



Kick-off meeting of the

Belgian Reproducibility Network @ ULiège

14 December 2023

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Reproducibility?

(enhancing) Quality of research (and reporting)



* “Reproducibility” is used as an umbrella term, encompassing also concepts like replicability, robustness, transparency, open science research practices and responsible research practices in general.



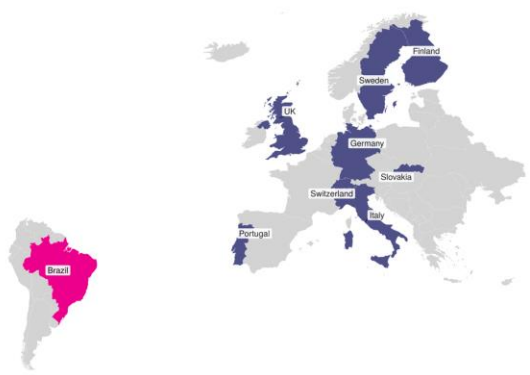
International network



BRAZILIAN
REPRODUCIBILITY
INITIATIVE

RECHERCHE REPRODUCTIBLE

réseau de la recherche reproductible



International network

December 2021 - Statement 1.0

= a strategic community effort to promote transparent and trustworthy research practices in the academic research system

- recognizes the need to **constantly evaluate and improve research practices** with the aim to conduct research of the highest quality and embedded within a collaborative and transparent research culture
- recognizes the need for **flexibility**; different disciplines, institutions and countries will face different challenges and have different needs
- Reproducibility Networks are **all structured along broadly similar lines** to facilitate this coordination function, whilst **allowing national and local flexibility**

*Chance of **Horizon funding** for European network of national Reproducibility Networks*

Mission – ambitions

The Belgian Reproducibility Network is a **cross-disciplinary, peer-led network** of researchers, aiming to *promote and support* rigorous, reproducible research practices in Belgium, by ...



... **supporting and advising researchers** with regards to their questions and needs concerning questions of replicability, transparency, and accessibility;



... **collecting and sharing materials** and information across institutions and disciplines;



... supporting existing and the creation of new **training activities** related to reproducible research practices;



... engaging in dialogue and collaboration with research institutions, funding bodies, academies and other scientific organisations and stakeholders, aimed at **promoting reproducibility**;



... learning from and with other RNs, as part of the **international network** of RNs.

The Reproducibility Network can take up **future missions and actions** pertaining to reproducibility in Belgium, according to the dynamics of science and the cross-disciplinary nature of the Network.

Suggested structure

inspired by international examples



Advisory Board



University groups
 Local nodes

+ website
 + material sharing platform



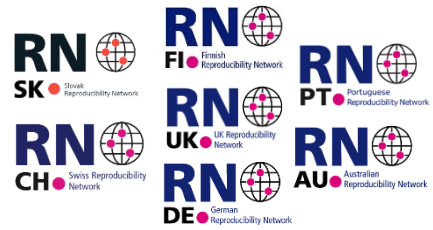
National Board
 Steering Group



Stakeholders



Initiatives
 Also on lab or department level



International
 network of RN's



National steering board (current)

...but looking for “fresh blood” !



Julia
Eberlen
ULB



Patrick
Onghena
KU Leuven, KVAB



Christophe
Phillips
ULiège



Roos
Vandembroucke
UGent, VIB, JA

Belgian RN so far...

Doodling, meeting, talking ...

Mission statement delineating scope of Be-RN

Website (www.reproducibilitynetwork.be + some other domain names)

Twitter channel (@belrepro)

Survey to map landscape & people

International Networking HORIZON-WIDERA-2024-ERA-01-09

How to go from here?

Enlarge capacity!



What do we expect?
Get involved...

Belgium: Representative Board

Per university:

- Self-organizing **local node**
- Local node chair = contact person
- Various profiles & fields:
scientists, academics, students
& postdocs, librarians, IT & lab
staff,...
- Activities:
plan new ones & communicate
on existing ones!

Thank you for your attention...
and let's do it!