Press Release

The LEXIS project has successfully kicked off

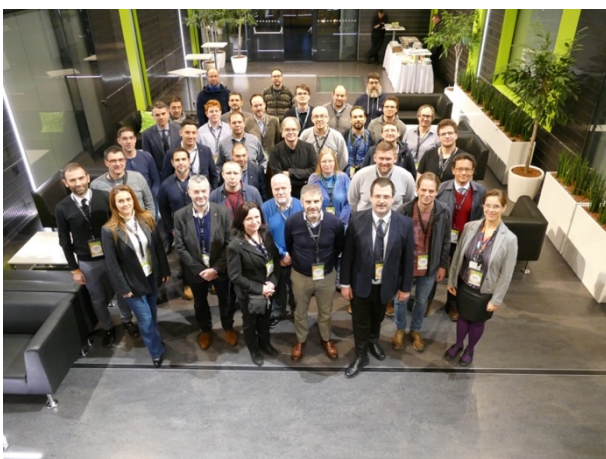**Ostrava, Czech Republic, 14th – 16th January 2019**

With its kick-off meeting in January in Ostrava, the LEXIS (Large-scale Execution for Industry & Society) project has now been officially launched. 16 partners from all over Europe gathered here and joined forces to set up all activities to be completed during the project. LEXIS brings together a consortium with the skills and experience to deliver a complex multi-faceted project, spanning a range of complex technologies across seven European countries.

Project coordinator Dr. Jan Martinovič clearly defines the immediate ambition of LEXIS: "Our target is to build an advanced engineering platform leveraging modern technologies from High Performance Computing (HPC), Big Data and Cloud Computing. We will demonstrate the benefits of the LEXIS project in the context of three industrial large-scale pilots which are Aeronautics, Weather & Climate, and Earthquake & Tsunami."

Combinations of HPC, Cloud and Big Data technologies are key to meeting the increasingly diverse needs of large and small organizations alike. Critically, access to powerful compute platforms for Small to Medium Enterprises - which has been difficult due to both technical and financial reasons - may now be possible. LEXIS will organise a specific call stimulating the project framework adoption and the stakeholders engagement on the targeted large-scale pilots.

Driven by the requirements of the pilots, the LEXIS platform will build on best of breed data management solutions and advanced, distributed orchestration solutions, augmenting them with new, efficient hardware capabilities in the form of Data Nodes and federation, usage monitoring and accounting/billing supports to realize an innovative solution.

This project receives funding from the EU's Horizon 2020 Research and Innovation programme (2014-2020) under Grant Agreement no. 825532. The overall approved budget of the LEXIS project is €14,036,272.50 including €12,218,545.50 as EU contribution.

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