

DeepGreen – Open Access Transformation in Practice

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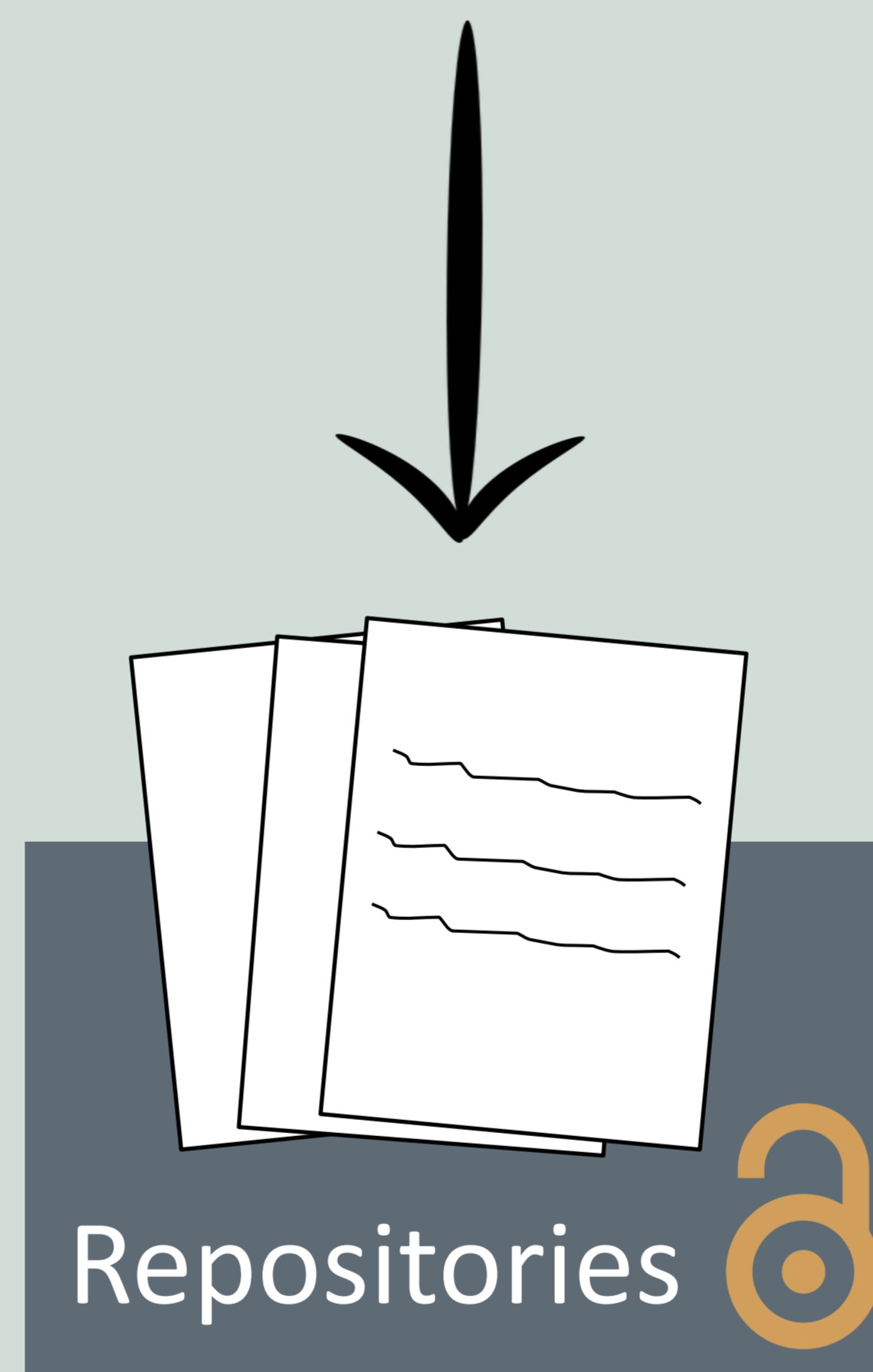
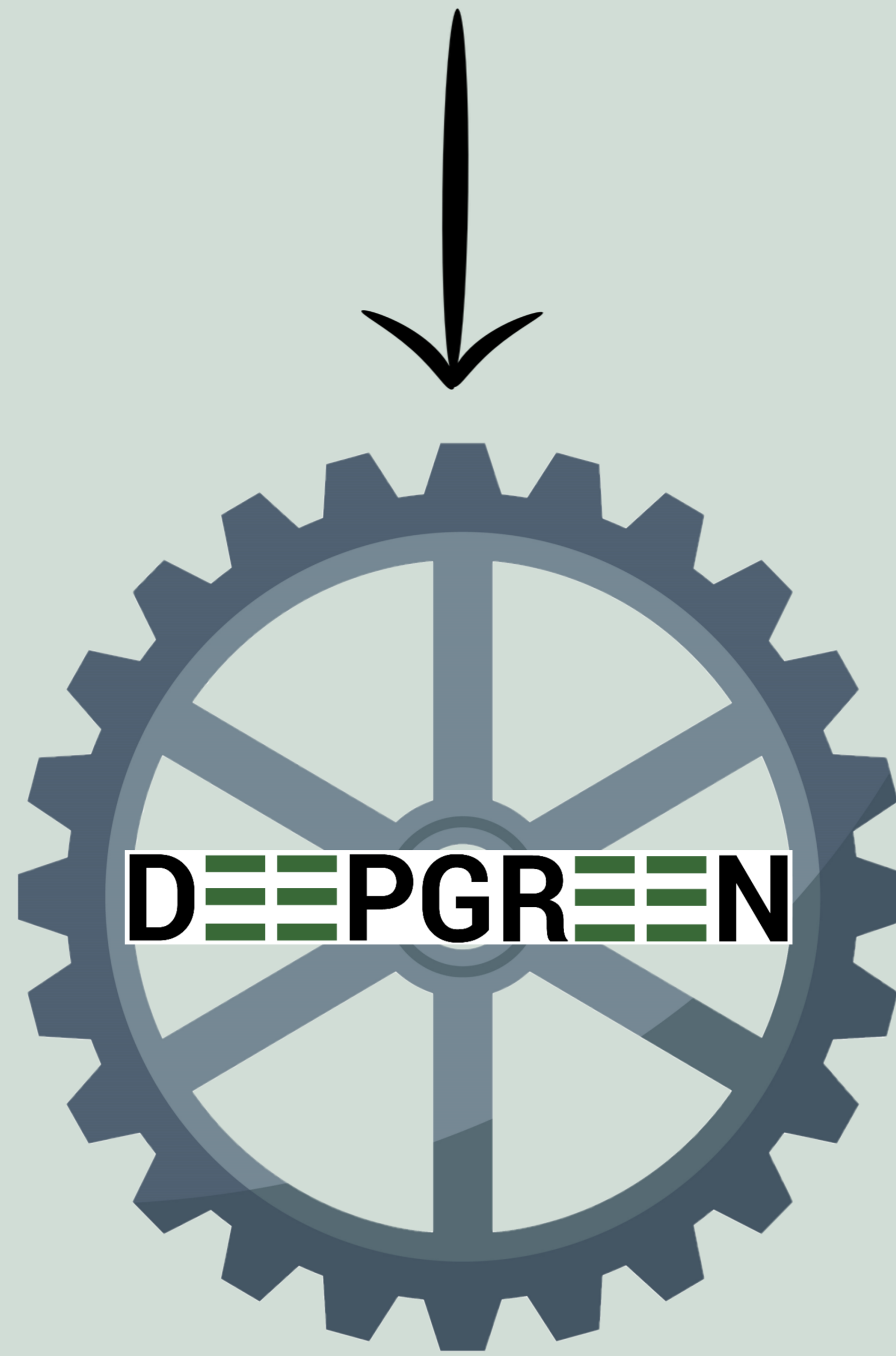
<https://deepgreen.kobv.de> | Twitter: @oa_DeepGreen

Aim and Scope

- DeepGreen automates the process of transferring scholarly publications into open access repositories
- Providing an innovative technological approach that reduces the effort required of authors and libraries
- DeepGreen focuses on Alliance Licenses and gold open access
- Alliance Licenses: Authors of institutions with Alliance Licenses can publish their article open access after a short embargo period

Technical approach

1. Publishers deposit publications and metadata (sFTP, SWORD v1/v2, DeepGreen-API)
2. DeepGreen router matches affiliations in publisher metadata with participating repositories
3. Router delivers publications and metadata to qualified repositories via defined interfaces (OAI-PMH, SWORD v1/v2, DeepGreen-API)



Background

- Legitimated authors and libraries in Germany rarely use their open access rights due to high costs and effort associated with researching and manually archiving the articles in question

Benefits for repositories

- Exploitation of existing legal options (open access component in Alliance licenses)
- No need to manually determine articles authorised for open access publishing
- Increased amount of open access publications in repositories

Cooperation with publishers

- Since 2016: S. Karger and SAGE Publications
- Since mid 2017: BMJ, Walter de Gruyter, MDPI

Publications

- Goltz-Fellgiebel, J.A., Putnings, M. (2019): Open-Access-Transformation mit DeepGreen: Gemeinsam den (grünen) Schatz heben. *o-bib: das offene Bibliotheksjournal*, 6 (1), 1-11. <https://doi.org/10.5282/o-bib/2019H1S1-11>
- Koch, T., et al. (2018): DeepGreen – Open Access Transformation Etablierung und Weiterentwicklung rechtssicherer Workflows zur effizienten Umsetzung von Open-Access-Komponenten in Lizenzvereinbarungen für wissenschaftliche Publikationen. *ZIB-Report*, 18-39. <http://nbn-resolving.de/urn:nbn:de:0297-zib-69612>.
- Scheliga, K., Goltz, J., (2017): DeepGreen: Open-Access-Transformation, ZBW MediaTalk. <https://www.zbw-mediatalk.eu/2017/06/deepgreen-open-access-transformation/>
- Christof, J., et al. (2016): DeepGreen - Entwicklung eines rechtssicheren Workflows zur effizienten Umsetzung der Open-Access-Komponente in den Allianz-Lizenzen für die Wissenschaft. *ZIB-Report*, 15-58. <http://nbn-resolving.de/urn:nbn:de:0297-zib-56799>.

Source: Business vector created by rawpixel.com - www.freepik.com

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