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EOS infosession

27th of November 2020

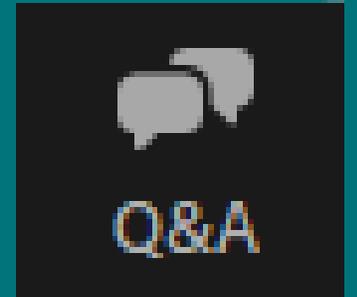
Dr. Arnaud Goolaerts & Dr. ir. Isabelle Verbaeys



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Technical info

- As a participant you are muted and your camera is not active.
- **Questions can be asked by using the Q&A function** at the bottom of your screen.
- If your question is already asked you can vote on it. Popular questions will be prioritized.
- After the webinar you will be asked to complete a survey.



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General Introduction

Dr. Ir. Véronique Halloin & Dr. Hans Willems



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Content

- **EOS 2.0**
- **Aim**
- **Eligibility**
- **Consortium**
- **Evaluation process**
- **Budget**
- **Practical issues**
- **More info**



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EOS 2.0



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EOS 2.0

- FWO and FNRS launched first EOS call in 2016
- 269 applications, 38 funded project for in total €118.2 million, success rate: 14%
- In 2019 external audit with recommendations
- Optimisation of EOS programme

EOS 2.0

Key modifications:

- Pre-proposal and full proposal
- Consortium composition simplified
- No minimum budget per project
- Update regulations

Aim



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Aim

To promote **joint** research projects in **basic** research in **all fields** between the Flemish and French-speaking community, based on **scientific excellence**.

Available budget: €120 million

Eligibility



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Eligibility

4 types of eligible research institutes:

TYPE I: Universities

TYPE I-FL
TYPE I-FR

TYPE II: Institutes

TYPE II-FL
TYPE II-FR

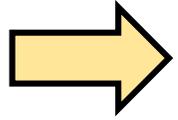
TYPE III: Federal Research Institutes

TYPE IV: Foreign Research Institutes



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TYPE I-FR



Which Institutions?

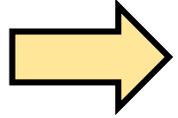
The six universities from the French-speaking community

- Université Catholique de Louvain
- Université Libre de Bruxelles
- Université de Liège
- Université de Mons
- Université de Namur
- Université Saint-Louis - Bruxelles



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TYPE I-FR

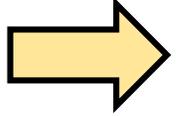


Who?

- **Principal investigator and spokesperson-coordinator:**
 - Permanent Researcher of FNRS (CQ, MR, DR en poste) ;
 - Researcher holding a tenure track academic or scientific position (or an assimilated position including pending tenure track) within one of the research institutions from the French-speaking community(Art.3 §2).



TYPE I-FR



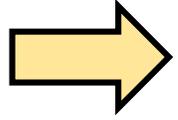
Who?

- **Co-supervisor:**
 - Researchers who have obtained a PhD, with a remunerated appointment at a TYPE I-FR host institution;
 - Research logisticicians of rank A as defined by the Royal Decree of 31st October 1953 , provided they hold a Ph.D.



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TYPE I-FL



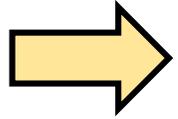
Which Institutions?

- Universities in the Flemish community
- Evangelical Theological Faculty in Leuven
- Faculty of Protestant Theology in Brussels
- Antwerp Maritime Academy
- Vlerick & Antwerp Management School
- Institute of Tropical Medicine



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TYPE I-FL

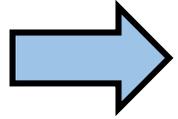


Who?

- **Principal investigator and spokesperson-coordinator:**
 - FWO Regulations for fundamental research projects valid
 - Permanent remunerated appointments of minimum 50% to one of the listed TYPE I-FL institutions
- **Co-supervisor:** postdoctoral level, with a remunerated appointment at a TYPE I-FL host institution.



TYPE II-FL



Which Institutions?

- Institute for Agricultural and Fisheries Research (ILVO)
- Research Institute for Nature and Forest (INBO)
- Interuniversity Microelectronics Center (IMEC)
- Royal Museum of Fine Arts Antwerp (KMSKA)
- Royal Conservatory of Antwerp
- Royal Conservatory of Brussels
- Royal Zoological Society – Antwerp (KMDA)
- Museum of Contemporary Art Antwerp (MuHKA)



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TYPE II-FL

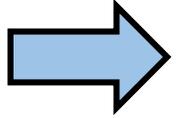
➔ Which Institutions?

- Botanic Garden Meise
- Flemish Institute for Biotechnology (VIB)
- Flemish Institute for Technological Research (VITO)
- Flemish School of Arts
- Flanders Make
- Flanders Marine Institute
- Flanders Heritage Agency
- Flanders Hydraulics Research
- Flemish Peace Institute



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TYPE II-FL



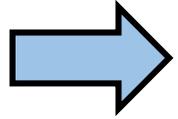
Who?

- **Principal investigator and co-supervisor:**
postdoctoral level with (permanent) remunerated
appointment to one of the listed TYPE II-FL institutions



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TYPE II-FR



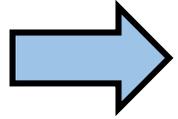
Which Institutions?

- Centre Wallon de Recherches Agronomiques (CRA-W)
- Institut de Recherches Jean-Marie Wiame (I.R.M.W.)
- Musée Royal de Mariemont



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TYPE II-FR



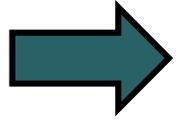
Who?

- **Principal investigator:**
postdoctoral level with permanent remunerated appointment to one of the listed TYPE II-FR institutions
- **Co-supervisor:**
postdoctoral level with remunerated appointment to one of the listed TYPE II-FL institutions



TYPE III

Official Federal Research Institutions



Which Institutions?

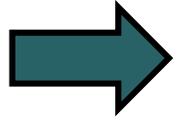
- State Archives of Belgium
- Royal Belgian Institute for Space Aeronomy
- Royal Belgian Institute of Natural Sciences
- Royal Institute for Cultural Heritage
- Royal Meteorological Institute of Belgium
- Royal Museum for Central Africa



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TYPE III

Official Federal Research Institutions



Which Institutions?

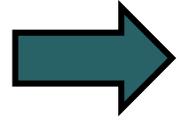
- Royal Library of Belgium
- Royal Museums of Art and History
- Royal Museums of Fine Arts of Belgium
- Royal Observatory of Belgium



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TYPE III

Assimilated Federal Research Institutions



Which Institutions?

- Veterinary and Agrochemical Research Center
 - Scientific Institute of Public Health
 - National Institute of Criminalistics and Criminology
 - Royal Military School
 - Belgian Nuclear Research Center
 - Von Karman Institute
 - Royal Museum of the Armed forces and Military history
- } Sciensano



TYPE III

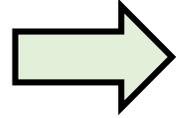
➔ Who?

- **Principal investigator and co-supervisor:**
postdoctoral level with (permanent) remunerated appointment to one of the listed TYPE III institutions



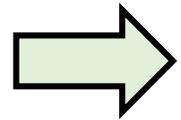
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TYPE IV



Which Institutions?

Foreign research institutions relevant for the EOS project



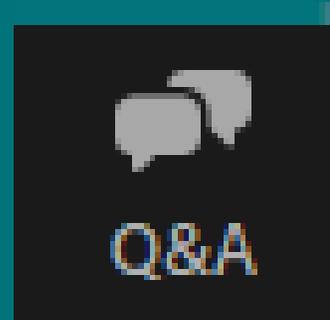
Who?

- **Principal investigator and co-supervisor:** postdoctoral level with a (permanent) remunerated appointment



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Q&A using



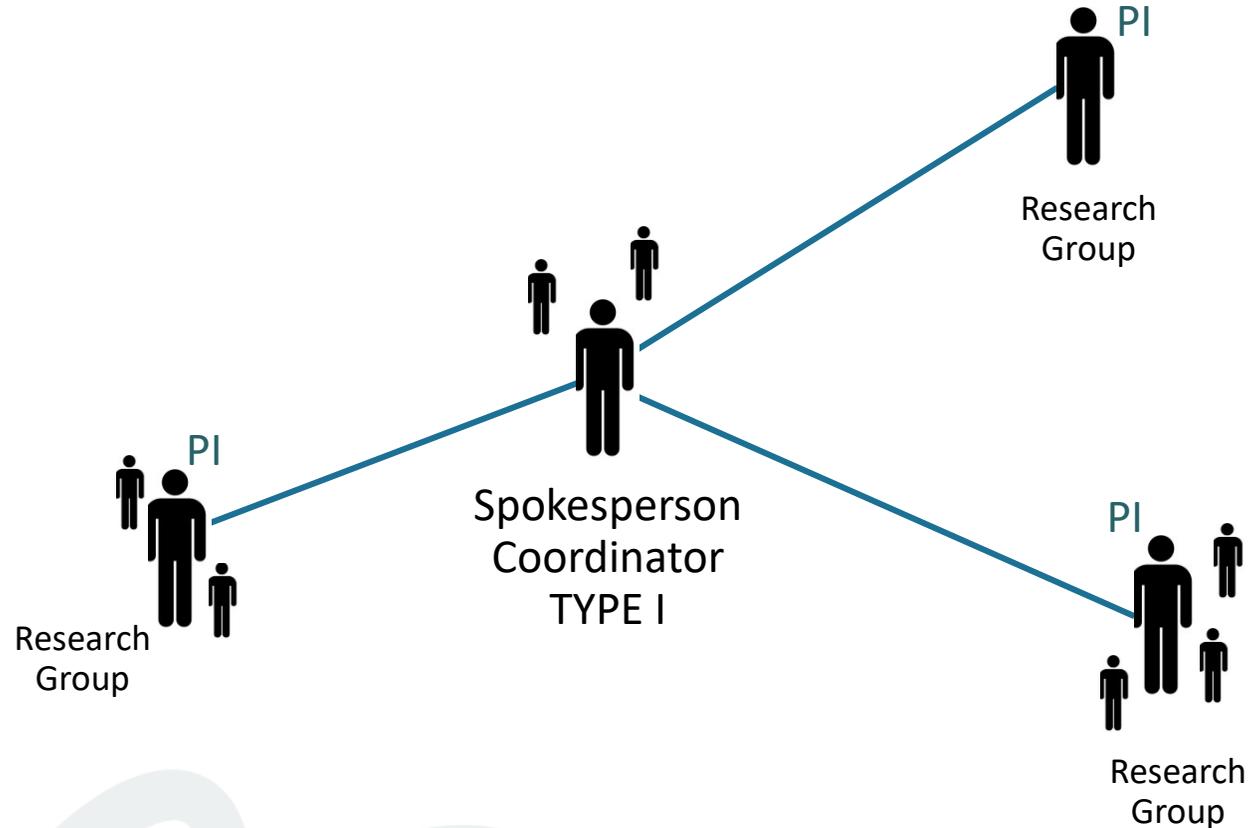
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Consortium



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General consortium structure



“Each research group may participate in only one EOS application within entire EOS call 2021”



Your name may only appear once in the current EOS call!

Resubmission

Not successful in previous EOS call? You can resubmit + indicate changes.

Successful in previous EOS call? You can apply in call 2021 as well:

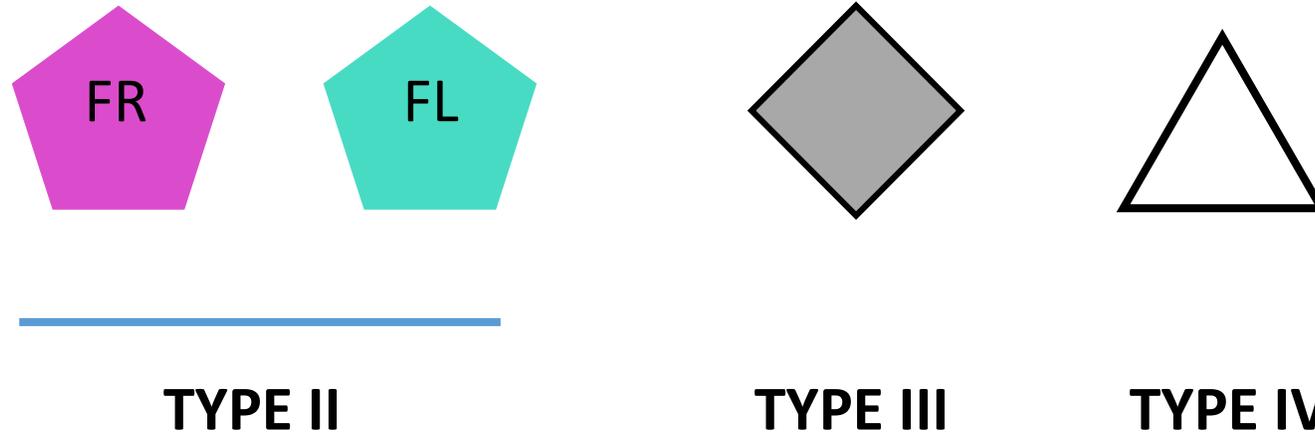
- **Explicitly indicate** in scientific section of full proposal if the current EOS submission builds on previously funded EOS project.
- New consortium is allowed. Please **motivate changes**.
- Intermediate report and initial 2017 EOS project application can be made available to final EOS panel members, upon their request.

Each consortium must:

- Include at least 2 **TYPE I** and max 6 **TYPE I** research groups
- Include at least 1 **TYPE I-FL** and 1 **TYPE I-FR** research group
- ~~Have a **TYPE I-FL** vs. **TYPE I-FR** balanced composition~~
- Recruit a PhD student in each community

Each consortium can:

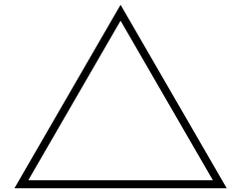
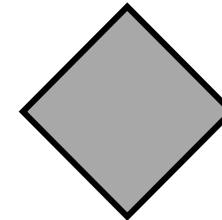
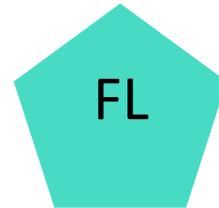
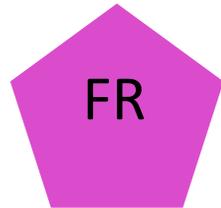
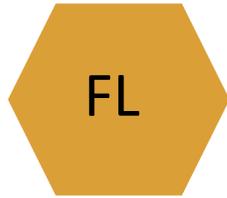
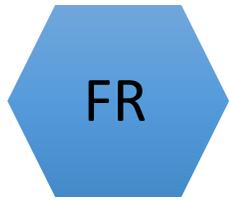
- Include up to 2 TYPE II, III or IV research groups



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Consortium building

Research groups



TYPE I

TYPE II

TYPE III

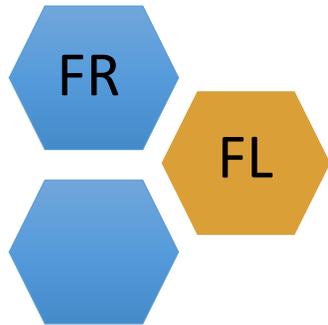
TYPE IV



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Consortium building

Combinations allowed
(also in EOS call 2017)



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Consortium building

Following combinations also allowed (call 2021), as long as budget limits are respected

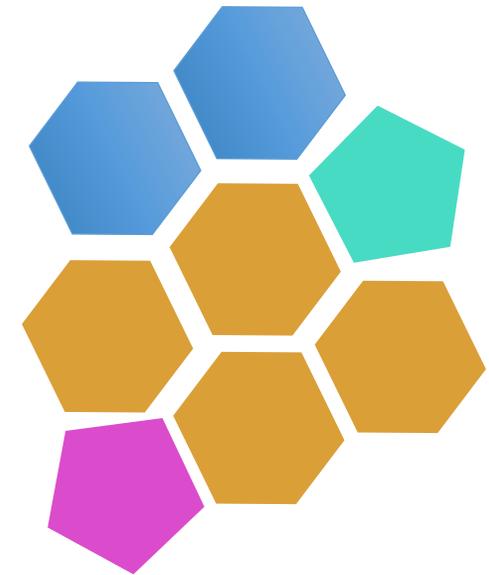
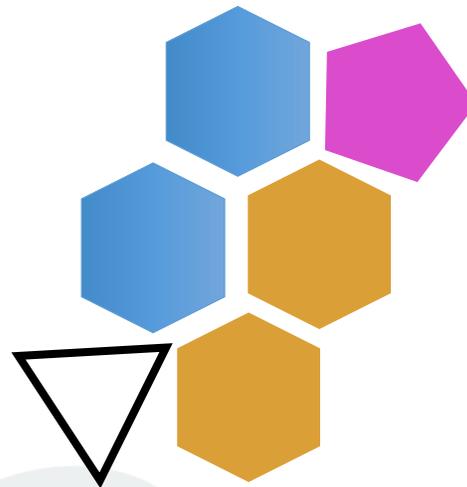
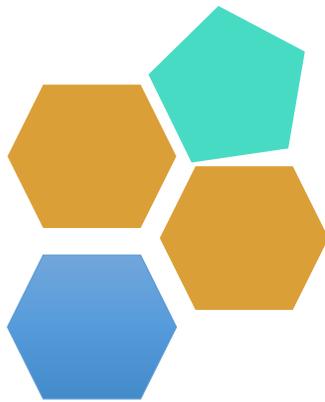
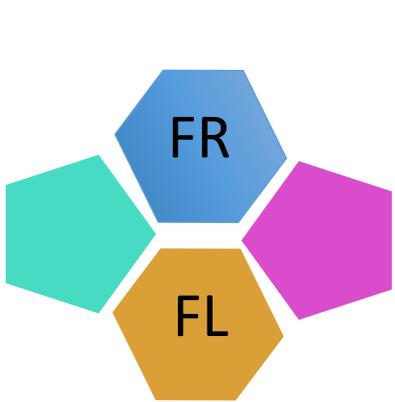
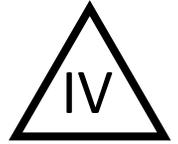
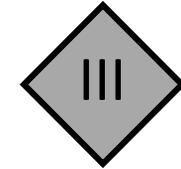
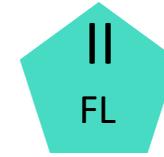
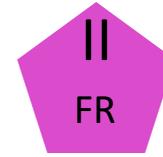
NEW: bilateral projects allowed!



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Consortium building

Each consortium can include max 2

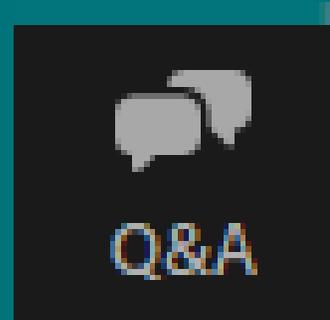


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Consortium building

The structure of applying consortia should be based on a **strong scientific rationale** and the teams should clearly demonstrate their **complementarity**

Q&A using



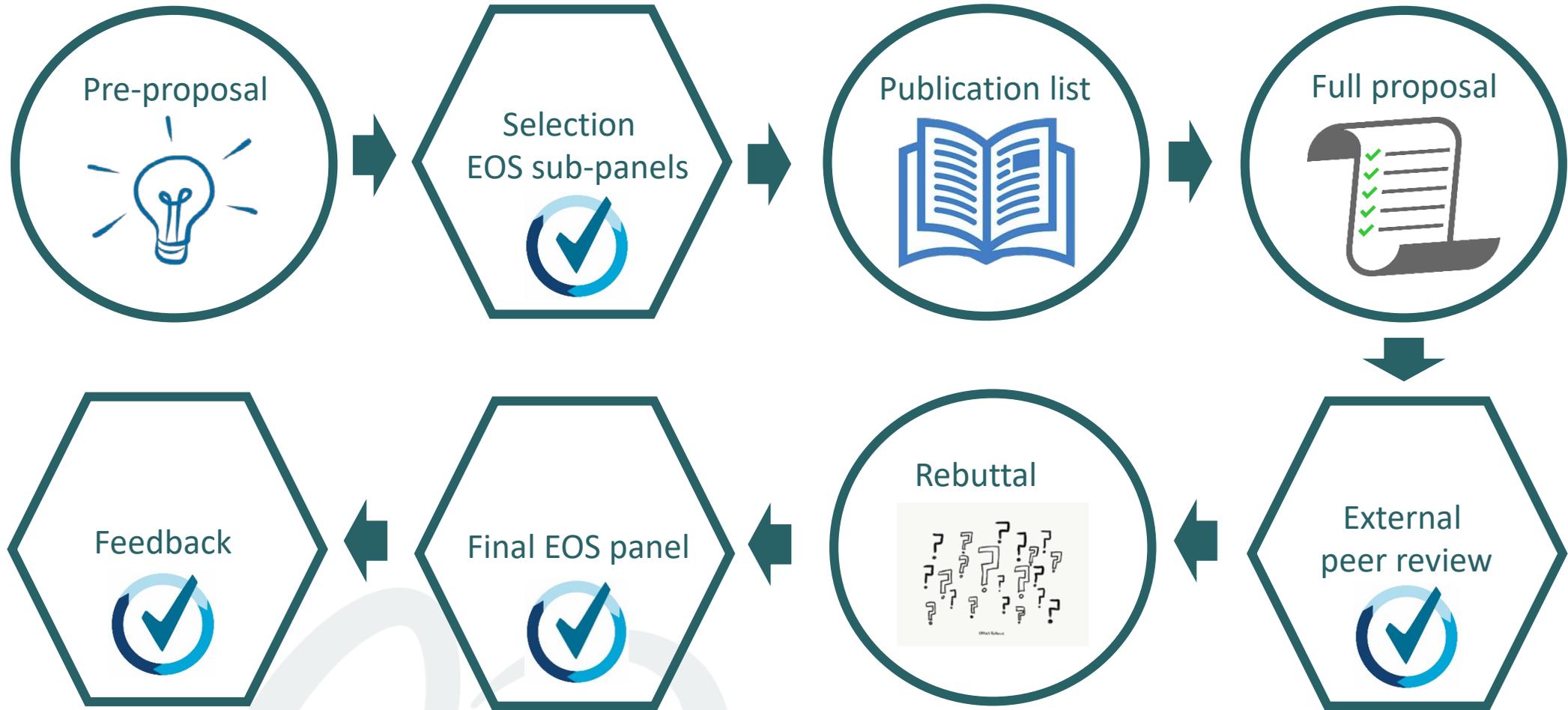
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Evaluation procedure



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Evaluation procedure





Pre-proposal: in general

- English
- Submission by spokesperson-coordinator (validation by all)
- Online platform (EOS-platform 2021: <https://eos.frs-fnrs.be>)
- Digital template
- Deadline: 23rd of February 2021 – 2pm CET

Pre-proposal: the form



Part 1

Consortium

1. Consortium administration (consortium composition)
2. Motivation of consortium (max 1.800 characters/research group)
3. Short scientific CV of all included researchers (template, including 5 main relevant pubs)

Part 2

Scientific content

1. Project title and Acronym
2. Research field(s) and keywords
3. Short summary in layman's terms (max 1.500 characters)
4. Scientific description of the project (template, max 3 pages including figures)
5. Choice of EOS sub-panel
6. General ethical aspects

Page limitation not respected = ineligible proposal

 = no longer modifiable in full proposal



Pre-proposal: scientific content

1. State of the art
 2. Main hypothesis
 3. Research approach & key methodological aspects
 4. Leap of knowledge: expected outcome and impact
 5. References
- Focus on what your project adds, what is novel.
 - Strictly up to 3 pages, including figures (template)

Evaluation of pre-proposal



- Free choice of EOS sub-panel (panel meeting: end April 2021)
 1. Life Sciences (BIO - MED)
 2. Exact Sciences (W&T)
 3. Social Sciences and Humanities (CULT - G&M)
- 18 international panel members
- Some degree of interdisciplinarity

Evaluation criteria pre-proposal



1. EOS Consortium (40%)

- Scientific capacity of individual participants
- Composition and motivation of the EOS consortium

2. EOS Project (60%)

- Proposed research idea
- Proposed research approach: methodological aspects and feasibility

Score grid available online

Evaluation: non formal criteria



In case of ex-aequo only

- The involvement of junior research groups (less than 10yrs postdoc seniority)
- The gender balance among investigators
- Interdisciplinarity of the research project

Success rate pre-selection



- Max 80 EOS consortia can submit full proposal.
- All 3 EOS sub-panels apply a common success rate (applied on the amount of submitted projects per sub-panel).
- In order to allow balanced representation of fields in second evaluation step (full proposal).

Example:

of eligible pre-proposals:

120

100

150

In total: 370 pre-proposals

3 EOS sub-panels:

SSH

ES

LS

Success rate = 21,6%

of full proposals allowed per EOS sub-panel:

26

22

32

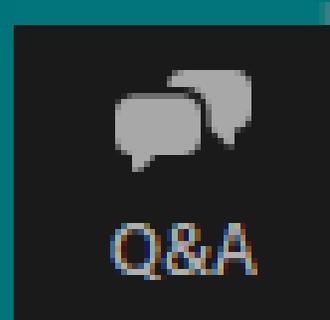
Allowed full proposals: max 80



Submission publication list

- Notification of success in first selection step on 23 April 2021
- Submit full publication list within 7 days after notification (3 May 2021)
- Responsibility of each co-participant
- Through online platform (EOS-platform 2021: <https://eos.frs-fnrs.be>)
- Administrative reason: identification of external peer reviewers
- Still possible to update list for full proposal (by 7 July 2021)

Q&A using



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Full proposal: in general



- English
- Submission by spokesperson-coordinator (validation by all)
- Online platform (EOS-platform-2021: <https://eos.frs-fnrs.be>)
- Digital template
- Deadline: 7 July 2021 – 2pm CET

Full proposal: the form

Full proposal



Part 1 Consortium

1. Consortium administration
2. Motivation of consortium (max 1.800 characters/research group)
3. Consortium management (template, max 5 pages, including figures)
4. Short scientific CV of all included researchers (template, including 5 main relevant pubs)
5. Full bibliography
6. Consent forms (template)

Part 2 Scientific content

1. Project title and Acronym
2. Research field(s) and keywords
3. Short summary in layman's terms (max 1.500 characters)
4. Scientific description of the project (template, max 15 pages including figures)
5. Data management plan
6. Ethical questionnaire

Part 3 Budget

1. Requested budget and motivation (staff, consumables, equipment, coordination)



Full proposal: scientific content

- State of the art
- Objectives & research hypothesis
- Methodology
- Work plan and timetable
- Contingency plan
- Bibliographical references
- Science communication and outreach activities

Full proposal: consent

- A standard consent is needed for **all included researchers**. Electronically within the submission procedure.
- Each included **host institution** gives its consent for the following actions:
 - to all other researchers to access their premises
 - the execution at their premises
 - use the equipment provided
- **For TYPE I**: digital consent requested after submission (by 14 July 2021)
- **For TYPE II, III and IV**: a standard consent form to be uploaded in online EOS platform by spokesperson-coordinator (by the deadline; the 7th of July)

Evaluation criteria full proposal



Researchers

- CV & publications
- International recognition
- Main research achievements

Project

- Feasibility & focus
- Methodology
- Originality

Score grid available in due time

Evaluation criteria full proposal



Consortium

- Scientific justification for the involvement of each research group
- Collaboration, coordination and communication among the groups
- Work management
- Complementarity/synergy of the research groups and their expertise

Evaluation: non formal criteria



In case of ex-aequo only

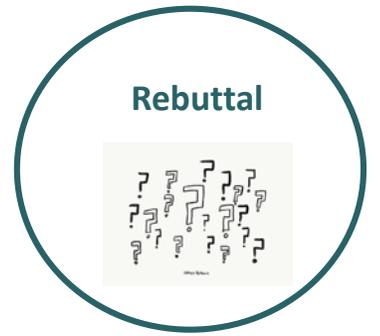
- The involvement of junior research groups (less than 10yrs postdoc seniority)
- The gender balance among investigators
- Interdisciplinarity of the research project

Evaluation of full proposal



- First evaluation step full proposal: **external peer review**
- In principle 4 on-topic international experts
- Grade each evaluation criterion
- Regulations to prevent COI
- Each EOS consortium (as a whole) may list 3 undesired experts

Rebuttal



- Receive peer review reports on 11 October 2021
- Submit rebuttal by 18 October 2021
- Factual mistakes
- Respect page limitation (max 2 pages, including figures)
- Online platform (EOS-platform-2021: <https://eos.frs-fnrs.be>)

Evaluation of full proposal



- Final EOS panel (end November 2021)
- Interdisciplinary high-level panel
- 18 international experts
- Assess full EOS proposal, rebuttal and peer review reports
- Binding ranking and budget allocation
- Ratification by both FWO and FNRS Board

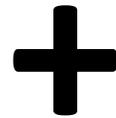
Feedback



A few months after the final results, you will receive:



**Full feedback from
external reviewers**



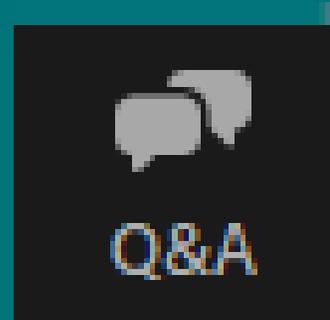
**Full panel
Consensus report**

For those not successful in the preselection:
You will receive evaluation report by EOS sub-panel
After finalisation of entire evaluation procedure



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Q&A using



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Budget



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Budget: basic figures

- ~~450.000~~ 1.000.000 € / year / EOS project
- Minimum 120.000 € / year / EOS TYPE I research group
- Maximum 700.000 / year / institution
- The cumulative budget of TYPE II, TYPE III and TYPE IV for the whole duration of the EOS project cannot exceed 10% of the total project budget

Budget: the balance mechanism

The use of a **20%** balance mechanism aims at **optimizing** the number of funded consortia by **limiting the budget asymmetry** between the two communities

$\text{TYPE (I + II) FL} \neq \text{TYPE (I + II) FR} \leq 20\%$
of total consortium budget

Cost categories: Staff

- Scientific and technical employees
- Real costs (or best estimate)
- Employment contract or grants (plus social security taxes)
- Remunerated PI's and co-SV cannot be paid on EOS project
- Transfer of staff to consumables and vice versa
- Up to **2** year after the end contract date for staff costs
- Code of conduct for the recruitment of research staff

Cost categories: Consumables

- For execution EOS project
- Small equipment up to 20.000€
- Maximum 5% of total EOS budget for coordination costs only to Coordinator-spokesperson
- Travel costs
- Open access costs
- Up to 2 years after the end of the project

Cost categories: Equipment

- For execution of EOS project
- Max 150k€/TYPE I, II or III research group/EOS project
- Max 300k€/EOS consortium
- No equipment for TYPE IV
- No costs accepted after end date of EOS project

Budget: overhead

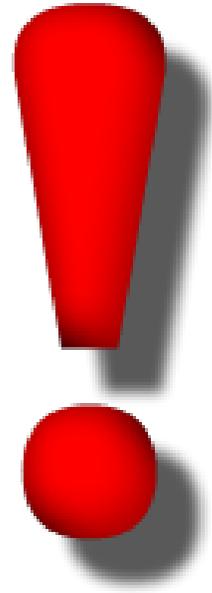
For TYPE I, II and III host institution:

- Overhead will be paid to institutions
- Researchers should not apply for this in EOS application
- Request effective costs in EOS application

For TYPE IV host institutions:

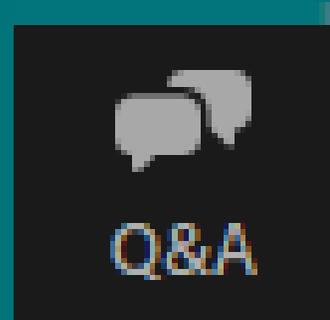
- Overhead can be requested in EOS application
- Will be paid through TYPE I institution of spokesperson-coordinator by subcontracting

Budget justification



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Practical issues



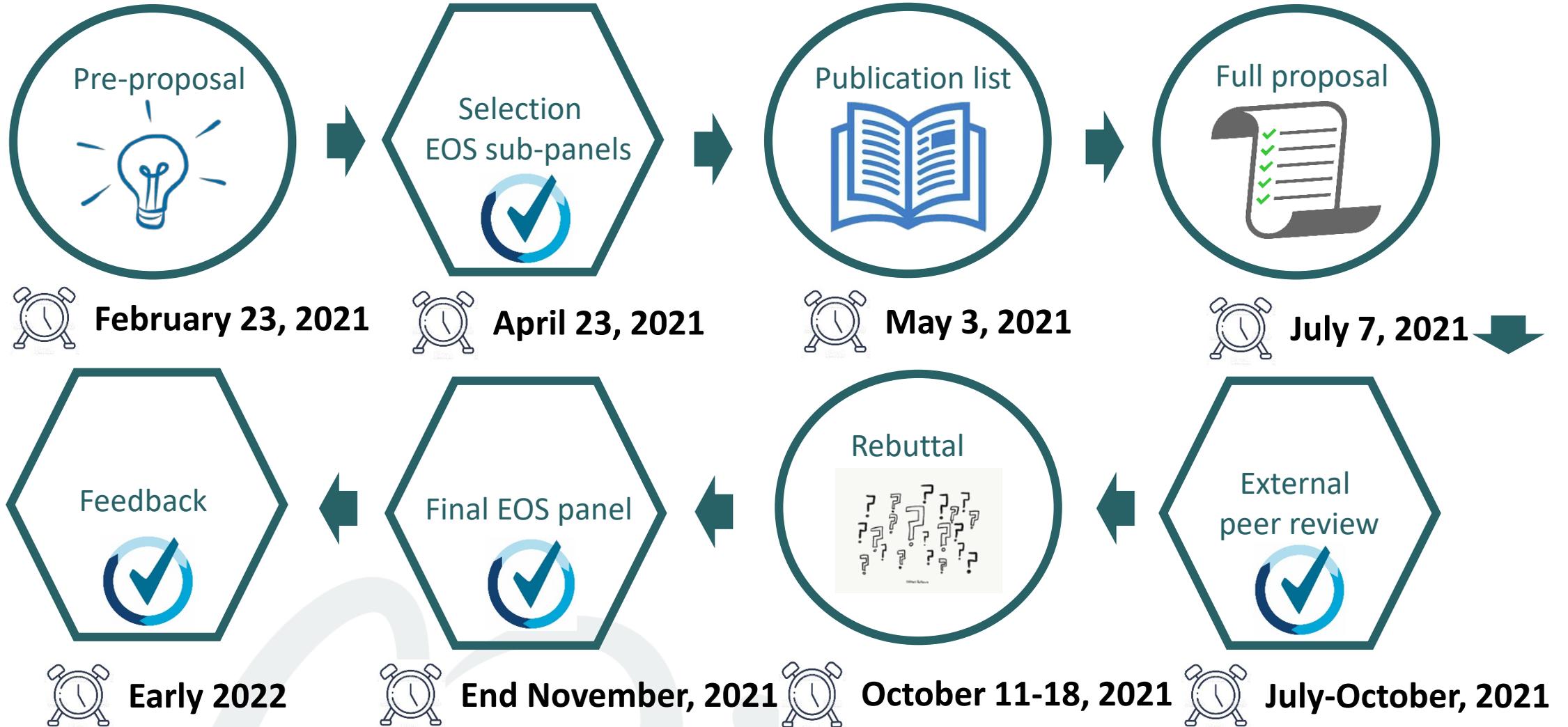
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Ethical & Integrity issues



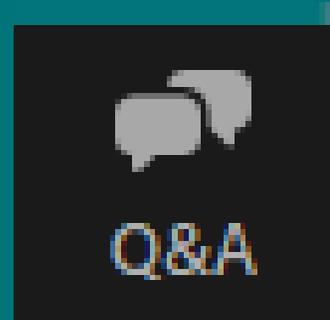
- National, European and International law should be respected
- Ethical appraisal procedure in application
- Ethical commission of host institution(s)
- Project can only start with positive ethical advice
- Attention for research integrity:
 - In EOS evaluation procedures
 - In execution of EOS projects

Timing 2021



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More info

- Website: www.eosprogramme.be
- General inquiries: eos.helpdesk@frs-fnrs.be and eos@fwo.be





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