Acronym	NSAS
Title of proposal	National Science App Store
Proposal summary	In this project we aim to extend the national research data store, data.deic.dk, with data processing, analysis, publishing and archiving capabilities in the form of 'apps'. These apps will be presented in an "app store", where users can discover and share apps with their community. This new functionalities will set data.deic.dk aside from other generic, "Dropbox-like", cloud storage solutions. It will give researchers access to the data analysis and management functionalities they need, right where their research data lives, in the convenient and secure environment of data.deic.dk. The project will provide easy access to national HPC infrastructures, like the Abacus 2.0 supercomputer from data.deic.dk, allowing a researcher to run complex or heavy computations on a supercomputer in a completely seamless and automatic way. In this way the new infrastructure will greatly lower the threshold for getting new research areas to use national resources such as Abacus 2.0, e.g. from the medical sciences, humanities or social sciences. The project will also allow access the international service Zenodo at CERN, for publishing and long-term archiving of research data. An important part of the project will be to develop specific proof-of-concept "apps", targeting different research communities.
Part(s) of the research data life cycle which are addressed	"Planning data management" ,"data processing/reduction", "data analysis", "data deposition", "data sharing","data preservation", "data publishing". Moreover for the specific cases in which researchers "create" data through the use of e.g. numerical simulations, the proposed infrastructure also covers "data creation/collection".

Main area	Humanities Social Sciences	✓ Health Sciences ✓ Natural Sciences	☐ Technical sciences

Types of infrastructure	New infrastructure ✓ Already realized data management infrastructure, where the proposal concerns significant modifications or extensions ✓ Already realized e-infrastructure, for example national HPC installations, where the proposal concerns significant data management related extensions ✓ Digital tools that support and promote the use of already realized data management infrastructure

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Project duration and budget

Project start	Project end
1.10.2016	1.4.2018

Total budget	Self-financed share	Share applied for
5'822'900 DKK	2'920'000 DKK	2'902'900 DKK