An H2020 project approved in January 2015 in the EINFRA-1-2014 call

- 11 M€

Who: 26 partners from 11 European countries

What: develop an open source platform for computing and data targeted at multi-disciplinary scientific communities

Where: provisioned over hybrid (public and private) e-infrastructures
INDIGO objectives

- Provide **seamless access** to data and computing provisioned over private, public or hybrid e-infrastructures

- Leverage and extend current Cloud technologies, **fill the gaps**, provide tools and services to support scientists, software developers, resource providers and e-infrastructures for the **efficient exploitation of computing, data and network technologies**:

  Better software for better science
INDIGO AAI: main challenges

- **Authentication**
  - Support for federated AuthN & social logins

- **Identity Harmonisation**
  - Link accounts to a single INDIGO identity, providing a persistent identifier orthogonal to AuthN mechanism

- **Authorization**
  - Orthogonal to AuthN, Dynamic
  - Consistent across heterogeneous infrastructures

- **Delegation**
  - Provide the ability for services to act on behalf of a user
  - Support offline access

- **Provisioning**
  - provision/de-provision identities to services/relying resources

- **Token translation**
  - enable integration with services relying on heterogeneous AuthN mechanisms
INDIGO AAI: a standards based approach