

A Crowdfunding Mechanism for Replication Studies

Philipp D. Koellinger^{1, 2, 3}, Sina A. Iman², Leonie R. J. Raijmakers²

¹Vrije Universiteit Amsterdam, ²DeSci Labs, ³DeSci Foundation

Introduction :

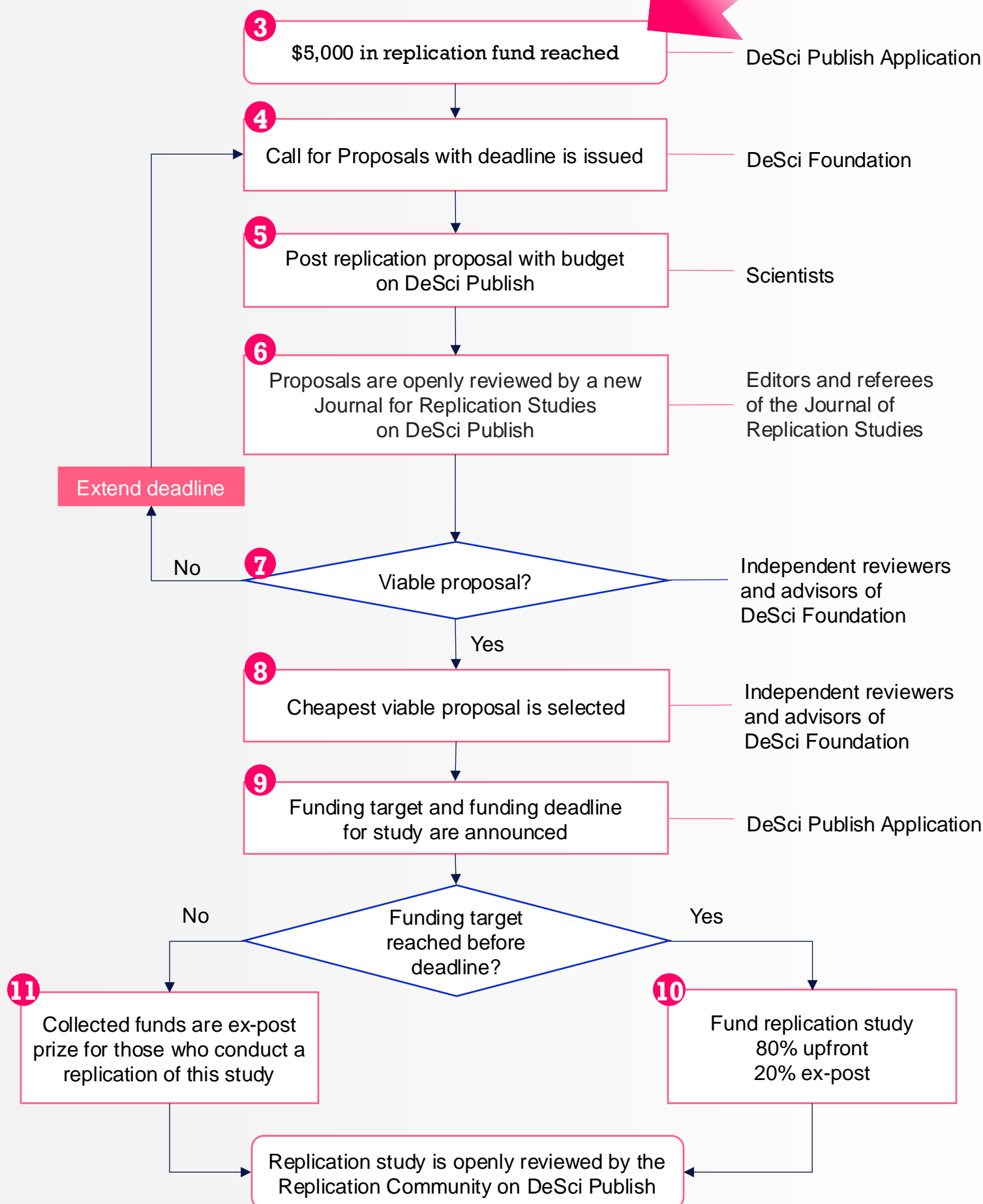
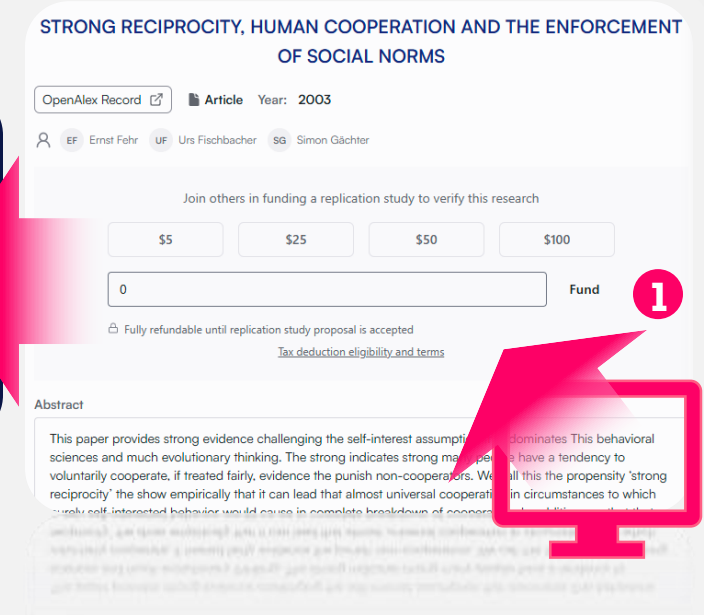
Independent replication studies are essential to the scientific method. Yet, they are difficult to publish, often underfunded, and there is no effective, public system to prioritize which studies should be replicated.

We will launch a public crowdfunding mechanism for replication studies on DeSci Publish. Thanks to our search engine and full integration with OpenAlex, people will be able to start replication pools for >250m publications.

Total: \$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$

2

\$\$\$\$\$\$ \$\$\$\$\$\$ \$\$\$\$ \$ \$



Method:

- 1 DeSci Publish enables users to fund replications for >250m publications.
- 2 All studies that received replication funds will be displayed on a website, along with total funds contributed, number of funders, and project status.
- 3 Once a \$5000 threshold is met, a call for proposals for a replication study is issued.
- 4
- 5
- 6 Independent experts will review the proposals and select the most cost-effective and viable analysis plan.
- 7
- 8
- 9 Based on their selection, the funding goal and deadline for the replication study are announced on the platform.
- 10 If the funding goal is reached within the deadline, the selected proposal receives 80% of the funds upfront, with the remaining 20% disbursed after the results are published and evaluated on the platform.
- 11 If the goal is not reached, the collected funds are converted into a prize. This prize can be claimed by anyone who completes a high-quality replication of the study, as validated by independent experts.

What can you do?

1. **Apply to become an editor/referee** for the new Journal of Replication Studies! The DeSci Foundation will pay \$100 for evaluating an analysis plan or a replication study in less than 3 weeks. QR code below.
2. **Play a part in developing better open science tools:** Try out DeSci Publish and give feedback! QR code below.



Supporter Sign-up Form



<https://nodes.desci.com>
DeSci Publish App

www.desci.com
info@desci.com

