# Application form for Advanced User Support

The purpose and objectives of the advanced user support activity for the HPC and storage projects can be found on <https://www.sigma2.no/advanced-user-support>

Please read this information carefully before submitting an application.

The application must be sent (in Word or PDF format) by email to [contact@sigma2.no](mailto:contact@sigma2.no). It need not be in a final version state as we will help completing it, e.g. by locating resources on our side for participating in the AUS.

Date: [dd-mm-yyyy]

## Details Applicant

*[Please read the information on* [*https://www.sigma2.no/advanced-user-support*](https://www.sigma2.no/advanced-user-support) *about who can apply. The applicant will normally be the manager of the project (PI), unless stated otherwise below.]*

### Applicant:

Name: *[usually the project leader of the project(s) specified in section 2 below]*

Title, position:

Affiliation (department, organization):

Address:

Office phone:

Mobile:

Email:

### Project manager (if different from applicant):

Name: *[this is used if the applicant specified in 1.1 above have appointed a specific person to be the main contact for this project, sometimes referred to as an “XO” (executive officer)]*

Title, position:

Affiliation (department, organization):

Address:

Office phone:

Mobile:

Email:

## HPC or storage project Account

*[State the Sigma2 project number (NNxxxxk or NSxxxxk) the AUS pertains to. If the applicant currently does not have a Sigma2 project, please state that the AUS is for enabling a project to use national e-infrastructure and make sure that the applicant under 1.1 is eligible to apply.]*

Sigma2 project number(s):

## Project title and summary

### Title

*[Shortname. Max. 80 characters]*

### Summary

*[Max. 250 words. This summary could be used for reporting or dissemination purposes and should be high level.]*

## Objectives

## *[State the main objective and partial objectives.]*

## Software or service description

*[Provide a description of the application software or service that is targeted in the project (such as name, authors, purpose, application area, home page, as applicable). Describe in particular the characteristics and parts of the software that are important to the proposed project. Include on which platforms the software is used (HPC, NIRD, service platform or other facilities), and on which other platforms it is available.]*

## Future use of the application software

*[Describe how important the software is for your current and future research activity, and if applicable, for other national and international research activities.]*

## Problem description and expected measurable results

## *[Describe in detail what you would like to have done (e.g., code analysis, tuning, code modification). Describe in detail what you expect, or hope will be the measurable results of the project (e.g., performance improvements, access to better resources). Also describe what the measurable impact will be in your future research activity and scientific production (e.g., improved simulations, increased research output).]*

## Why do you need assistance?

*[Describe why support is needed.]*

## Who will participate from your side?

*[List the people in your group (from the applicant) that will participate in the work and what their tasks will be. The hours spent by the people in your group are in-kind to the project and cannot be charged/invoiced to Sigma2, but such in-kind contribution will be considered in the evaluation of the application.]*

## Who will or should carry out the work?

*[If known, list the candidate people (and their contact addresses) that you believe have the required skills to carry out the work. Specify also whether these people already have agreed to carry out the work. Leave this section empty when you do not know suitable candidates, in which case we will try to locate such candidates.]*

## Project plan

*[In case you have listed candidates under question 10 that have agreed with this application, provide a list of the sub-activities in the project. Each activity must include a short description, a start date, end date, measurable milestone(s), and a division of the work between the parties. This must eventually be approved by all parties. Also, specify the dates when any progress reports and the final report will be delivered.]*

## Resources

*[Detail the effort (in person hours) that is needed to complete the project. Please give a justification for the amount of effort for each person working on the project (listed in sections 9 and 10) and for each activity (listed in section 11). Also, indicate if you are unsure about the effort needed to complete any of the tasks. Normally advanced user support projects will cover for 1 – 3 person months funded by Sigma2, but this is not a restriction. Projects may include activity that is not carried out full-time. A proposal for a project with duration more than 6 months normally (i) concerns activity that is of use for a large number of users (e.g., spanning a national community or spanning several projects that already have access to HPC or storage, and (ii) includes in-kind/cash contributions to support the people that will carry out the work.]*

## Feasibility and risk assessment

*[The applicant is asked to objectively and rationally uncover the strengths and weaknesses of the proposal, opportunities and threats as presented by external influences, the resources required to carry through, and ultimately the prospects for success. Criteria to judge include cost required and value to be attained for the targeted user communities and the national infrastructure. Estimate the probability (low/medium/high), the impact, and the effect of known risks on the successful and timely completion of the project, as well as the corrective action to take should that risk occur. This includes (but is not limited to) organizational and management issues, partner commitments and dependencies on third parties.]*

## Publications

*[Specify any plans to publish the results of the project (at conferences, proceedings, journals, etc.).]*

## Other information

*[Include any other information that is relevant for this application.*

End of application form.