

GPUs for your LLMs: Train your model on a supercomputer

EuroHPC Joint Undertaking



EuroCC



EuroCC Austria

- Pools European resources and efforts to develop a world-class supercomputing ecosystem in Europe
- Finances new powerful HPC infrastructure and initiatives to support HPC access, education and more

eurohpc-ju.europa.eu

- EU-funded initiative aimed to support the uptake of High-Performance Computing (HPC) in Europe
- Set up of 32 National Competence Centres (NCCs) for HPC, HPDA, AI

eurocc-access.eu

- Contact point and service provider for HPC, HPDA and AI in Austria
- Coordinated by Advanced Computing Austria with the University of Vienna, TU Wien, BOKU, INiTS

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European Supercomputing

LUMI
Finland
375/552 Pflop/s
Pre-exascale System

KAROLINA
Czech Republic
9.4/15.4 Pflop/s

MELUXINA
Luxembourg
12.8/18.0 Pflop/s

LEONARDO
Italy
249/323 Pflop/s
Pre-exascale System

VEGA
Slovenia
6.9/10.1 Pflop/s

DISCOVERER
Bulgaria
4.5/6.0 Pflop/s

DEUCALION
Portugal
7.2/10.0 Pflop/s



Vienna Scientific Cluster

Austria's flagship supercomputers

VSC-5

770 nodes

2 x AMD EPYC Milan (Zen3) CPUs á 64 cores
512 GB/node (1 TB / 2 TB)

48 nodes

2 x Intel Cascadelake CPUs á 48 cores
384 GB/node

60 GPU nodes

2 x Zen3 CPUs + 2 x NVIDIA A100 GPUs

40 GPU nodes

2 x Zen2 CPUs + 2 x NVIDIA A40 GPUs

Interconnect: Mellanox HDR InfiniBand (200 Gbit/s)

VSC-4

790 nodes

2 x Intel Skylake Platinum CPUs á 24 cores
96 GB/node (384 GB / 768 GB)

Interconnect: Intel Omni-Path (100 Gbit/s)

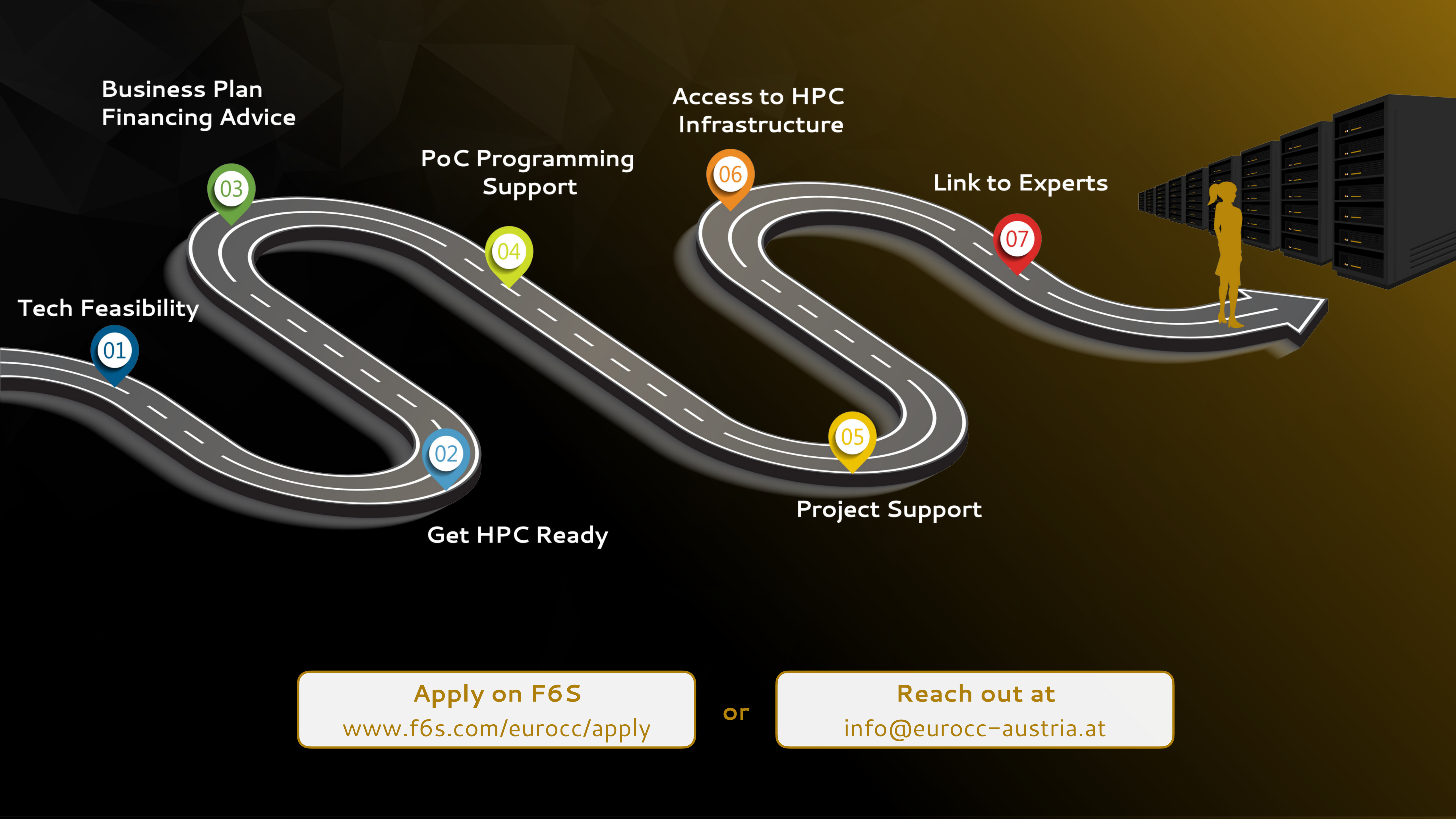
LEONARDO (Italy)

Austrian users have access to 500.000 GPU-h a year
on the Booster module via national AURELEO calls.



What EuroCC can do for you

**Support for SMEs, startups,
academia and public sector**



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Let's stay in touch!

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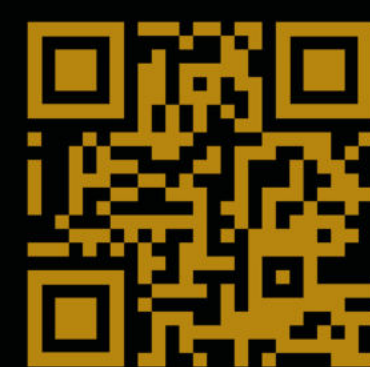
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