

OIPUB

A DIGITAL PLATFORM FOR ENHANCED DISCOVERY AND DISCUSSION OF RESEARCH

ABOUT

OiPub is a platform to discover and discuss research. Among other features, OiPub allows you to create tailored online research communities which are automatically populated with all relevant research papers and discussion. Our system is built around our tagging, broadcasting and privileges system which makes it easier and better than ever to discover the right information and share ideas with experts and peers in every niche.

CHALLENGE

The aim of the pilot was to build OiPub's Minimum Viable Product (MVP) design, focusing on the core aspects that bring the most value to its users.

HOW THEY USED EOSC SERVICES

OiPub used EOSC DIH's computational support through EGI, service expert consulting and support through OpenAIRE. OiPub investigated various services, APIs & data dumps as part of their pilot. These include CrossRef, ORCID, OpenAlex, as well as EOSC / OpenAIRE services such as ScholExplorer, OpenCitations & most importantly OpenAIRE Research Graph for paper metadata and metrics. OiPub received business strategy consulting, product design review and user testing support through the EGI DIH team. OiPub also learned of many funding opportunities and successfully received support through some of these with the help of EOSC DIH.

RESULTS

The pilot led to co-design and validation of the MVP with direct input from potential end-users. Comprehensive investigation and evaluation of relevant EOSC services were conducted to enhance the product. Additionally, the business and growth strategy underwent thorough review and refinement through strategic consulting. The project further garnered valuable insights through user testing and feedback from the EOSC DIH team as well as prospective end-users. Through this work and with the support of EGI-ACE, OiPub was able to adapt the massive OpenAIRE Research Graph to its topics-based broadcasting system. The computations and Natural Language Processing work involved resulted in 3.4 billion publication-keyword links that would form the foundations of OiPub's topic broadcasting system, along with other data intensive outputs.

IMPACT

The project achieved a notable increase in TRL from TRL3 to TRL6, supported by crucial assistance in co-designing the product during the early design phase. Alignment of OpenAire Graph data dump with internal broadcasting systems paved the way for refining broadcasting, ranking, and sorting tools. Valuable user feedback informed design tweaks for the upcoming open beta release. Additionally, the project secured a significant funding grant with crucial support from EOSC DIH, enabling accelerated business growth. The participation in EOSC-related events and conferences facilitated the demonstration of the system to early audiences, providing essential awareness, recognition, and support for OiPub's growth and networking opportunities.

COUNTRY: MALTA

SECTOR: OPEN SCIENCE



BUSINESS PARTNER

OiPub

EOSC SERVICE PROVIDER



SUPPORTING PROJECT

