

## MeluXina: one of the most powerful supercomputers in Europe inaugurated in Luxembourg

On 7 June 2021, the European High Performance Computing Joint Undertaking (EuroHPC JU) world-class supercomputer MeluXina was officially inaugurated by His Royal Highness Henri, Grand Duke of Luxembourg, in Bissen, Luxembourg.



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MeluXina is capable of executing more than 10 Petaflops, the equivalent of 10 million billion calculations per second, which will rank it among the world's top 30 supercomputers. The petascale computer will be powered by green energy from a cogeneration plant powered by wood waste. MeluXina is funded via a joint investment of about €30 million from the European Union and Luxembourg.

Roberto Viola, Director General for Directorate-General for Communications Networks, Content and Technology, European Commission, said:

With today's inauguration of the MeluXina supercomputer in Luxembourg, we are one-step closer to realising the digital transformation and digital sovereignty of Europe. MeluXina will enable Luxembourgish and European researchers, industry (including SMEs), and public administrations to run innovative applications. As such, this will see a significant acceleration of advances in bio-engineering, weather forecasting, drug discovery, as well as personalised medicine. This will bring tangible benefits for EU

citizens.

For more information, there is a press release from the EuroHPC JU on the launch of the Meluxina supercomputer.

For more technical information, the technical specifications of the new system are contained in this dedicated section of the EuroHPC JU website.

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