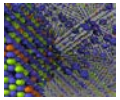
Features

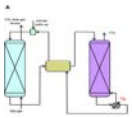
- **High-level software abstractions** for improving productivity of application development.
- **Optimization tools:** memory management, code quality and fault tolerance support.
- **Increased productivity:** Minimization of cost, time and complexity for application deployment in exascale architectures.

Applications

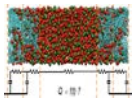
LQCD
High energy physics



KKRnano
Materials science



Material and process design for CO2 capture



MetalWalls
Supercapacitors

"Application development, optimization and deployment in heterogeneous exascale systems"

https://exa2pro.eu

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 801015.

European Commission | Horizon 2020 European Union funding for Research & Innovation

Enhancing Programmability and boosting Performance Portability for Exascale Computing Systems

exa2pro