

PRACE Application Tips from Applicants

- Read the information on the [PRACE website](#), in particular the [user documentation pages](#) and the [best practice guides](#).
- Make yourself aware of how to apply and what the application procedures are.
- You may have to apply several times before being successful.
- Use feedback from the referees to improve your application.
- Do not wait until the last minute to write your proposal.
- The scientific aspect is of crucial importance.
- Demonstrate novelty, impact and timeliness.
- Building a good team with EU partners is essential (each member of the team needs to have a specific expertise).
- Demonstrate experience of using HPC resources in the past and explain how you will manage using a Tier-0 system.
- Explain whether the simulation data has a legacy value, what will be shared with the scientific community and how.
- Check how much resources are available on a given system (might be risky to ask for > 40%-50% of the system's core hours).
- Aim for simulations that can only be performed on Tier 0 Systems, not on Tier 1 Systems.
- Produce scalability plots and representative benchmarks.
- If you do not have representative benchmarks and data to justify the resource request you need to apply for a Preparatory Project (<http://www.prace-ri.eu/prace-preparatory-access/>), which allows you to port your code, to test it, and to collect all the information necessary for a full proposal.
- Have a detailed plan of when/how the simulations will be setup/run/data copied/stored and what are the RAM/I/O/storage requirements at any given stage.
- Have a detailed project management plan: who will do what in the collaboration, how data will be shared, meeting/telecon schedule, plans for paper writing, project webpage etc.