel + daily allowance
- No calls, continuous submission system (submission no later than 3 months prior to departure)



(4) FWO FUNDING FOR INTERNATIONAL CONTACTS/NETWORKS

Stimulate international networking for researchers in Flanders:

- Scientific Research Network (SRN)
- International Coordination Action (ICA)
- Organisation of scientific conference in Belgium



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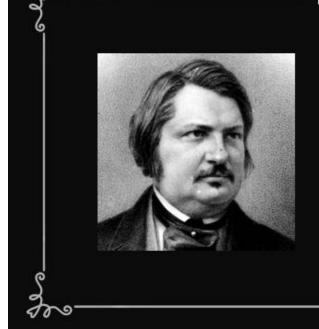
FWO Community building

- Stay tuned: (digital) FWO Newsletter, subscribe here
- Follow us on Social media: @FWOVlaanderen
 - #FWOVlaanderen 🖽
 - <u>Website</u>, Facebook, Twitter, LinkedIn, Instagram
 - Possibilities for FWO-beneficiaries to share experiences, gain visibility:
 - write a blogpost, Instagram-takeover, ... (!) (contact: <u>communicatie@fwo.be</u>)
 - Be included in our mailing list of individual researchers who we inform every time we launch a new international call (contact: <u>Tinne.Jacobs@fwo.be</u>)



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Questions? Vprašaj?



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Honore de Balzac

The key to all sciences is unquestionably the question mark. To the word How? we owe most of our greatest discoveries. Wisdom in life may perhaps consist in asking ourselves on all occasions: Why?

AZQUOTES

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More info on www.fwo.be

Thanks for your attention

Join us

