

EuroHPC Joint Undertaking

EuroHPC JU Access Opportunities

Laura Martínez Calvo
Programme Officer Peer-Review

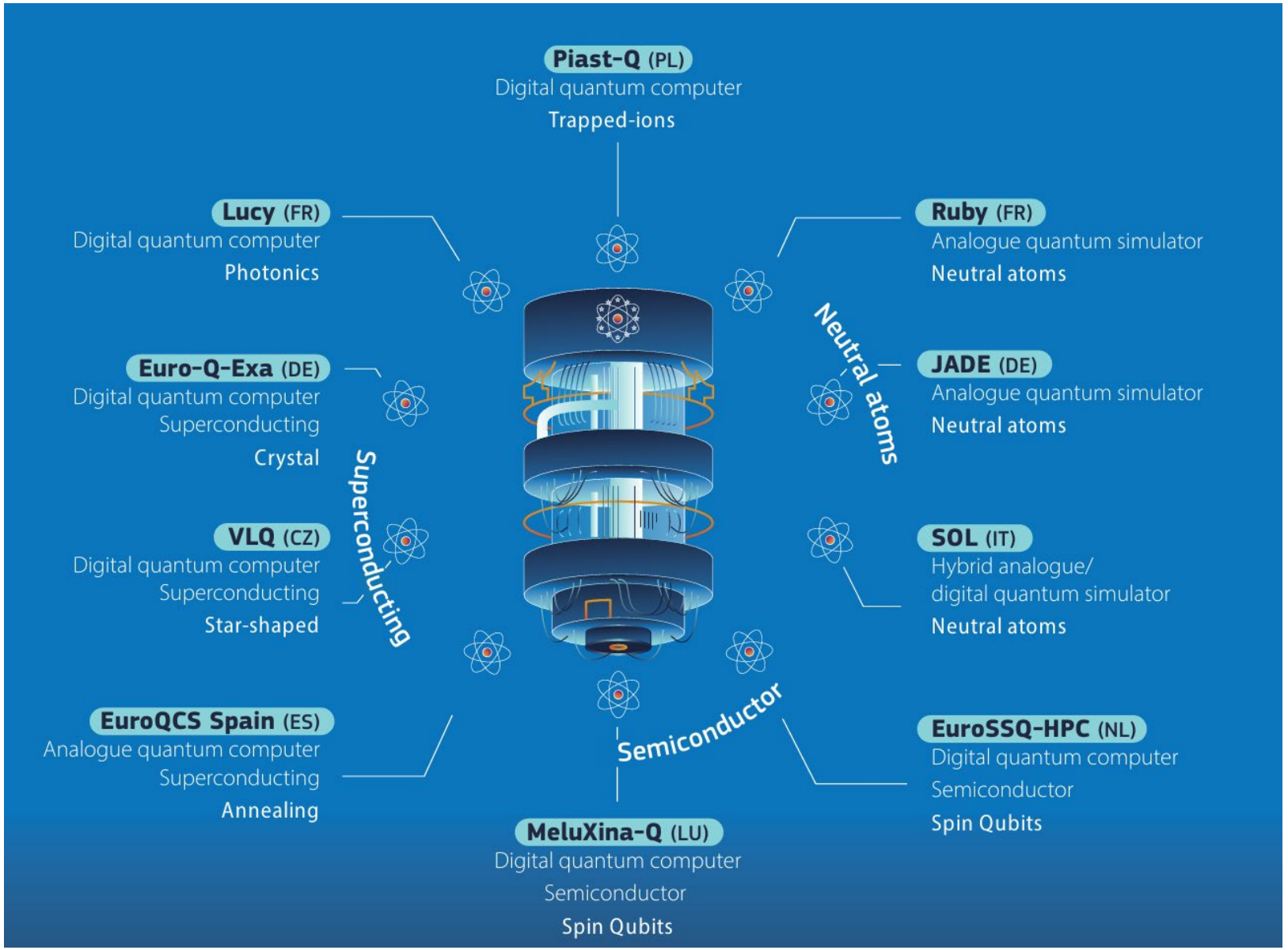
EuroHPC JU Systems

JUPITER	Germany
LUMI	Finland
Leonardo	Italy
MareNostrum5	Spain
MeluXina	Luxembourg
Vega	Slovenia
Discoverer	Bulgaria
Karolina	Czechia
Deucalion	Portugal
Alice Recoque	France
Arrhenius	Sweden
DAEDALUS	Greece
CASPir	Ireland
LEVENTE	Hungary

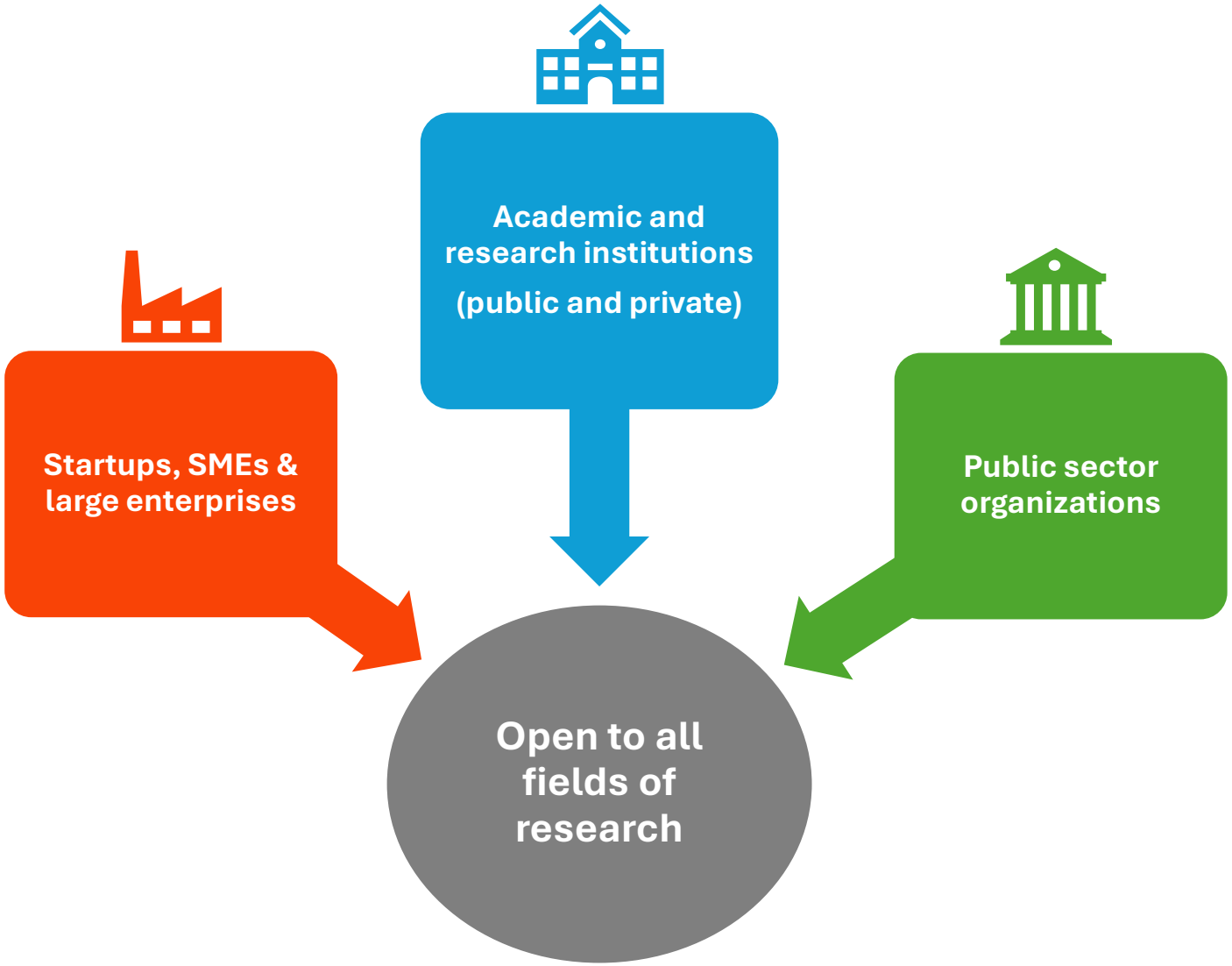


EuroHPC JU Quantum Systems

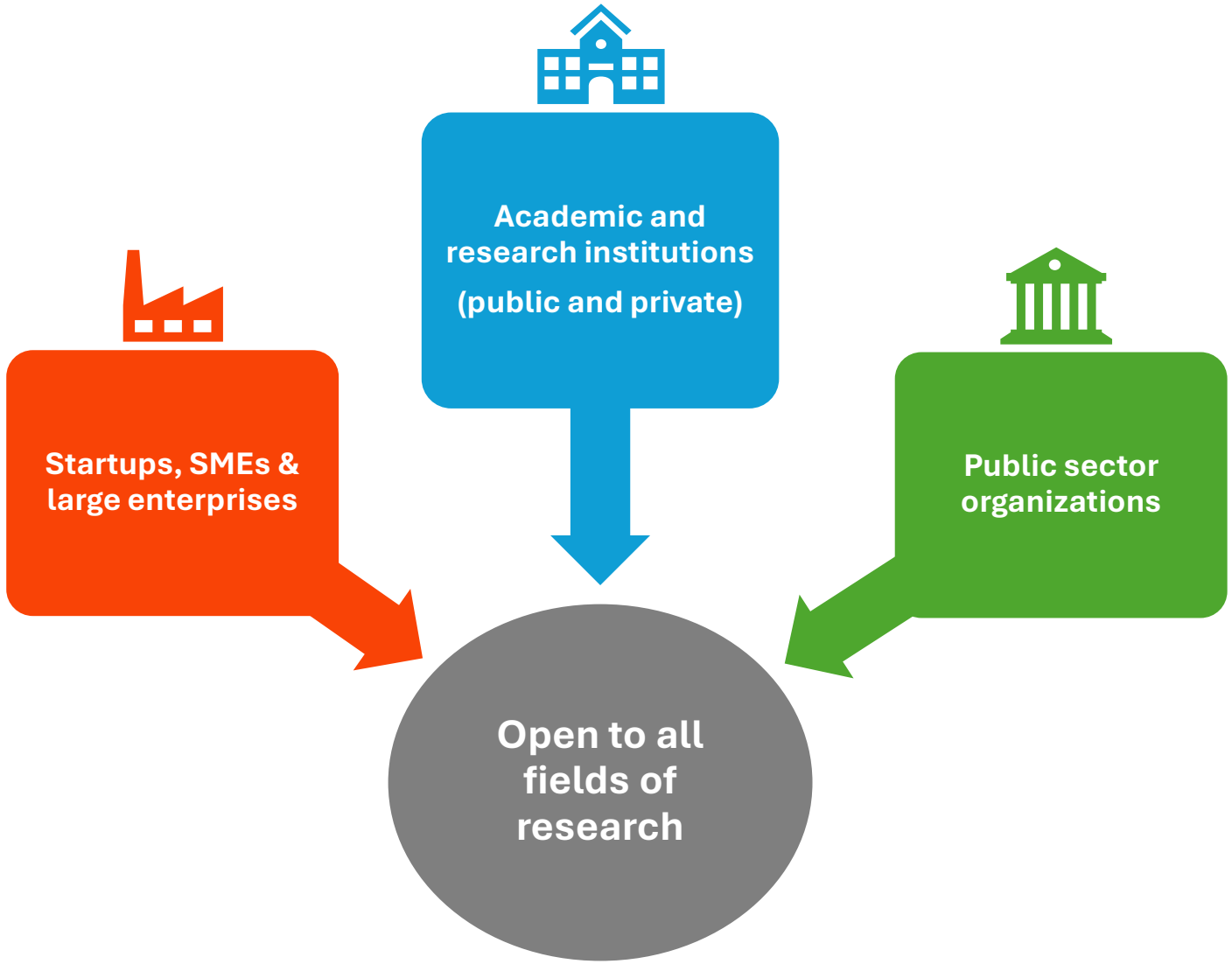
Piast-Q	Poland
VLQ	Czechia
Ruby	France
Lucy	France
Jade	Germany
Euro-Q-Exa	Germany
EuroQCS-Italy	Italy
EuroSSQ-HPC	Netherlands
MeluXina-Q	Luxembourg
EuroQCS Spain	Spain



EuroHPC JU Access Calls



EuroHPC JU Access Calls

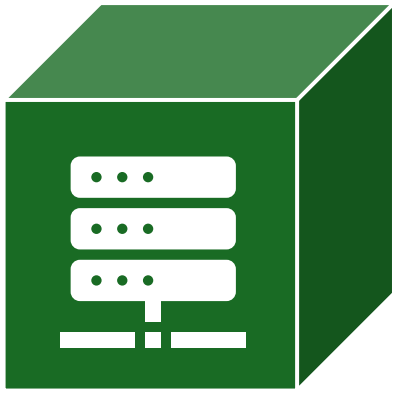


Online application via the Peer-Review Platform

All information and templates available on our webpage

EuroHPC JU Access Calls

HPC APPLICATIONS

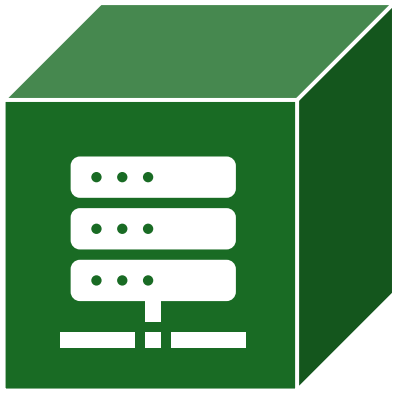


Preparatory and production access calls types

EuroHPC JU Access Calls

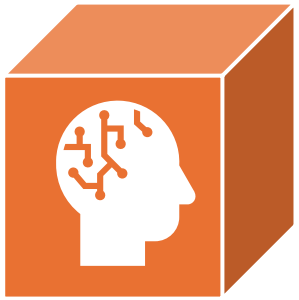
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HPC APPLICATIONS



Preparatory and production access calls types

AI APPLICATIONS

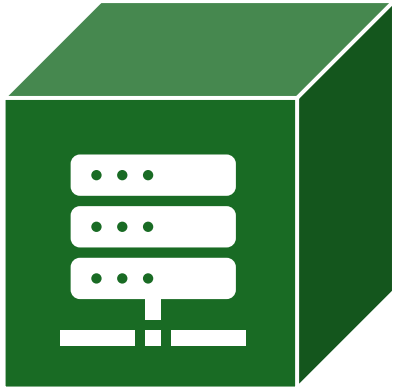


Scientific and industry call types

EuroHPC JU Access Calls

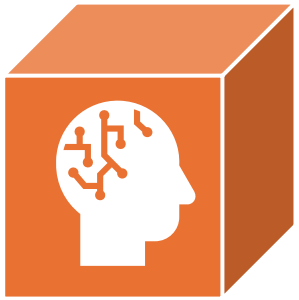
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HPC APPLICATIONS



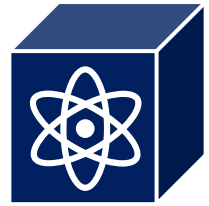
Preparatory and production access calls types

AI APPLICATIONS



Scientific and industry call types

QUANTUM APPLICATIONS



Pilot stage

HPC APPLICATIONS

Benchmark Access

For code and scalability tests

Access duration 2-3 months

Allocation process duration – 2 weeks after the cut-off date



HPC APPLICATIONS

Benchmark Access

For code and scalability tests

Access duration 2-3 months

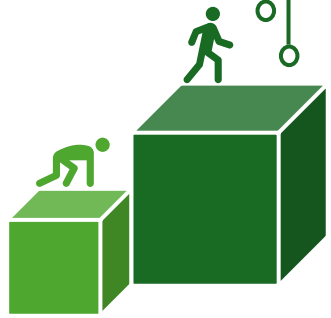
Allocation process duration – 2 weeks after the cut-off date

Development Access

For code and algorithm development and optimization

Access duration 6-12 months

Allocation process duration – 2 weeks after the cut-off date



HPC APPLICATIONS

Benchmark Access

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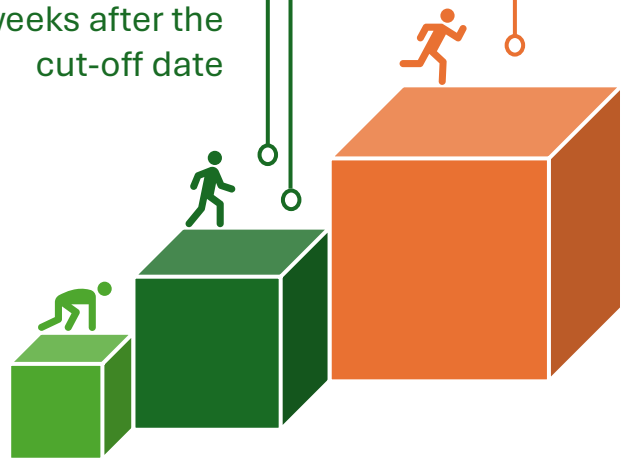
Allocation process duration – 2 weeks after the cut-off date

Regular Access

For research applications requesting large allocations

Access duration 12 months

Peer-Review process duration – 4 months after the cut-off date



HPC APPLICATIONS

Benchmark Access

For code and scalability tests
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Development Access

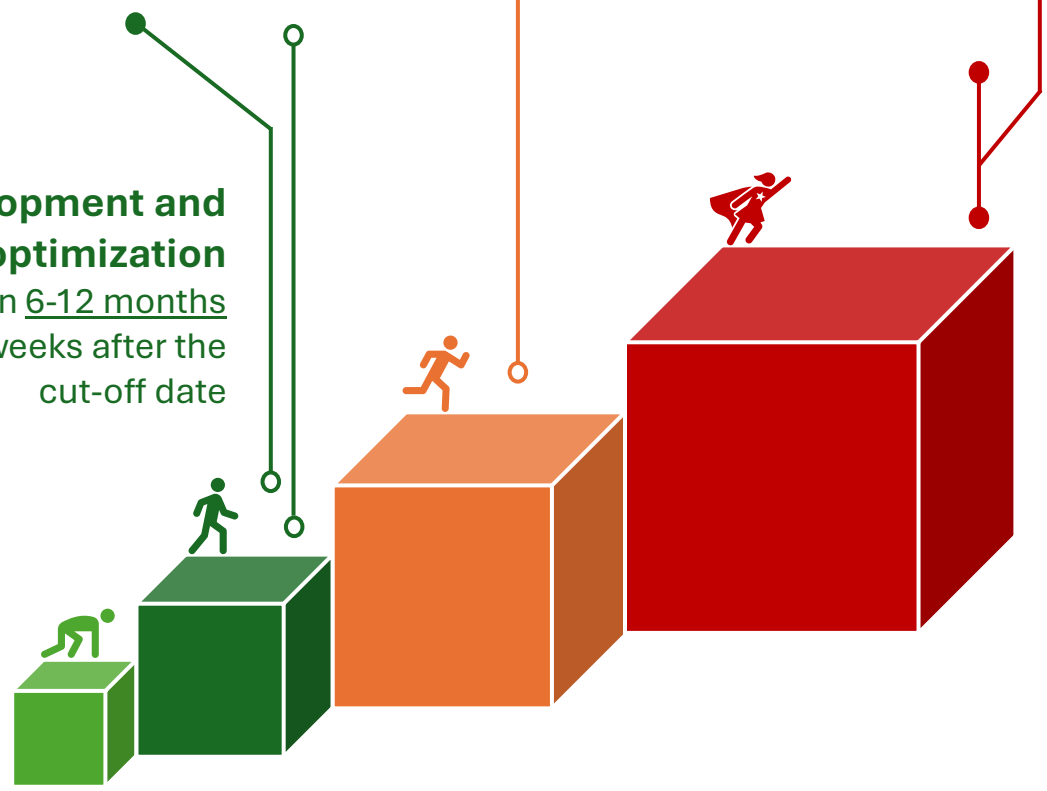
For code and algorithm development and optimization
Access duration 6-12 months
Allocation process duration – 2 weeks after the cut-off date

Regular Access

For research applications requesting large allocations
Access duration 12 months
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Extreme Scale Access

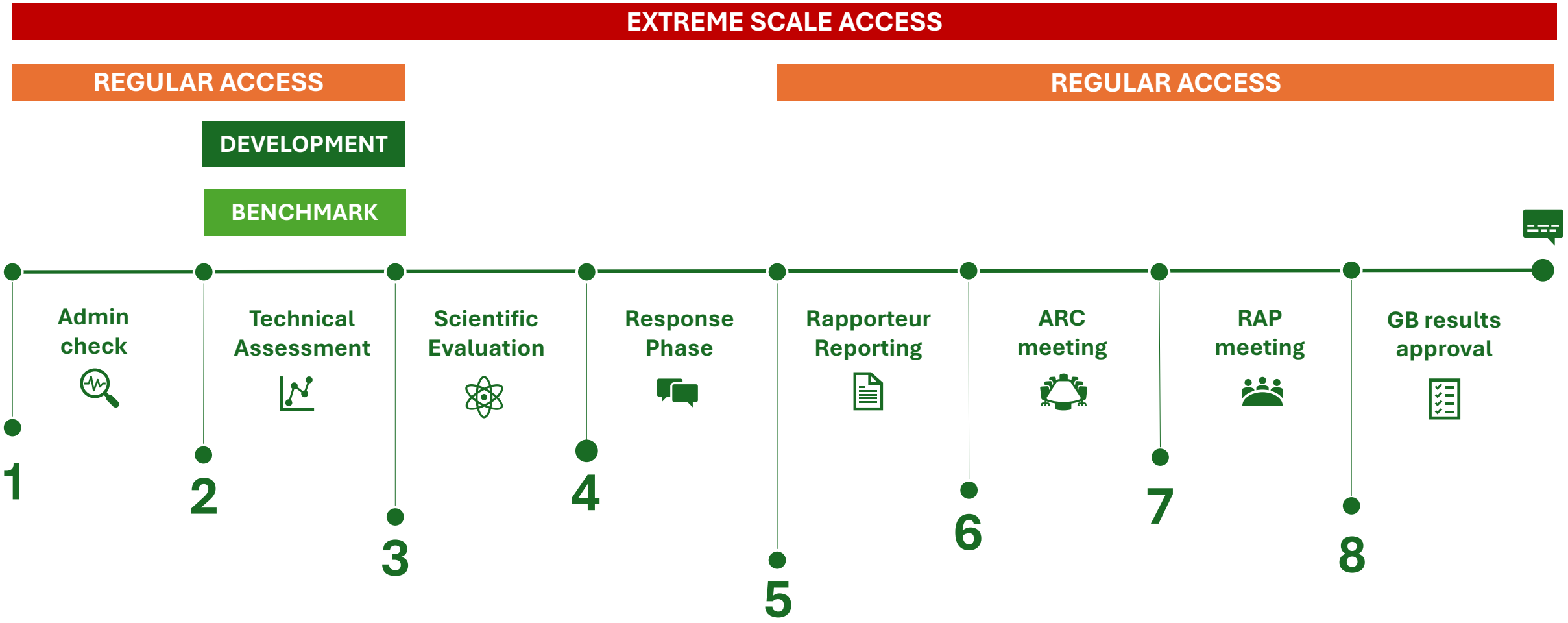
For high-impact, high-gain research applications requesting extremely large allocations
Access duration 12 months
Peer-Review process duration – 6 months after the cut-off date



HPC APPLICATIONS

Peer-Review process

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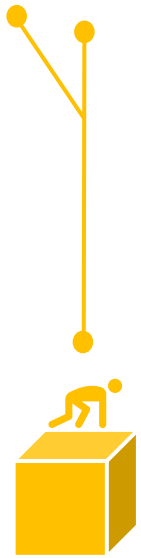
AI APPLICATIONS

Playground Access

For new users or those with smaller computational needs for performing AI computations

Access duration 1, 2 or 3 months

Allocation process duration – 2 working days



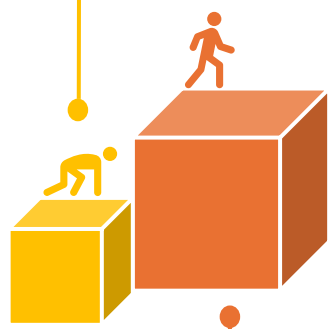
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For industrial users familiar with HPC environments requiring fast access

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Allocation process duration – 4 working days

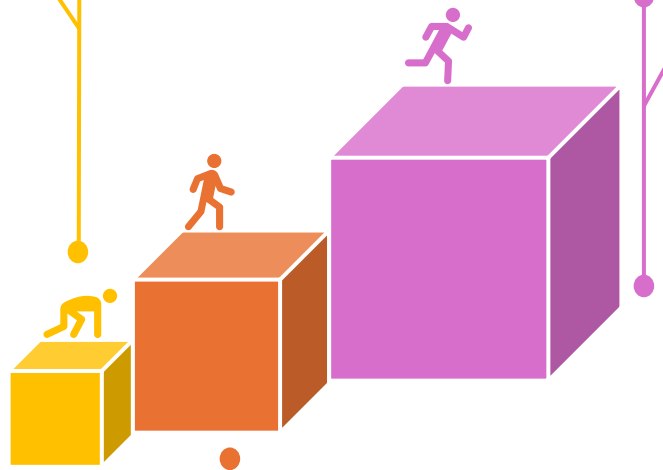
Fast Lane Access

AI APPLICATIONS

Playground Access

For new users or those with smaller computational needs for performing AI computations

Access duration 1, 2 or 3 months
Allocation process duration – 2 working days



Large Scale Access

For industrial AI applications with high impact needing large allocations

Access duration 3, 6 or 12 months
Peer-Review process duration – 2 weeks after the cut-off date

For industrial users familiar with HPC environments requiring fast access

Access duration 1, 2 or 3 months
Allocation process duration – 4 working days

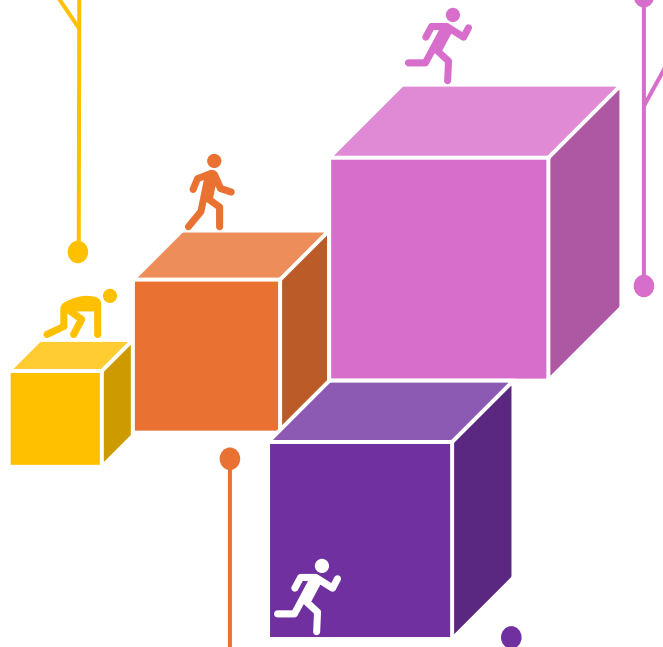
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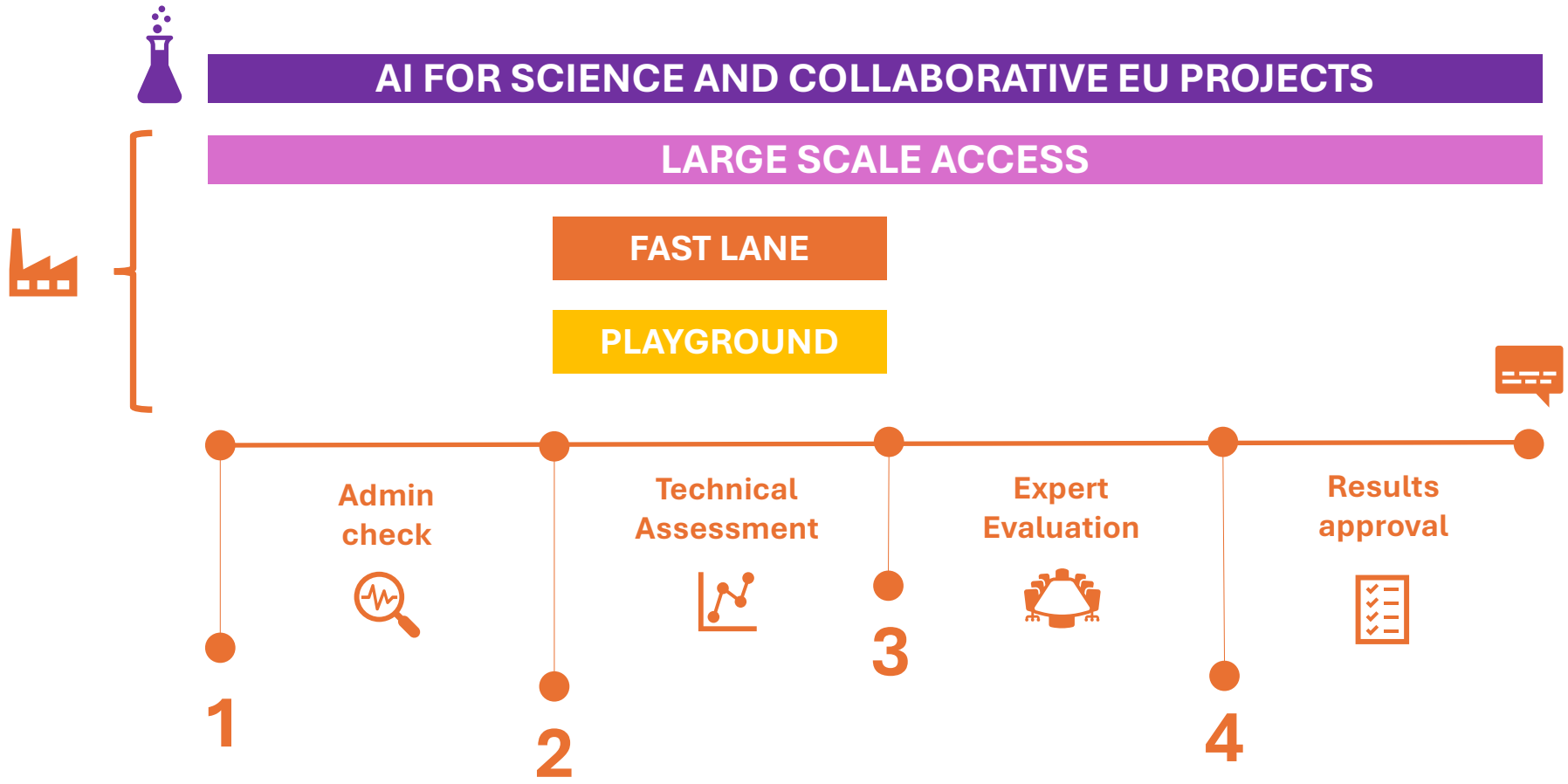
For AI applications performing scientific research activities

Access duration 6 months
Allocation process duration – 1 months after the cut-off date

AI for Science and Collaborative Projects Access

AI APPLICATIONS

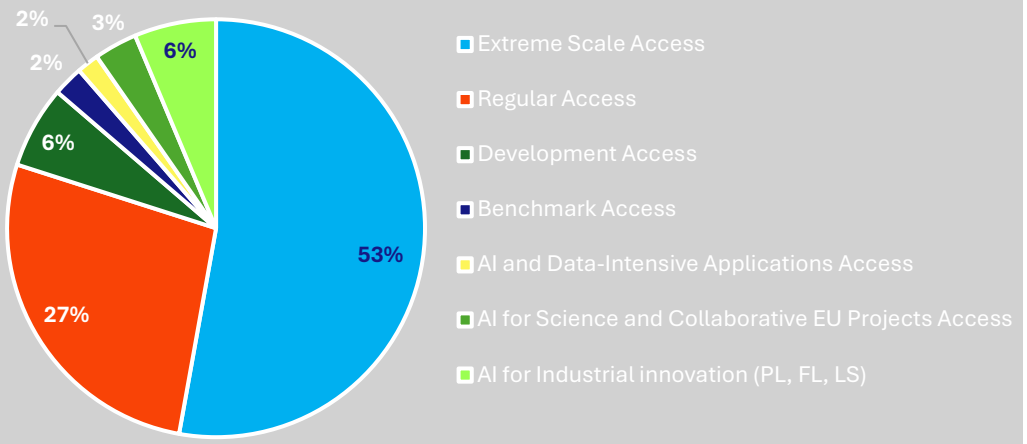
Peer-Review process



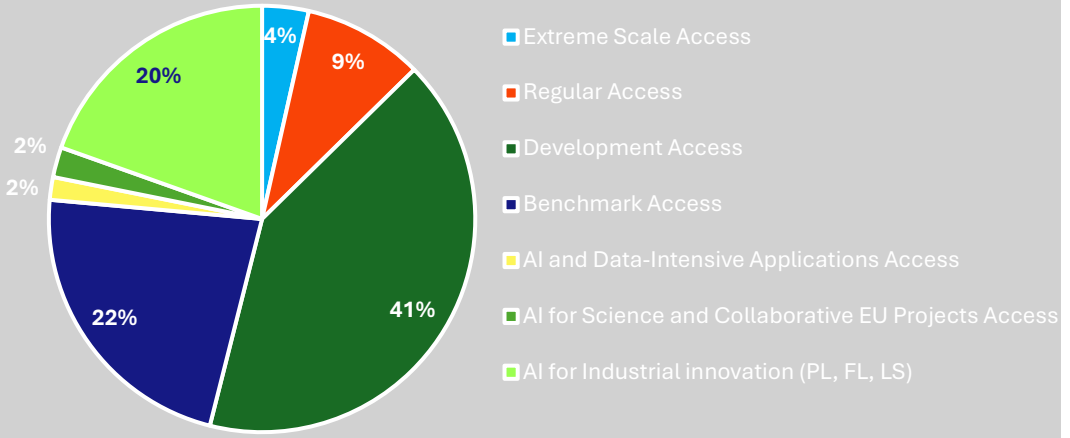
Impact of EuroHPC JU access opportunities

ACCESS CALL	PROPOSALS SUBMITTED	PROPOSALS AWARDED	NODE HOURS AWARDED
Extreme Scale Access (Dec 2022 - Apr 2026)	233	162	100,856,071
Regular Access (Dec 2021 - Mar 2026)	625	419	51,715,942
Development Access (Jan 2022 - Sep 2026)	2,461	1,896	12,135,863
Benchmark Access (Jan 2022 - Sep 2026)	1,266	1,033	4,457,467
AI and Data-Intensive Applications Access (Apr 2024 - Apr 2025)	123	79	3,266,600
AI for Science and Collaborative EU Projects Access (Jun 2025 - Sep 2026)	231	105	6,370,042
Playground Access (Apr 2025 - Sep 2026)	621	467	469,375
Fast Lane Access (Apr 2025 - Sep 2026)	553	362	2,180,686
Large Scale Access (Apr 2025 - Sep 2026)	155	69	9,432,405
TOTAL	**6,268**	**4,592**	**190,884,451**

Awarded resources distribution across access calls



Awarded proposals distribution across access calls



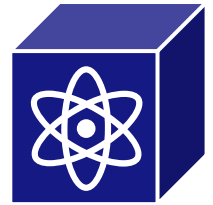
QUANTUM APPLICATIONS

System	Site (Country)	Technology/modality
Ruby	GENCI/CEA (FR)	Analogue simulator/Neutral atoms
Euro-Q-Exa	LRZ (DE)	Digital/Superconducting
Lucy	GENCI/CEA (FR)	Digital/Photonic
PIAST-Q	PCSS (PL)	Digital/Trapped Ions
VLQ	IT4I (CZ)	Digital/Superconducting

Quantum Access Pilot

For collecting performance data, code and algorithm development, development of workflows and QC trainings

Access duration 3-6 months
Allocation process duration – 2 weeks after the cut-off date (monthly cut-off dates)



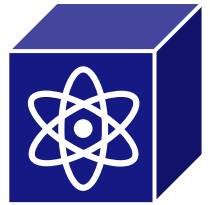
QUANTUM APPLICATIONS Peer-Review process

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Submission of an **online form**

Evaluations based on **technical feasibility**

Final results communication per system applied to

Emulator benchmark assignment for proposals to obtain feasibility proof

Practical advice when applying

- Check the JU website for updates
- Eligibility criteria – organization country and organization type
- Read the call documentation
- Fill-in the application form(s) with all relevant details (no inconsistencies)
- Keep team members in a reasonable number
- To ensure that your code can run on the system, apply first to preparatory access calls
- Plan the resources usage carefully and try to have homogenous usage throughout the award period
- Take the provided feedback and the technical reviewers into consideration
- Communicate any issues or concerns in a timely manner
- Do not wait until last minute to submit your application

THANK YOU!

For more information, feel free to visit our website and social media or contact us at:

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