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Virtual Observatory community standards global to local efforts to enable FAIR data and services



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EURO BIBLIO BIBL

an operational VO in Europe. It supports the utilization of VO tools and services by the scientific community, technology take-up and VO compliant resource provision, and building of the technical infrastructure.



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The Virtual Observatory (VO) is the vision that astronomical datasets and other resources should work as a seamless whole. Many projects and data centres worldwide are working towards this goal. The International Virtual Observatory Alliance (IVOA) is an organisation that debates and agrees the technical standards that are needed to make the VO possible.

INAF
ISTITUTO NAZIONALE
DI ASTROFISICA

VObs.it is the initiative allowing the Italian astronomical community to participate in the activities of the International Virtual Observatory Alliance (IVOA). The aim of VObs.it is to coordinate within the unified VO approach the archives and databases developed by the Italian community.

INAF contributed efforts

- ▶ staff
 - reference person in IVOA Exec
 - coordination roles in TCG
 - > standardisation efforts
 - archives
 - computing solutions
 - ▷ IVOA organisational tools support
- ► USC-VIII

2006

- > main financial support
- ▷ relevant to Sector 2 "Data Curation"
- relevant to Sector 3 "R&D synergies"
- connects to "Standards and Interoperability" thematic group

2009

2010

2011

2013

2014

2012

- Open Science Working Group
- relevant to Open Data internal group
- □ connects to GLOS CoPER

2008

2007

relevant activities require

costant endeavour to grow

consensus among different

involved stakeholders

> overhead

such effort

many interfacing efforts among various projects, initiatives, and communities
→ overhead

such effort is <u>NEEDED</u>
if FAIR, Open (=good)
Science is the goal

2022

2023

2024

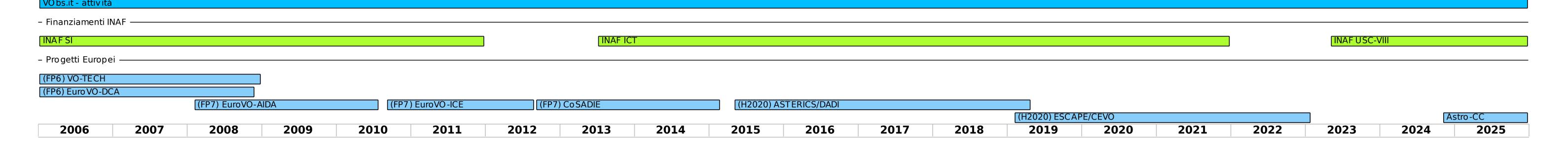
2025

improve valorisation and acknowledgment of the continuous effort needed to support all relevant activities

2019

2020

2021



2016

2017

2018

2015