

Starting Grant Application form: Compute component of the Flemish Tier-1 supercomputing platform

Title of the application:

Applicant name, first name:

Institution:

Research group / department:

E-mail address:

VSC id of the applicant:

Disclaimer

Allocated computing time on Tier-1 for a Starting Grant is 500 kcore-hours and 1 kGPU-hours at most, allocated for a period of 4 months. Total disk storage should not surpass 1 TiB. Allocated time is granted only to the applicant and can never be transferred to anyone else.

1. Motivate your application: why specifically do you want a Starting Grant?
Which Tier-1 compute partition do you want to run on (Hortense/BrENIAC)?
Would you require CPU or GPU resources?
2. Provide information for each software package that will be used.
 - If centrally installed on Tier-1 compute or a Tier-2 system within VSC, state the module name.
 - If not open source software, state that the associated license can be validly used by all mandated users on the desired Tier-1 compute partition (BrENIAC/Hortense). Add a copy of the signed license to this application.

- If not centrally installed, provide compilation instructions: software website, toolchain used, compilers, versions, easyconfig file for EasyBuild, ...
3. Short description of the computing tasks, the software tools required, expected disk storage and memory usage. Please specify if applicable: whether these computing tasks use diversification (OpenMP, MPI, OpenMP + MPI (hybrid), ...)
- the estimated memory use of a computing task (maximum 256 GiB/node on BrENIAC, on Hortense maximum 512 GiB/CPU node and 256 GiB/GPU node)
 - the requirements for disk storage (estimated volume in GiB and the total number of files)

Please keep in mind to gather all data required for the efficiency table and description of the computational tasks when applying for a regular Tier-1 compute allocation later on.

Send the completed Starting Grant application form to: compute@vscentrum.be

Don't hesitate to consult your local support when you are preparing a Tier-1 application:

<https://www.vscentrum.be/getintouch>