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PARTNERSHIP FOR ADVANCED COMPUTING IN EUROPE

Overview of the PRACE Peer Review Process

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Access through PRACE Peer Review



Free-of-charge BUT required to publish results at the end of the award period



Preparatory Access (*2 or 6 months*)



SHAPE Programme (*2 or 6 months*)



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

**Criterion:
Scientific
Excellence**

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 to the BoD)

**Best science supported at the highest level
through a fair Peer Review Process**



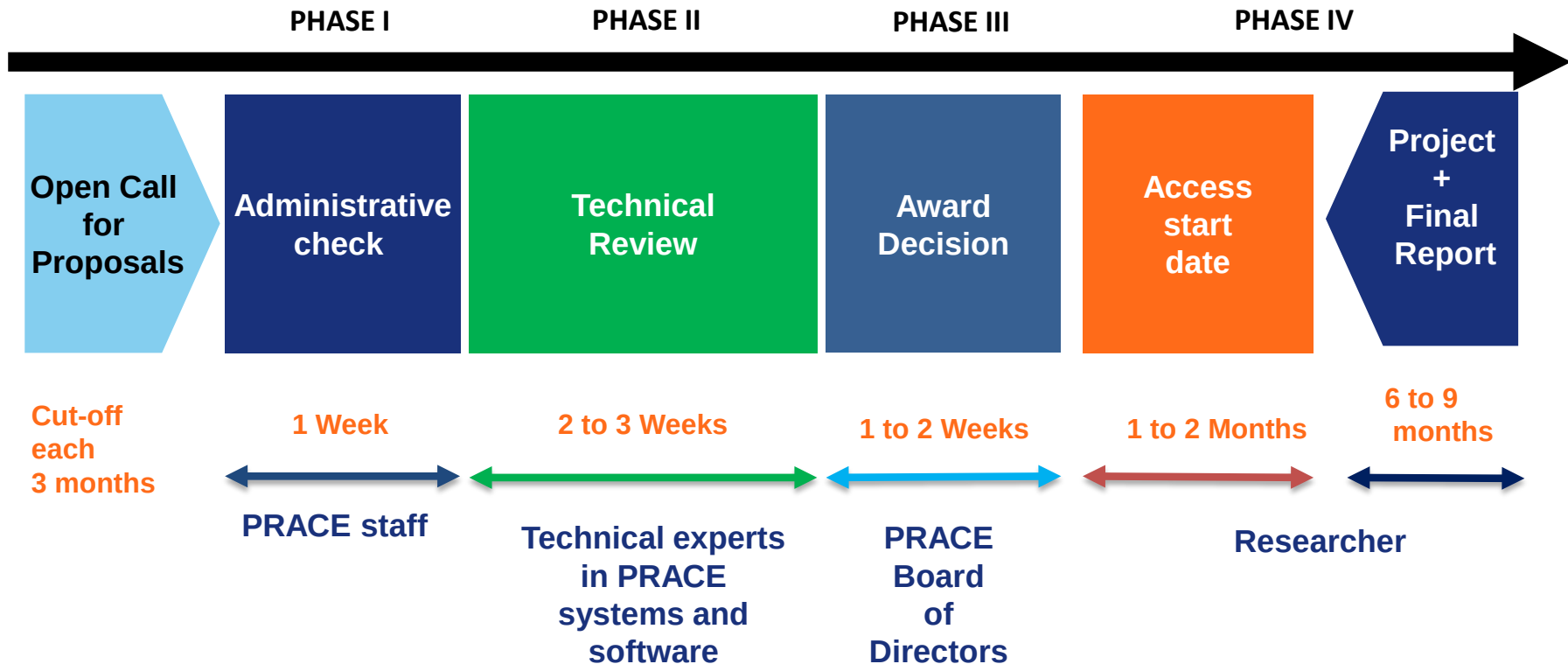
Types of Peer Review Assessment / check

- **Administrative check** (PRACE staff)
 - 1) administratively accepted
 - 2) administratively rejected
- **Technical assessment** (Technical experts in PRACE systems and software)
 - 1) strongly recommended
 - 2) recommended
 - 3) proposed for rejection
- **Scientific assessment** (Independent experts in the field of research)
 - Comments and score between 1 and 6
- Final ranking and allocation of Proposals (aka *Prioritisation meeting*)
(PRACE AC members, technical experts, independent panellists, PRACE staff)



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Preparatory Access





Preparatory Access

- **Open call** – technical evaluations undertaken at **defined cut-off dates** (3 month).
- Proposals **limited** by:
 - **amount of resources available** (Types A, B and C)
 - **availability of experts support** and **type of expertise** (Type C)
- **Oversubscription of resources** - awarded on a 1st-come, 1st-served basis to suitable proposals according to submission date, until the resources are exhausted.
- **Tentative calendar of next cut-off dates:**

01/09/2016 > 11:00 AM CEST	(26 th cut-off)
01/12/2016 > 11:00 AM CEST	(27 th cut-off)



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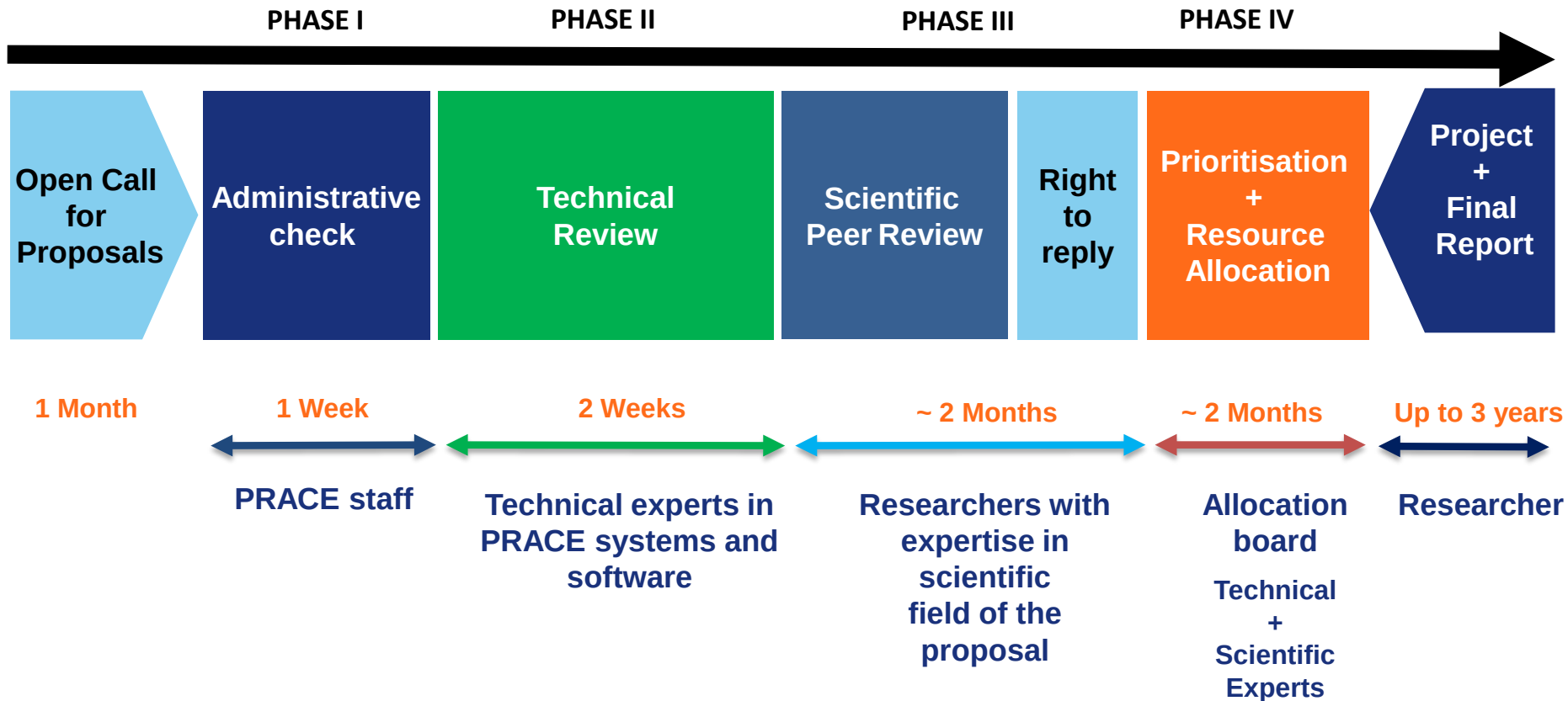


- Designed to **SMEs** willing to adopt a new HPC-supported solution
- Based on an integrated set of services:
 - **networking,**
 - **training in PRACE Centres,**
 - **expertise provided by HPC and domain-specific experts,**
 - **access to PRACE HPC systems under [Preparatory Access](#)**



PARTNERSHIP FOR ADVANCED COMPUTING IN EUROPE

Project Access





Project Access

- Calls for Proposals are published **twice per year**:
 - **February** > Access starting **September**
 - **September** > Access starting **March**
- 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 or Technically rejected do not continue** the evaluation process.
- Final ranking (Prioritisation meeting) lists the proposals in order of priority to provide resources during the allocation session (**priority and resources available**)



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