OpenUP Open Science Pilots

Designing innovative peer review and dissemination pilot studies

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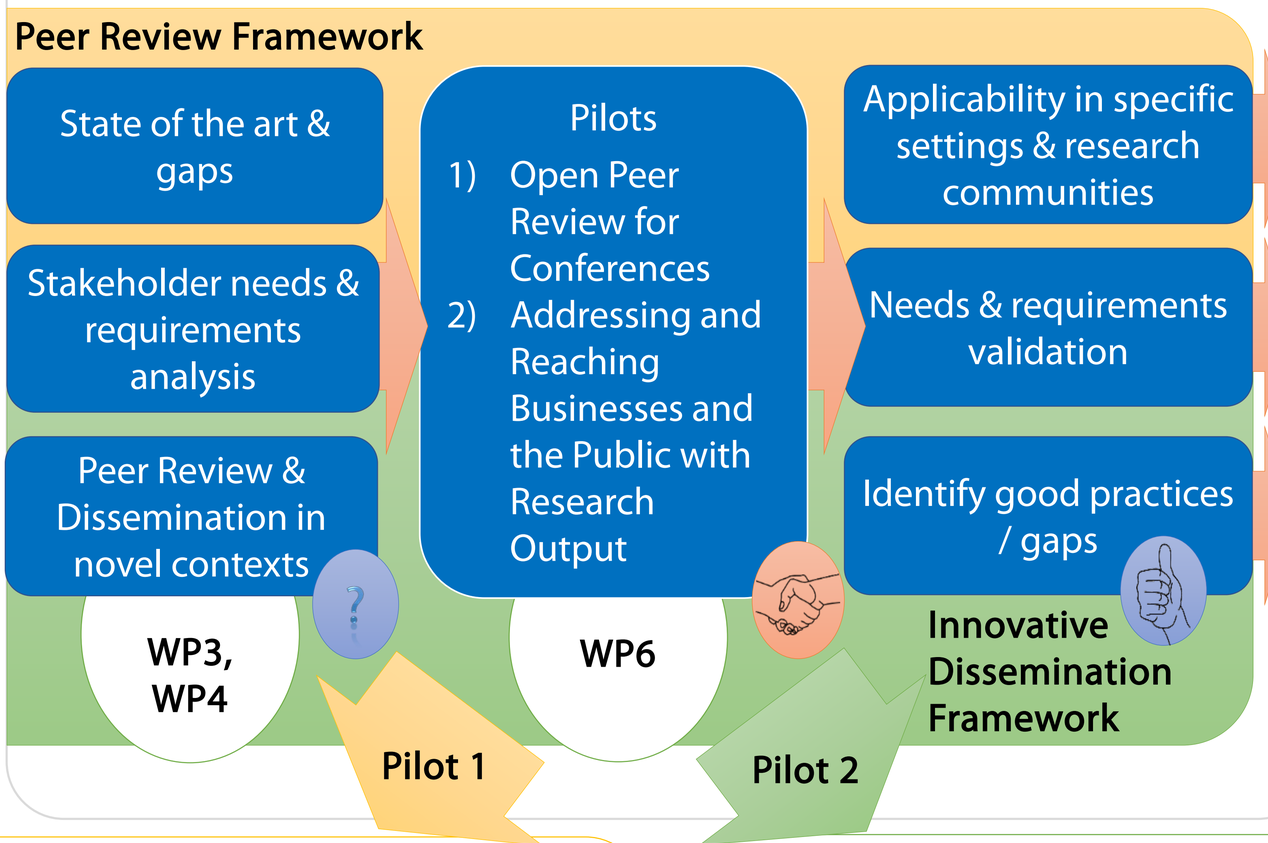
THE OPENUP PROJECT

The review-disseminate-assess cycle involves different stakeholders: researchers, publishers, research institutions, funders, private companies, industry, and citizens.

OpenUP will implement a series of hands-on pilots to validate OpenUP's proposed open peer review, innovative impact indicator and dissemination frameworks. The pilots will be carried out in close cooperation with selected research communities from arts and humanities, social sciences, life sciences, and energy.

OVERVIEW



EXPECTED IMPACT

OpenUP will evaluate the practicability of the identified frameworks in particular settings. It also intends to create and disseminate success stories, best/good practices, and policy recommendations, which will help further communities to implement working Open Science approaches in their research evaluation and communication strategies.

Website: openup-h2020.eu
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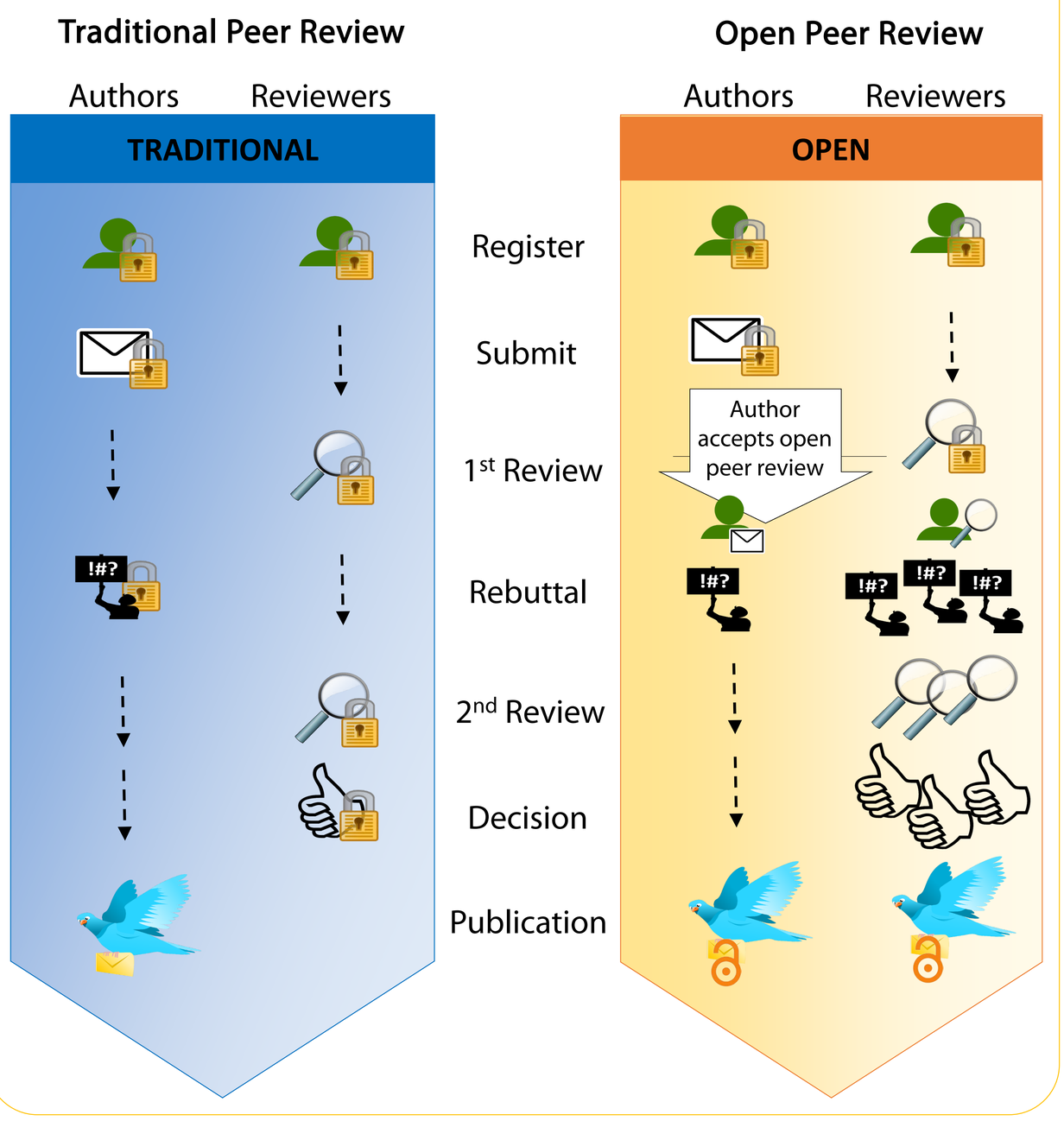
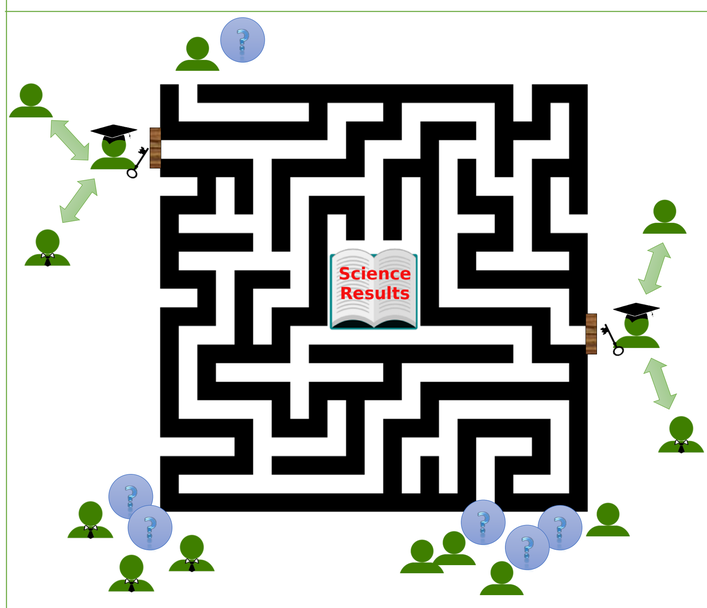
1) OPEN PEER REVIEW FOR CONFERENCES



2) REACHING BUSINESSES AND THE PUBLIC WITH RESEARCH OUTPUT

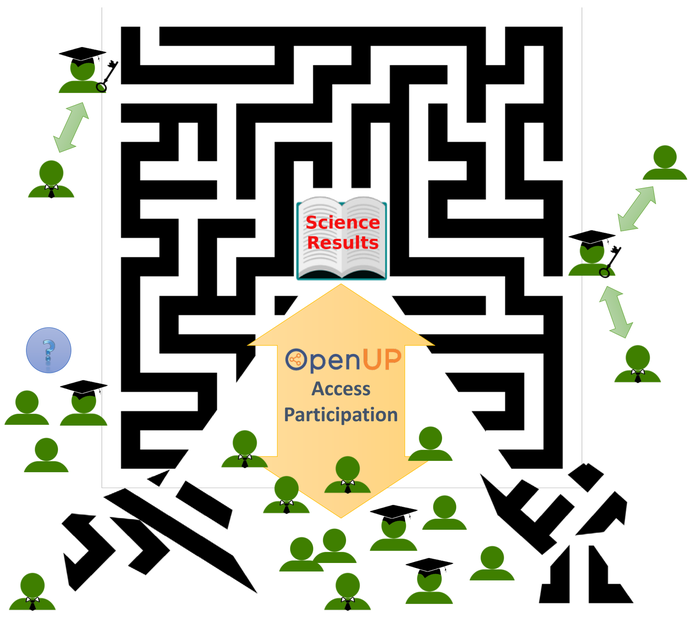


Current Science Dissemination

Researchers are the gatekeepers of scientific information. Dissemination of science results to businesses and the public happens through traditional channels. The vast majority of business and public stakeholders do not have direct access to science information.

Open Science Dissemination

Researchers are enablers of communication of science results. Additional access and participation to science is enabled by communication of science via appropriate channels. Business and public stakeholders can profit from accessible, useful, understandable, and re-usable science information and data.



OBJECTIVES PILOT 1

Improve Quality Assessment
- Reduce impact of low quality or biased reviews
- Allow higher number of reviewers and experts

Add Incentives for Reviewers
- Effort and work by individual reviewers is visible
- Reviews are citable

Increase Transparency
- Reviewer comments are openly accessible
- Publicly documented decision process

Enable Early Access
- Discussions and networking prior to conference
- Papers accessible earlier
- All reviews accessible

OBJECTIVES PILOT 2

Map existing and alternative forms, formats, and channels of open science communication

Explore how targeted audiences (businesses, general public) can be best reached via these channels
- Elicit stakeholders' requirements and expectations towards useful and appealing communication of science results
- Actively involve energy research community projects beyond OpenUP
- Apply communication standards and channels to energy area
- Evaluate the impact and resonance at the targeted audiences

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