Fostering interdisciplinary Open Science in IPERION HS with OpenAIRE CONNECT

Laura Benassi
CNR-INO
IPERION HS

https://www.iperionhs.eu/

IPERION HS is a European project that is contributing to establish E-RIHS, the European Research Infrastructure for Heritage Science.

Heritage science - what is?
Heritage science draws on diverse humanities, sciences and engineering disciplines.
IPERION HS OVERVIEW

Type of action
H2020-INFRAIA-2019-1

Partners
24 national hubs

Duration
36 months (2020 - 2023)

EU contribution
€ 6.162.711,12

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23 countries
24 national nodes
67 organisations
OVERVIEW

The IPERION HS gateway

Scenario
An interdisciplinary community

Solution and implementation
A single entry-point for all the scientific outputs – OpenAIRE Connect

Impact
Best practices in open heritage science, more visibility for IPERION HS research and exchange with other research community
#1 – Scenario
• IPERION HS is a relatively recent **interdisciplinary** community, with different approaches, tools and methods to understand, interpretate, preserve tangible heritage.

• **Critical points:**
  • To be updated on the latest publications, datasets, standards, softwares, etc.
  • To spread open science best practices inside the community
  • To adopt standards for interoperability
  • To monitor the impact of the IPERION HS community on the global community of heritage science
#2 – Solution and Implementation

*Connect*
UNLOCK THE POTENTIAL FOR COLLABORATION — INTERNAL & EXTERNAL

Use cases from the EOSC Community | 16 May 2023 | Online
Enhancing discovery with a customised search engine

OpenAIRE created a targeted gateway, configurable to specific content based on
- repositories/journals of choice
- funding data
- Zenodo communities
- enabled by automate selection process

• A secure place for IPERION HS community to publish results, in a guided manner, following OS practices
• Useful for IPERION HS/E-RIHS Research Community, to showcase interdisciplinary contents under one branding
• Set up in less than one month
WHAT I GET

An admin dashboard for curators to configure the gateway

A team to guide you to get more content and to set up OS policies
WHAT I GET

A customised portal for your community where users can ...

- SEARCH any type of research works
- Check out the UPTAKE of Open Science practices of the community
- Find the right place to DEPOSIT
- LINK research works among them and with funding projects

Use cases from the EOSC Community | 16 May 2023 | Online
IPERION HS Case study

• IPERION HS community is composed of chemists, physicists, conservators, art historians, archaeologists... They have very different backgrounds, they publish on different journals and have specific repositories for depositing datasets, etc...

• The CONNECT gateway guides researchers to make the research visible and available. How?

• Steps for the IPERION HS researcher:
  • deposit the research products in the IPERION HS Community in ZENODO
  • describe the research products in a FAIR way
  • have ORCID profile automatically updated
  • have the research products linked to the funders (eg. EU) and projects (eg. IPERION HS)
  • have the research products directly caught from OpenAIRE and then..
  • included in the CONNECT gateway!

Discover more: https://connect.openaire.eu/search/find/communities
#3 – Impact

OpenAIRE Services and EOSC

Use cases from the EOSC Community | 16 May 2023 | Online
Expected impact on being in EOSC

• OpenAIRE Services are part of the EOSC Portal’s Services. IPERION HS/E-RIHS too.
• The OpenAIRE CONNECT and EOSC are increasing the discoverability of IPERION HS/E-RIHS services and research outputs
• CONNECT answers the need of our community to make easier data curation and data interoperability in a so interdisciplinary community.
• The community is also encouraged to practice open science and to make the research results available.
• CONNECT allows monitoring the impact of IPERION HS/E-RIHS community on the global community of heritage science
• The wishes for the future are already here. Together with OpenAIRE, we are also curating a new gateway focused on “heritage science” that will be the legacy of IPERION HS to E-RIHS and the global community. The collaboration with EOSC and OpenAIRE is supporting our researchers to practice open science, monitor the impact of our research on the community and share the knowledge with a broader community. This means innovation, new collaborations...