Open Science to Increase Reproducibility in Science

1/1/2023 – 31/12/2026

GOALS

- Identify effective (open science) interventions that increase reproducibility of research
  - Understand drivers & barriers
- Develop and test interventions to improve reproducibility for researchers & institutions
  - Dashboards of indicators
- Develop and evaluate systems for reproducibility compliance for publishers & funders
- Co-create, design and user-test training resources

METHODS

WP2	WP3	WP4	WP5
Drivers, barriers and facilitators for reproducibility of research	Interventions to improve reproducibility for researchers and institutes	Interventions to improve reproducibility for funders and journals	Training and guidance

OSIRIS will investigate, trial and implement interventions to improve reproducibility in science.

TIMELINE

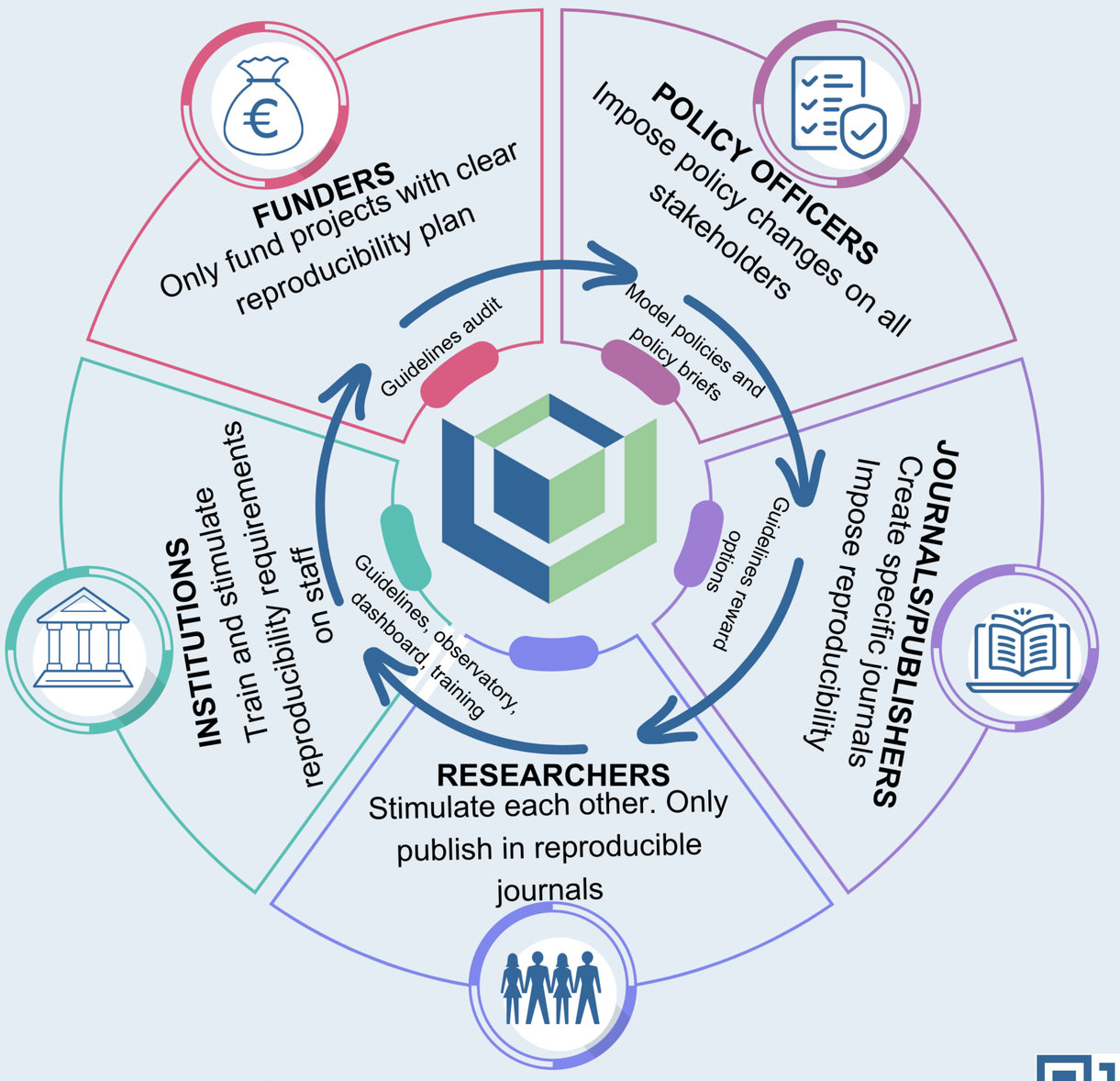
01
- Scoping review
- Evidence mapping
- Interviews with researchers
- Reproducibility checks
- Focus groups with stakeholders
- Develop interventions
- RCTs of interventions with researchers
- Test interventions with funders

02
- Test interventions with journals
- Observatory / dashboard of reproducibility indicators

03
- Co-create & user-test training resources

04

OUTCOMES, ENGAGEMENT & IMPACT



Overview of OSIRIS outcomes, engagement, and impact pathways towards the different stakeholder groups

OUTCOMES FOR RESEARCH INTEGRITY

- Observatory dashboards with reproducibility indicators for researchers & institutions
- Guidelines for tested reproducibility solutions for various stakeholders
- Evidence-based reproducibility training resources
- Model reproducibility policies

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