INDIGO-DataCloud

Towards a sustainable European PaaS-based cloud solution for e-Science

INDIGO-DataCloud delivers open source software services tailored to scientific communities and to e-infrastructures, aimed to increase ease of use and effectiveness in the exploitation of Cloud resources by them.

Several components at disposal of different scientific communities.
Choose the one that suits your needs!

| User-oriented access services (User Interfaces, Mobile Applications, Scientific Portals) |
| Optimized exploitation of resources across multiple Cloud infrastructures |
| Seamless and integrated access to geographically distributed data |
| Improved functionalities in the popular Cloud frameworks OpenNebula and OpenStack |

INDIGO-DataCloud for you

Researchers: dive into a pool of computing resources
The combination of the INDIGO services allows scientific communities to access data and use resources seen as a “big pool” of computing and storage, without the need to know their type or location or writing specialized software.

eInfra / RI managers: choose your component, optimize your work
INDIGO components are essential for resource providers, resource centers and cloud infrastructures since they provide tools for optimal exploitation of distributed resources. All INDIGO components enable services for research infrastructures such as ESFRI projects and similar initiatives.

Scientific communities: find & customize your tool
The INDIGO services are being developed according to the requirements collected within various multidisciplinary scientific communities, such as ELIXIR, WeNMR, INSTRUCT, EGI-FedCloud, DARIAH, INAF-LBT, CMCC-ENES, INAF-CTA, LifeWatch-Algae–Bloom, EMSO–MOIST. They are also being implemented to be easily reused by other communities and for the so-called Long Tail of Science.

National and Regional e-infrastructures
The INDIGO Consortium directly connects to national and regional e-infrastructures through its 26 partners, located in 11 European countries. INDIGO is also mentioned in the vision paper recently issued by Italy, Luxembourg and France on an Important Project of Common European Interest (IPCEI) for the exploitation of HPC and HTC resources at the national, regional and European level, which received an official endorsement by the European Commission.

www.indigo-datadcloud.eu
@indigodatadcloud

The path towards INDIGO - DataCloud Release

- Demo release – April 2016
- First INDIGO software release - July 2016
- Second release - March 2017