



# Overview of PRACE Peer-Review Process

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# Access through PRACE Peer-Review



**Free-of-charge** & required to complete final report & publish results at the end of the award period

**Preparatory Access** (*2, 6 or 12 months*)



Optional support from PRACE experts  
Prepare proposals for Project Access



**Project Access** (*12, 24 or 36 months*)

Required to demonstrate technical feasibility of project



**SHAPE Programme** (*2 - 6 months*)

Aimed at SMEs wishing to adopt HPC

**Criterion:  
Scientific  
Excellence**

[www.prace-ri.eu/call-announcements/](http://www.prace-ri.eu/call-announcements/)



# Peer-Review Principles

- ✓ **Transparency**
- ✓ **Fairness**
- ✓ Avoiding **Conflict of Interests** at all phases of the process
- ✓ **Confidentiality**
- ✓ **Right to reply** at the different phases of the evaluations
- ✓ **Right to appeal** the final decision (addressing the BoD)



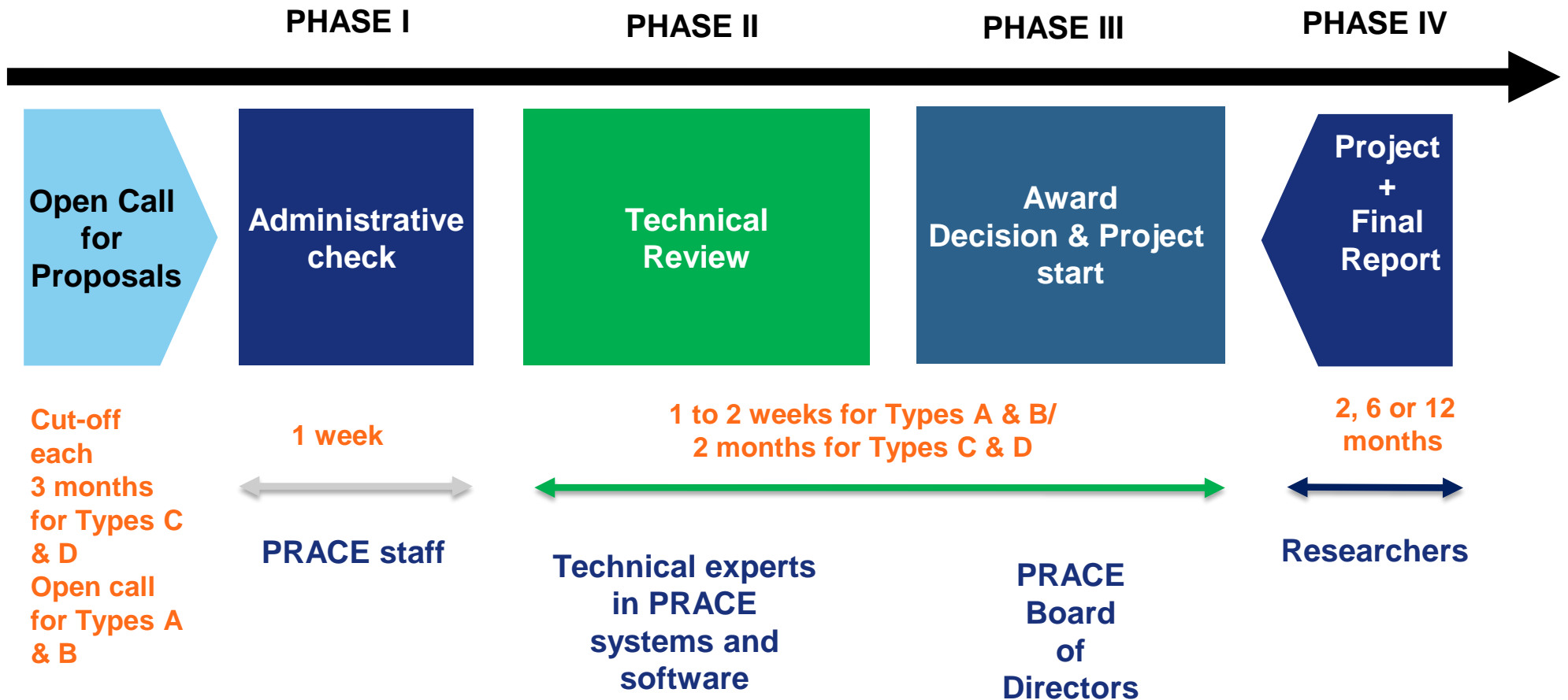
# Preparatory Access

PRACE System	Type A	Type B	Type C
Curie	50 000	200 000	200 000
Hazel Hen	100 000	250 000	250 000
JUQUEEN,	100 000	250 000	250 000
Marconi,	50 000	100 000	100 000
MareNostrum	50 000	100 000	100 000
Piz Daint	100 000	100 000	100 000
SuperMUC	50 000	100 000	100 000

PRACE System	Type D
ARCHER, hosted by EPCC (United Kingdom)	150 000
Aris, hosted by GRNET (Greece)	150 000
Bem, hosted by WCSS (Poland)	150 000
Cartesius, hosted by SURFsara (Netherlands)	150 000
CY-TERA, hosted by CaSToRC (Cyprus)	150 000
GALILEO, hosted by CINECA (Italy)	150 000
Salomon, hosted by VSB-TUO at IT4I (Czech Republic)	150 000
Sisu, hosted by CSC (Finland)	150 000

[http://www.prace-ri.eu/IMG/pdf/Preparatory-Access-ToR\\_01\\_02\\_2017.pdf](http://www.prace-ri.eu/IMG/pdf/Preparatory-Access-ToR_01_02_2017.pdf)

# Preparatory Access





# Preparatory Access

Proposals **limited** by:

- **amount of resources available** (Types A, B and C)
- **availability of experts support and type of expertise** (Type C and D)

**Oversubscription of resources** - awarded on a 1<sup>st</sup>-come, 1<sup>st</sup>-served basis to suitable proposals according to submission date, until the resources are exhausted.

**Tentative calendar of next cut-off dates:**

01/06/2017 > 11:00 AM CEST	<b>(30<sup>th</sup> cut-off)</b>
01/09/2017 > 11:00 AM CEST	<b>(31<sup>st</sup> cut-off)</b>
01/12/2017 > 11:00 AM CEST	<b>(32<sup>nd</sup> cut-off)</b>



# Useful tips for Preparatory Access

- ❑ Include **all Team members** in the proposal (**extra user accounts may not be accepted by the HPC centre**)!
- ❑ **Check the Terms of Reference** and PRACE webpage on most updated information of resources available for the cut-off (call deadline)!

[http://www.prace-ri.eu/IMG/pdf/Preparatory-Access-ToR\\_01\\_02\\_2017.pdf](http://www.prace-ri.eu/IMG/pdf/Preparatory-Access-ToR_01_02_2017.pdf)

<http://www.prace-ri.eu/prace-preparatory-access/>

- ❑ Make sure you select the appropriate type of access for your needs!
- ❑ **Contact** PRACE Peer-Review Team and HPC centres during the preparation of proposal if necessary.



- Aimed at **SMEs** willing to adopt a new HPC-supported solution
- Based on following criteria:
  - ❖ Strength of business case (significant RoI expected)
  - ❖ Technical feasibility (resources sufficient to complete the project in 2-6 months)
  - ❖ Innovative aspects of proposed solution
  - ❖ Social and economic impact on society
- Up to 500,000 core hours on a PRACE system
- More info here: <http://www.prace-ri.eu/shape-5th-call-proposals-opens/>



# Project Access



[www.prace-ri.eu/call-announcements/](http://www.prace-ri.eu/call-announcements/)



# Project Access

Calls for Proposals are published **twice/year**.

Applications **must** use codes:

- previously **tested**;
- **demonstrate high scalability & optimisation** to multi-core architectures;
- **demonstrate a requirement** for ensemble simulations that need a very large amount of CPU overall.

Proposals **administratively rejected do not continue to** the evaluation process.



# Stages of Peer-Review Assessment / check

## **Administrative check** (PRACE staff)

- 1) administratively accepted
- 2) administratively rejected

## **Technical assessment** (Technical experts in PRACE systems and software)

- 1) Accepted
- 2) Rejected
- 3) Conditionally accepted

## **Scientific assessment** (Independent experts in the field of research)

Comments and score between 1 and 6

**Final ranking** (*Prioritisation AC meeting*) lists the proposals in order of priority to provide resources during the allocation session (PRACE AC members, technical experts, PRACE staff).



# Useful tips for Project Access

- ❑ Recommended after a Preparatory Access project (**reference in the application form**) on the same system to be used in Project Access.
- ❑ Read **carefully** the **Terms of Reference** and the **Technical guidelines documents**.

[http://www.prace-ri.eu/IMG/pdf/PRACE\\_Call\\_15\\_Terms-of-reference-10042017.pdf](http://www.prace-ri.eu/IMG/pdf/PRACE_Call_15_Terms-of-reference-10042017.pdf)

[http://www.prace-ri.eu/IMG/pdf/PRACE\\_Call\\_15\\_Technical\\_Guidelines\\_for\\_Applicants.pdf](http://www.prace-ri.eu/IMG/pdf/PRACE_Call_15_Technical_Guidelines_for_Applicants.pdf)

- ❑ **Respect** the **eligibility criteria** stated in the **Terms of Reference document**.
- ❑ **Respect** the **Online application form** and **Project scope and plan** document template and guidelines.
- ❑ Include **all Team members** expected to use the system.
- ❑ **Reply** to reviewers comments (respecting the limits/guidelines).
- ❑ **Contact** PRACE Peer-Review Team and HPC centres during the preparation of proposal if necessary.



**THANK YOU FOR YOUR ATTENTION!**

## Questions?

Contact us:

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