

PLGrid Infrastructure for EOSC

Andrzej Zemła - ACC Cyfronet AGH

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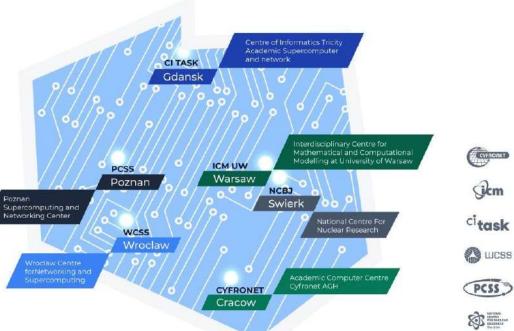






PLGrid Consortium

Established in 2007 under agreement between the largest polish HPC centers in order to distributed build manage and computing infrastructure for science - PLGrid infrastructure















PLGrid Consortiun

PLGrid projects implemented as part of a consortium













PLGrid infrastructure resources for scientiffic community



Computing resources



Cloud resources



Storage resources

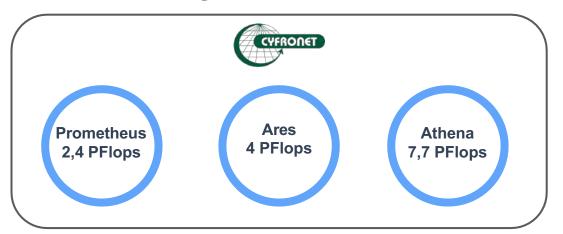


Scientific applications



Cooperation tools

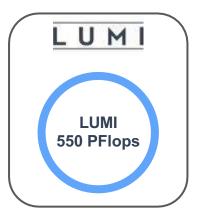
HPC resources integrated with PLGrid infrastructure













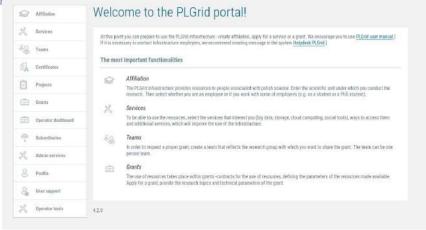
PLGrid operational tools and platforms

- IdP service
- User portal
- Resource allocation platform
- User support



https:/portal.plgrid.pl/



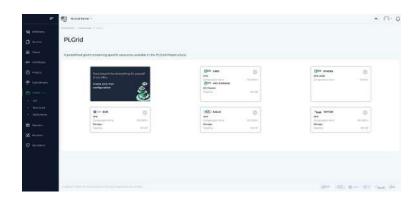




PLGrid operational tools and platforms

Resource allocation platform



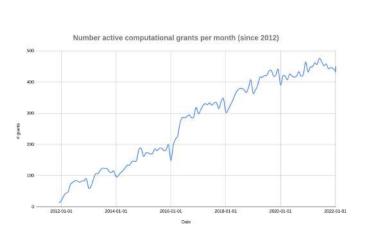


User support platform





PLGrid users active accounts 12500 10000 7500 2000 2010 2014-01.01 2016-01.01 2018-01.01 2029-101 2029-101



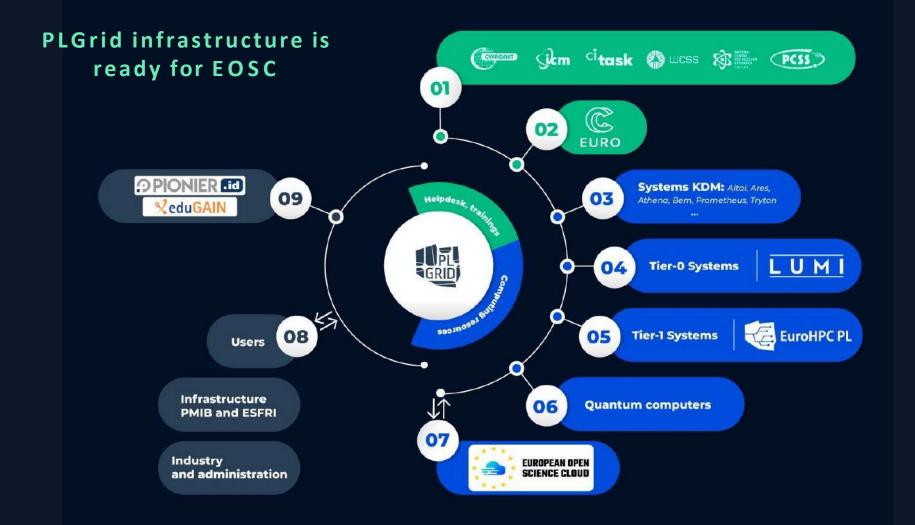














PLGrid infrastructure for EOSC



Project on Polish Roadmap for Research Infrastructures:

National Cloud Infrastructure PLGrid for EOSC

- federated cloud computing services
- large-scale data processing
- FAIR for computer science datasets
- repeatability and reproducibility of results
- domain-speciffic tools
- common infrastructure exposed to EOSC



ACC Cyfronet AGH EOSC related activity

HPC service provider for https:/grapevine-project.eu project to calculate and evaluate meteorological complex models and to train machine learning models.







