WHY: Open Review is a vital aspect of open science
AIM: Use OpenAIRE infrastructure to seed experimentation
METHOD: Fund small rapid-prototyping projects to:
- Investigate how open review might integrate with OpenAIRE
- Provide case studies for wider evaluation
- Encourage technological experimentation

Open Peer Review can

Increase
- Accountability
- Reusability
- Incentive
- Quality
- Speed

Reduce
- Bias
- Elites
- Wasted effort
- Fraud / Fake Reviews

Enrich Existing Infrastructures
- OPR plug-in for (DSpace) repositories to convert them into functional evaluation platforms
- Enables the peer review of any research work deposited in a repository (incl. publications, data, code)
- Includes open reviews, disclosed identities, reviewer reputation system
- Complete open source code, with full documentation now on Github: https://github.com/arvoConsultores/Open-Peer-Review-Module

From Blogs to Publications
- Collaboration with the environmental sciences journal Vertigo
- Using the blog platform hypotheses.org for open review
- Using hypothesis for open commentary
- Treating open review as a social rather than a technological problem
- Human mediation to:
  - Find reviewers and commentators
  - Explain processes and technical aspects
  - Advise authors and referees
  - Help maintain cordiality in debate

Incentivizing Post-Publication Peer Review
- Make "journal club" post-publication peer reviews public
- Elevate reviews to the same level as original research
- Make them citeable (through assignment of DOIs)
- Preserve them for the long-term (via CLOCKSS)
- Measure impact via article-level metrics
- Investigate integration with Zenodo
- Use the open-source tool Terrier to retrieve metadata

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