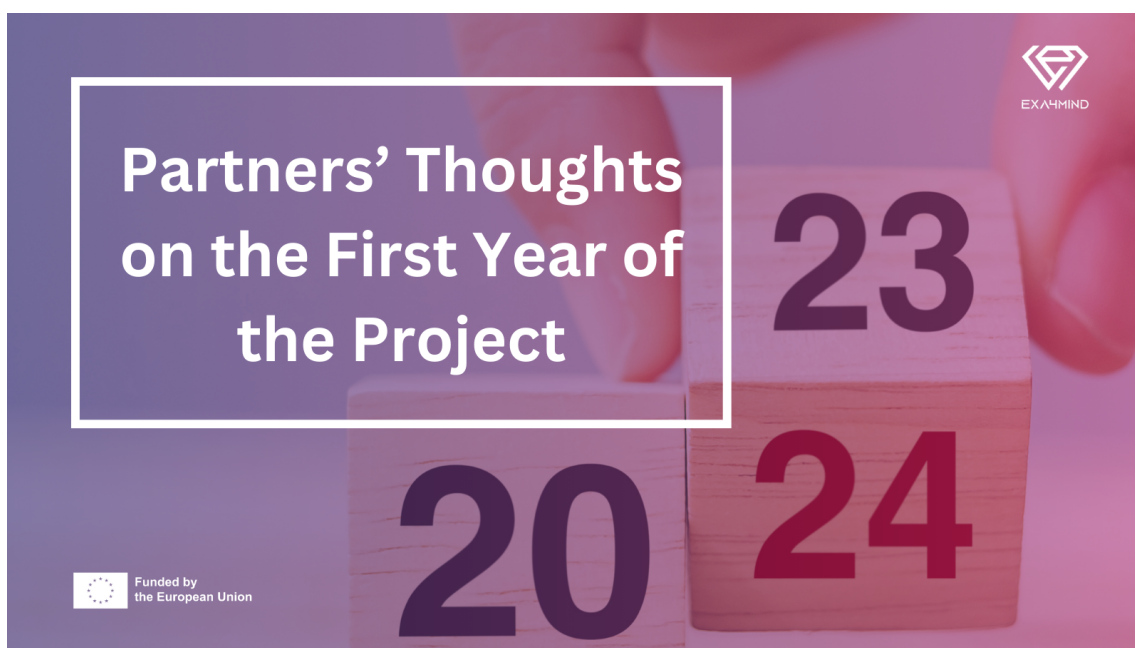




Welcome to the EXA4MIND Newsletter

Who are we? We are a Horizon Europe project that aims to build an extreme data platform that brings together large scale data storage systems and powerful computing infrastructures by implementing novel automated data management and effective data staging.

Partners' Thoughts on the First Year of the Project



Time flies and here we are, well into the second year of the project. As it happens, every cycle comes to an end, we look back and think about what we have achieved during the last twelve months and what we expect from the year to come.

We asked our partners about the progress made during the first year of the project, and their expectations for year two.

This Is What They Said

Meet the EXA4MIND External Advisory Board

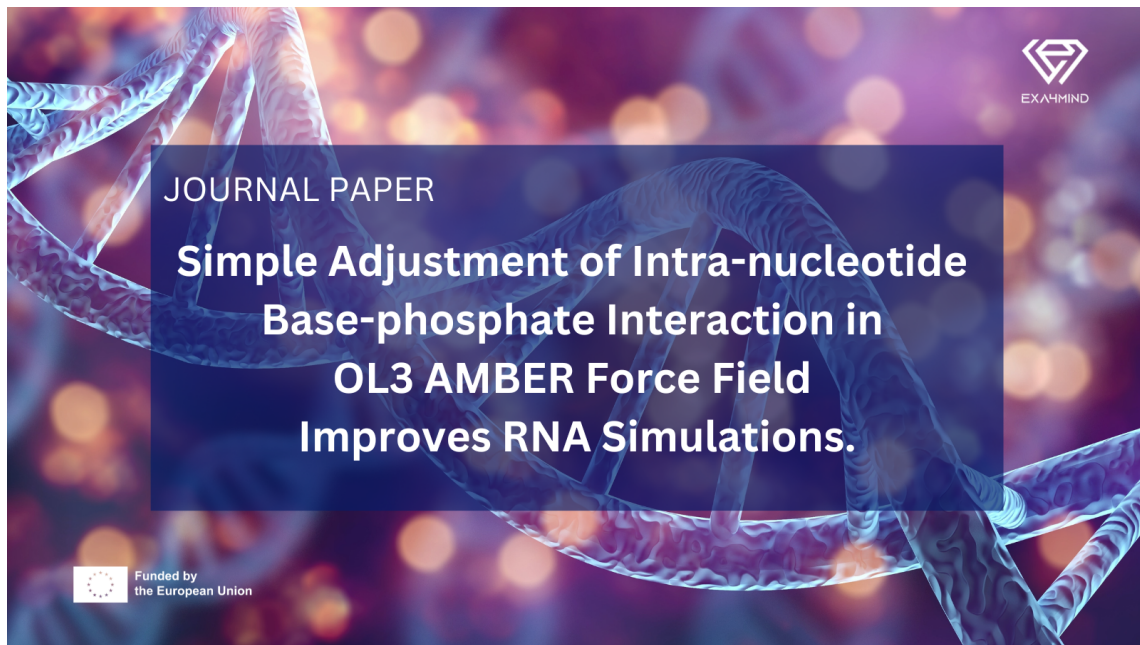


The **EXA4MIND External Advisory Board (EAB)** aims to provide **strategic advisory support** to ensure that the EXA4MIND project evolves appropriately and pursues its objectives. It is crucial for the project to receive continuous feedback from experts in the field.

EAB members will contribute to identifying the strengths and weaknesses of the project in the context of [European priorities](#) and challenges and will help connect the EXA4MIND project with other strategic initiatives.

Meet the EXA4MIND EAB

Journal Paper



Advancement in Molecular Dynamics Simulation

In November 2023, our **EXA4MIND** consortium member *Michal Otyepka* ([IT4Innovations](#)), in collaboration with researchers from the [Institute of Biophysics of the Czech Academy of Sciences](#) and the [Czech Advanced Technology and Research Institute](#), published a journal paper with the title ['Simple Adjustment of Intra-nucleotide Base-phosphate Interaction in OL3 AMBER Force Field Improves RNA Simulations'](#).

[Discover More](#)

Participation in International Events



EXA4MIND at the European Big Data Value Forum 2023

An important event for the European community interested in Big Data and artificial intelligence took place in the city of Valencia from 25 to 27 October. [The European Big Data Value Forum](#) (EBDVF), organised by the [Big Data Value Association](#), was hosted under the auspices of the Spanish European Council presidency in collaboration with the European Commission and local partners. **EXA4MIND was represented by its team** and management, showing its commitment to the European Big Data community.

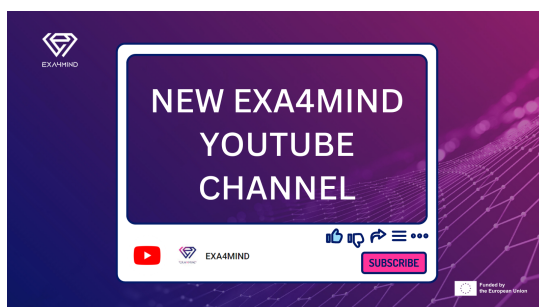
Discover More



EXA4MIND Project Promoted at the Biggest HPC Event of the Year

The **35th international conference focused on high-performance computing, networking, storage, and analysis - SC23** - was held from 12 to 17 November at the Colorado Convention Centre in Denver, USA. Its theme 'I am HPC' attracted over 14,000 HPC professionals and offered space to 438 exhibitors from all around the world. **EXA4MIND had the opportunity to highlight its activities**, and the visitors to the IT4Innovations booth had the chance to win valuable prizes, and get an insight into the project.

[Discover More](#)



New Launch: EXA4MIND YouTube Channel

Dive into the heart of cutting-edge data analytics and supercomputing with **EXA4MIND's new YouTube**

Visit EXA4MIND's YouTube Channel

channel. It is a window into the latest progress of the project.

Campaign: Faces of EXA4MIND

Involving top talent from prestigious universities and research centres, small and medium-sized enterprises and industry, **ten partners from six countries have joined forces to make EXA4MIND a reality** and create a unique Extreme Data analytics platform by 2026.

With the **series 'Faces of EXA4MIND'** we want to introduce the people who work every day to achieve our ambitious goal: Building a platform for Extreme Data that enables advanced data analytics on supercomputers and automated data management with support for integration by design with EOSC and European data spaces.



Jan Martinovič
(IT4Innovations)

We introduce you **Jan Martinovič** from **IT4Innovations** and **project coordinator of EXA4MIND**. *'In the project we would like to help society, researchers and industry to work with Big Data and to provide to them an Extreme Data analytics platform'*, he



Stephan Hachinger
(BADW-LRZ)

We present **Stephan Hachinger** from **Leibniz Supercomputing Centre** and **science and co-design coordinator of EXA4MIND**. *'I am trying to give the design process for all our technical systems a good direction in communication with our application case partners'*, he

explains when asked about
EXA4MIND's main aim.

explains when asked about his role
within the project.

Watch His
Interview

Watch His
Interview



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