

## Press Release

### The face-to-face progress meeting of the LEXIS project was a great success

The LEXIS project, running almost three years, is in its last mile. The face-to-face progress technical meeting, organised in Prague from 20<sup>th</sup> to 22<sup>nd</sup> October by IT4Innovations National Supercomputing Center, helped to summarise all major achievements and plan the next steps. Some of the partners gave their contributions remotely due to the Covid-19 pandemic, but the fruitful atmosphere provided those who were present with better mutual interactions to picture the work progress, share views and work together to find effective solutions to open points.

During the venue, an extensive live-demo of the LEXIS portal was given by Piyush Harsh, together with all its technical achievements presented by Marc Levrier, Stephan Hachinger and Alberto Scionti. Then, Antonio Parodi, Donato Magarielli and Stephane Louise reported the results of their respective pilots (Weather and climate, Aeronautics and Earthquake and tsunامي) with a particular attention to how their workflows are executed by the platform and the gain in performance is achieved. The statement of Donato Magarielli, who is leading the Aeronautics pilot, is significant: "We now confirm that the running time of our CFD simulations has dramatically reduced thanks to the LEXIS project. This will bring a competitive leap in terms of design time and improved design quality". Antonio Parodi, leader of Weather and climate use case, confirmed that the convergence of HPC and cloud relying on data-fusion from Smart Gateways, supporting in situ-observations, brings a significant advantage in weather forecasting and thus paving the way to targeted Civil Protection services that will improve their response.

During the progress meeting, major focus was given to the exploitation topics and to the ways in which the LEXIS platform shall eventually introduce itself at a competitive and demanding market. The presence of the members of the External Advisory Board together with the online comments and suggestions from Alan Sill gave a greater value and contribution to the venue, especially in this phase of the project when it is essential to focus on the exploitation of the impressive work done so far.





Further requests for information about the project can be addressed to [info@lexis-project.eu](mailto:info@lexis-project.eu) or to our LEXIS contact.

LEXIS is the European project in the Horizon 2020 framework with the aims to increase innovation by stimulating the interest of European Industries and creating an ecosystem of organisations that could benefit from the implemented platform of LEXIS setting up a connection between HPC, HPDA, Cloud and Data Management.

LEXIS runs from 2019 to 2021 with a budget of 14 M€ and involves 18 partners from all Europe. You can find more detailed information about LEXIS at [www.lexis-project.eu](http://www.lexis-project.eu) or by following us on Twitter, LinkedIn and Facebook.