

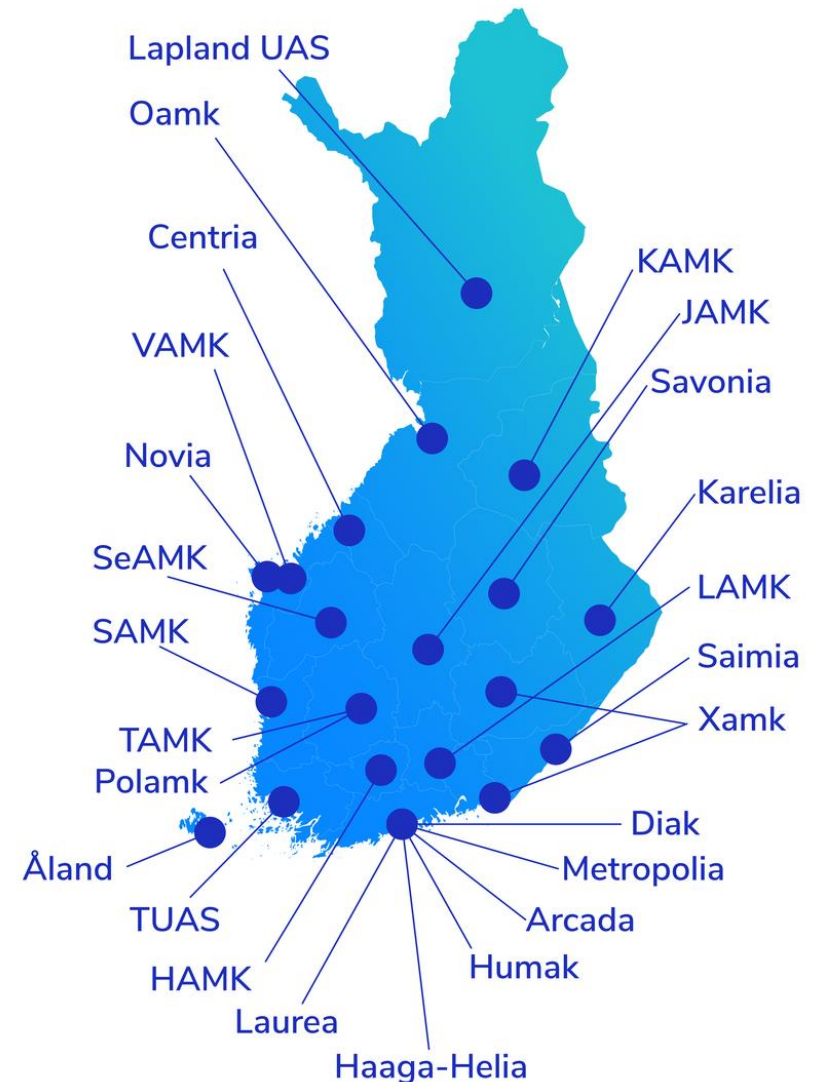
# Developing an Open Repository into Full Service platform for Open Publishing

The Case of 25 Universities of Applied Sciences in Finland

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# What is Theseus?

- ▶ In 2009, Finland's Universities of Applied Sciences (UAS) launched an open repository Theseus for their theses and research publications.
- ▶ Currently Theseus has nearly 160,000 Bachelor's and Master's theses, which makes it the biggest open repository in Finland.
- ▶ The initial goal of the project was to make a user-friendly "one-stop shop" for all the research done in Finnish Universities of Applied Sciences. The goal has not yet been achieved in full scale, even though the Open Access mandate for research papers was given in 2010.

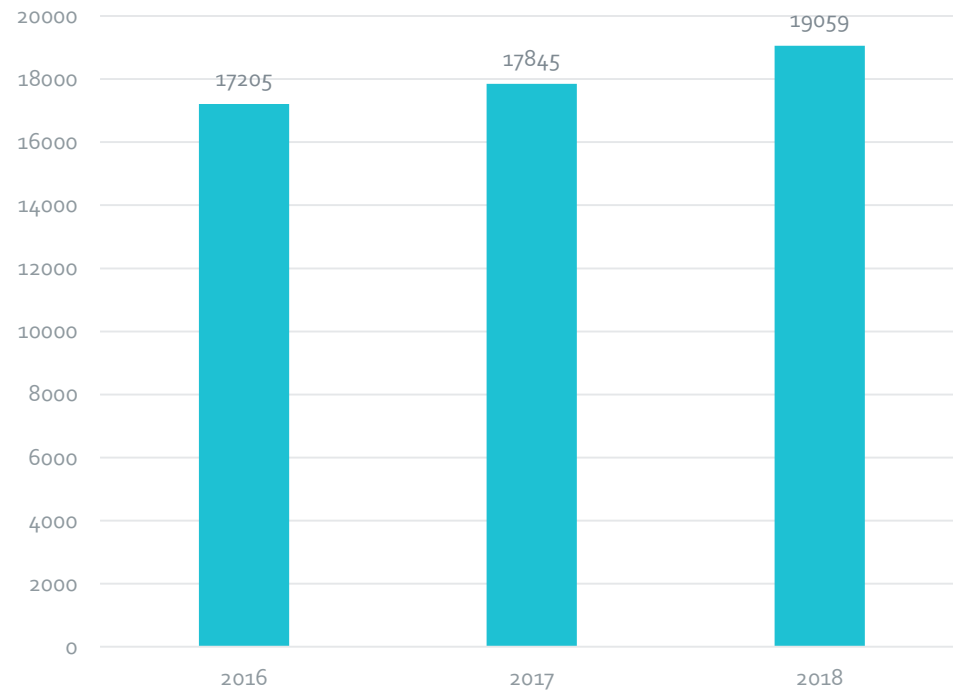


# Theseus is a joint project

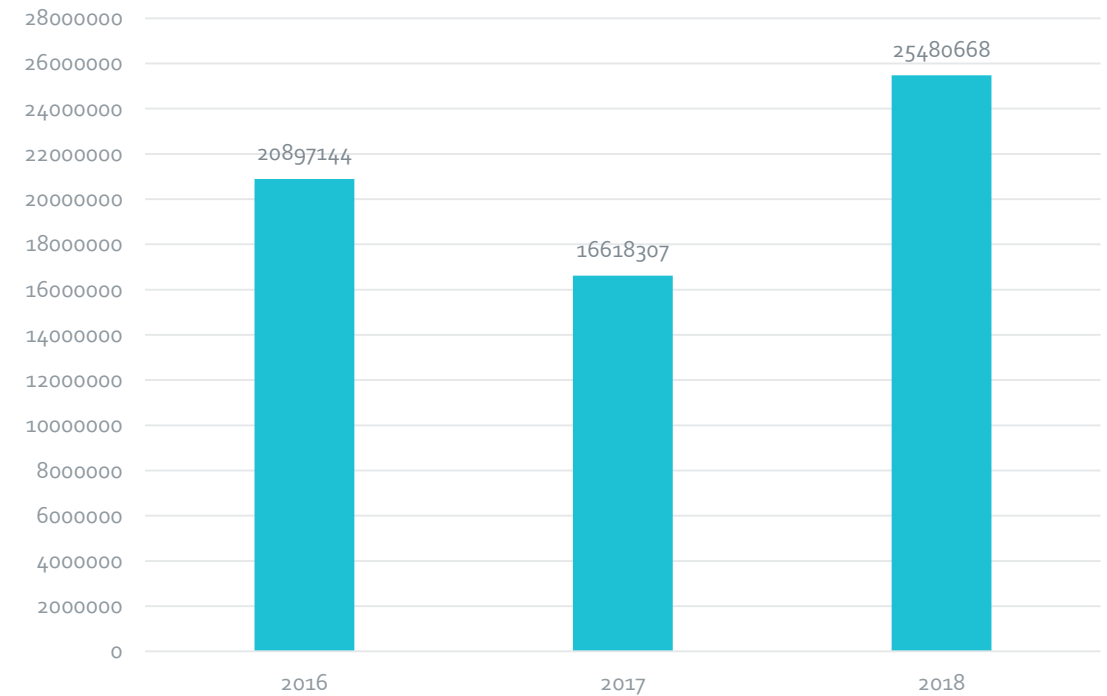
- ▶ Theseus was built as a joint project for 25 UASs with National Library of Finland working as a technical developer and later as a technical support.
- ▶ Theseus is based on DSpace and for the time being, we're running DSpace version 5.6.
- ▶ One sign-in system Shibboleth and an option to choose Creative Commons licenses to curate the user rights.
- ▶ Same policies for all UASes and one common user support group to help UASs with questions related to upload and self-archiving.
- ▶ The new initiative is being built together with National Library of Finland, CSC (IT Center for Science in Finland) and Finnish National Archives.

# Theseus statistics 2016-2018

## Uploads



## Downloads



# National Requirements for Open Access

- ▶ By the year Horizon 2020:  
The rule: Open access mandatory either through a repository or directly by publishing in open access to peer-reviewed publications. Depositing in a repository is mandatory either way you proceed.
- ▶ By the year 2020 Finnish universities are required to publish 100% open access.
- ▶ At the same time, The National Archives of Finland demands all universities to archive their theses in digital long-term preservation (DP).

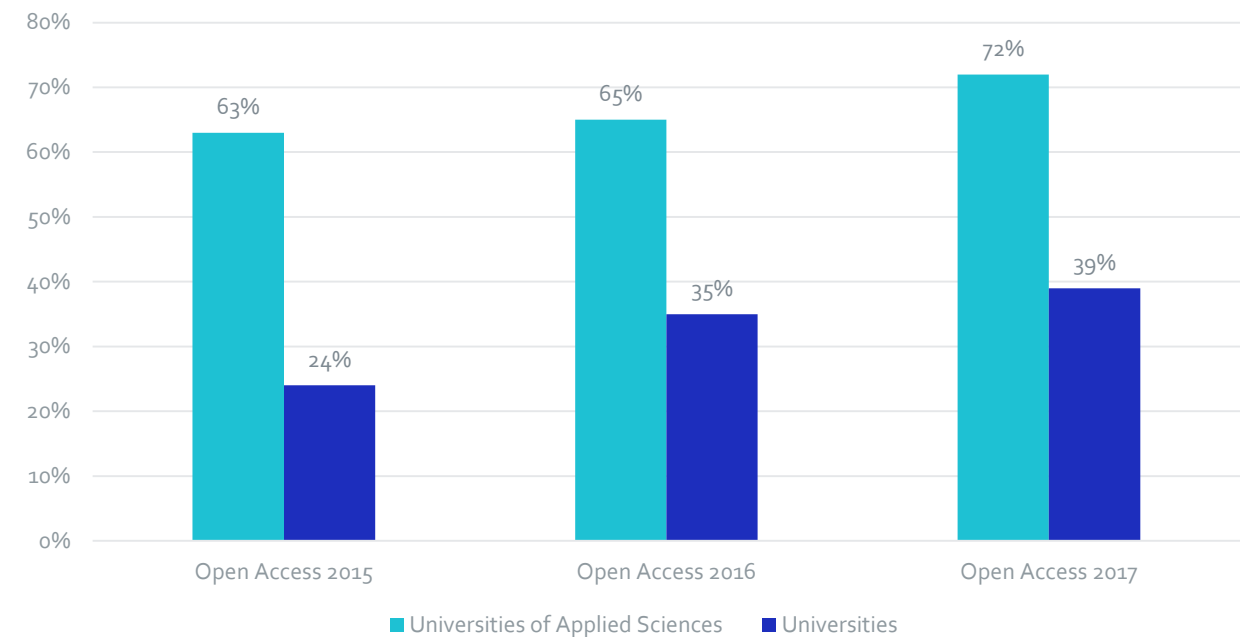


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# The current state of open access in UASs

- ▶ The self-archiving of research papers has not started on a full scale yet in all Universities of Applied Sciences.
- ▶ 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.

Amount of Open Access publications of Finnish Universities and Universities of Applied Sciences 2015 - 2017

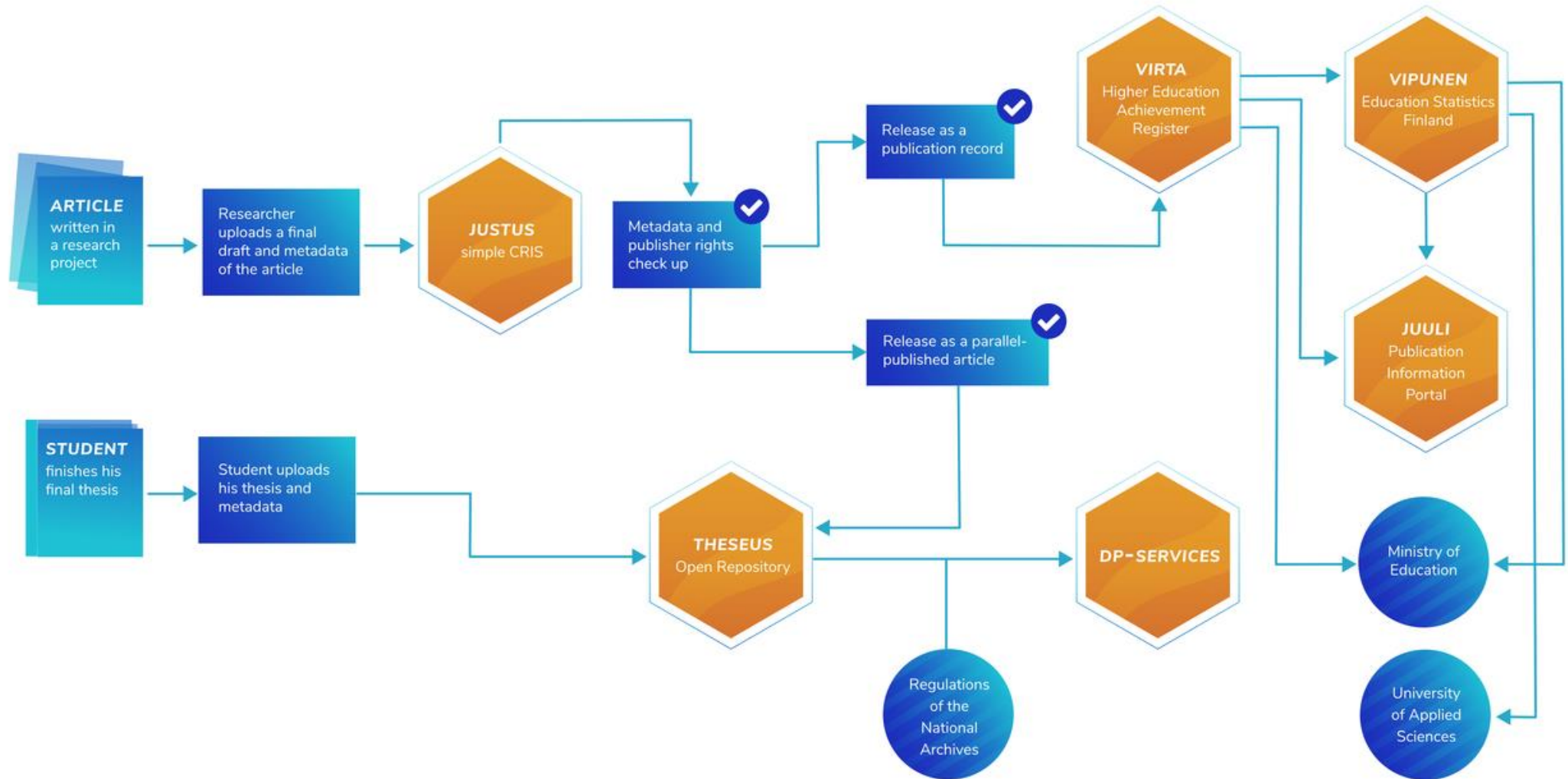


# Justus-Theseus integration

- ▶ Justus is a publication information reporting service, which enables direct inputting of information to VIRTA publication information service, a data warehouse of Finnish publication information.
- ▶ When a staff member is reporting his article to the University, he will upload the final draft into Justus and the report will reach both Theseus and the Ministry of Education at the same time.
- ▶ The integration of a CRIS to the open repository saves resources by streamlining 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 also be exported to the DP services. In addition, a new way to manage the publicity of uploads will be developed. 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 New Theseus Process





# Justus and its connections to other services

