

# Call for applications - The Cultural Heritage Cluster ready for new projects in 2020

Within the last couple of years, the collaboration between [DeiC](#) and The Royal Danish Library, concerning the supercomputer [Cultural Heritage Cluster](#), has created a foundation for many interesting research projects. The Cultural Heritage Cluster enables processing and analysis of large sets of data and the outcome has been a range of exciting innovative research projects within humanities and social sciences.

We are looking for more research projects!

## Projects

Currently, six groundbreaking research projects within humanities and social sciences are exploiting the powers of the Cultural Heritage Cluster. The projects deal with a wide span of interesting topics such as how the Danish internet has evolved since 2005 while other projects are focused on creating tools for analysis of large text-, radio and audio material - [read more here](#). We have now been granted the opportunity to roll out new projects in 2020.

## Project set-up

The Royal Danish Library offers a introductory phase to new research projects, where a dialogue between the researcher and a consultant from the Royal Danish Library and a learning by doing approach will set the boundaries of the project. This implies, that there is no requirements of neither past experience with High Performance Computing (HPC) nor experience in working with digital collections at the Royal Danish Library. The introductory phase will outline how HPC can be used in the research project.

To ensure that everything runs smoothly throughout the project, and the research project is being completed in a satisfactory manner, the Royal Danish Library offers consultancy for the researchers. The consultants can give advice about how to use Data Engineering, how to extract data, how to use different tools and programmes like RStudio and JupyterHub, but also how to code in different languages and much more.

The pilot projects have a life time of 6 months. All access and support costs are covered due to funding by DeiC eScience Center of Competence. This includes set-up, training in the system and execution of the project along with 100 hours of consultancy.

## Cultural Heritage Cluster

The supercomputer gives the researcher a solid platform, where it is possible to apply a range of different tools and programmes to support the research project. It is possible to work with your own data, but the Cultural Heritage Cluster also opens up the opportunity to use the vast amount of data in the Royal Danish Library's digital cultural heritage.

The Cultural Heritage Cluster exploits modern technologies and provides the opportunity to extract conservation data for research with application of big data on millions of hours of TV- and radio material, millions of newspaper pages and several billion web documents from the digital cultural heritage

## Application

Deadline: December 1st 2019

All researchers, that are interested in running a pilot project are encouraged to apply, but the Cultural Heritage Cluster is primarily meant for research projects within humanities and social sciences.

A form to declare a statement of interest can be found on [kulturavscluster.kb.dk](http://kulturavscluster.kb.dk) (Danish), where the application proces is described in further detail.

We can't wait to hear from you!

[kulturavscluster@kb.dk](mailto:kulturavscluster@kb.dk)



**DET KGL.  
BIBLIOTEK**  
Royal Danish Library

**Kulturavscluster**  
Big data møder dansk kulturav ...