

# Open Repository Developed into Full Service platform for Open Publishing – The Case of 25 Universities of Applied Sciences in Finland

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The Theseus Open Repository poster presents a model where an open repository meets requirements of publication services and long-term preservation. The aim is to show a full publication service platform of 25 Universities of Applied Sciences (UAS) which will integrate an open repository into a current research information system (CRIS) and a digital long-term preservation (DP services). The model provides also resource saving centralized user support with common instructions. Therefore it is unique nationally as well as internationally regarding size both as a collaboration with all Finnish UASs and as an integration of publishing processes.

In 2009, Finland's UASs launched an open repository Theseus for theses and research publications. Currently it has nearly 150,000 Bachelor's and Master's theses, which makes it the biggest open repository in Finland. Nevertheless, the self-archiving of research papers has not started on a full scale yet. At the same time the reporting of publications to the Ministry of Education is being done in a time consuming way without any CRIS. Accordingly, the long-term preservation and archiving required by legislation has great variation and is mostly organized in printed format. Our new model of Theseus is to meet these needs.

By the year 2020 Finnish universities are required to publish 100% open access. To help UASs reach this goal, Theseus will launch a current research information system (CRIS) to accompany the self-archiving of research papers into the Open Repository in the same workflow. When a writer is reporting his article to the University, he will upload the final draft to the system at the same time and the report will reach both Theseus and the Ministry of Education. The integration of a CRIS to the open repository will save resources by uniforming the processes and help report publications to the Ministry. This will presumably lead to growing numbers of self-archiving as well.

As a part of Theseus reform, the UAS theses will be carried forward to the National digital preservation services (DP services). In addition, we are developing a new way to manage the publicity of uploads. Some graduates do not want to openly publish their thesis on the Internet. To meet these requirements, we are developing a dark archive with delimited access from defined IP-addresses and specified levels of publicity. Furthermore, the connection to the DP services will meet the requirements of an operative e-archive described by the National Archives System in Finland and provide a transfer to long-term preservation by the National Library of Finland.

The model on the poster for full Service platform for open publishing includes user roles and workflows. The model is resource saving and it will reorganize publication, publicity issues, archiving and reporting in UASs of Finland as well as it effectively promotes open publishing in Finnish UASs. The extended service will be launched early in the year 2019.