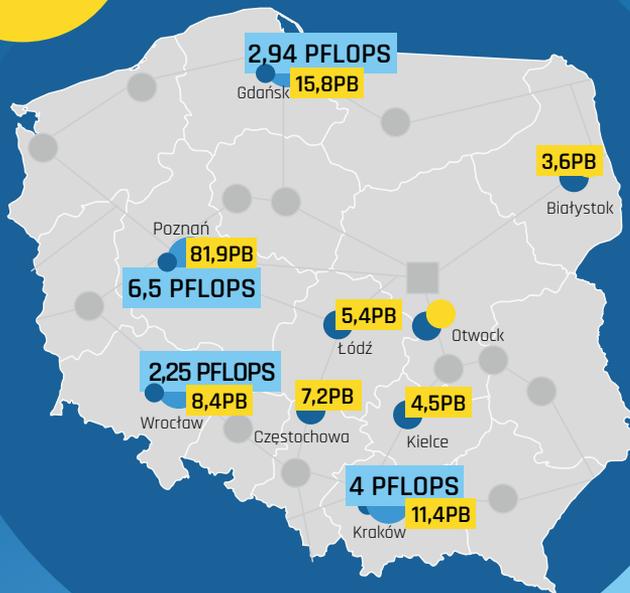


# pracelab

Cooperation on Advanced  
Computing in Europe

16+ PFlops  
120 PB



Complex problems made easy

The PRACE-LAB provides production-based **advanced computing** and data storage services, standing behind the **scientific community** in Poland and Europe and, at the same time, being capable of offering competitive services for industry in cloud computing/cloud data, and virtual environments, as well as specialized expertise in cybersecurity.



The direct goal of the project is to build a widely available HPC infrastructure consisting of **high-performance computing servers**, specialized processing units and resilient data management systems.

The advanced e-infrastructure (cloud/data and HPC), based in 8 geographically distributed sites, is connected to the national academic **PIONIER network** with the speed of 100-400 Gbps in fullmesh technology and to the European GÉANT network. The integration of this infrastructure with the **European EuroHPC** and **PRACE HPC systems** is planned at a later stage and will allow us to take advantage of the national resources under a wider European EuroHPC/PRACE ecosystem.



2021 - **4 HPC** Polish **systems** became operational and deployed for data driven science (Cyfronet, CI TASK, WCSS, PSNC). Three of them are positioned at **TOP500** and **Green500** lists.

Learn more at [www.prace-lab.pl](http://www.prace-lab.pl)

Project partners

