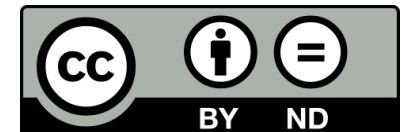


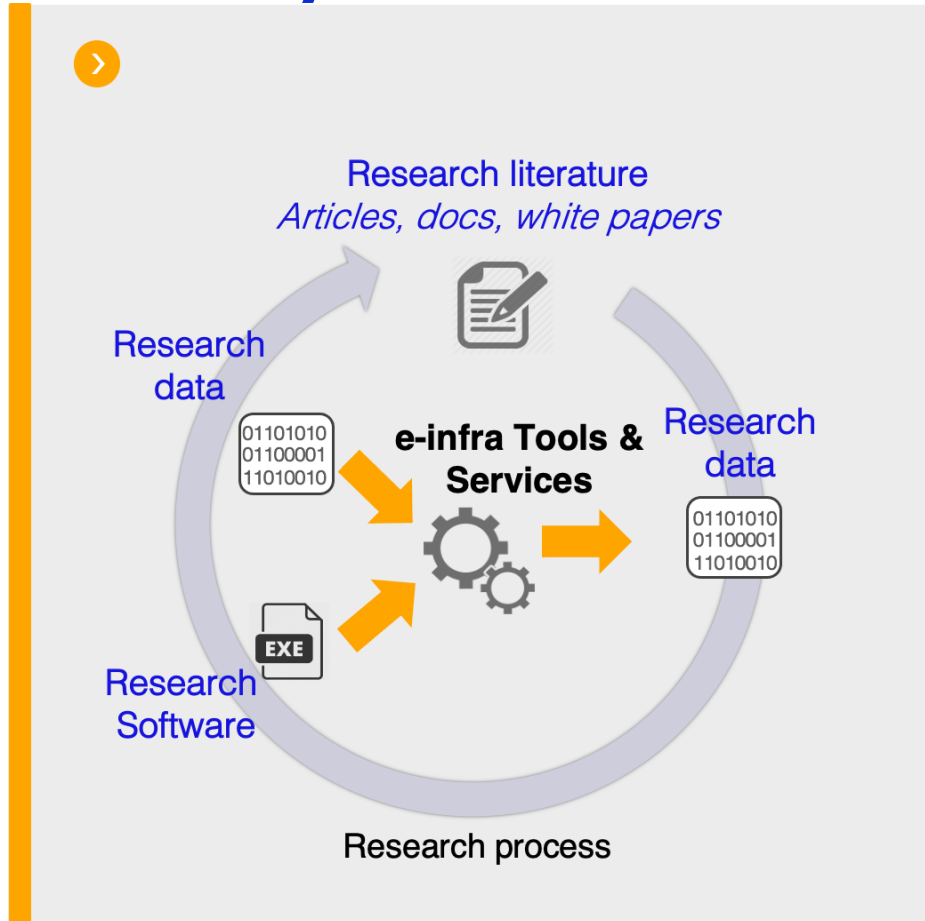
Discovery (Catalogues) **F**AIR Capability and examples

Paolo Manghi (OpenAIRE)

The EOOSC Future project is co-funded by the
European Union Horizon Programme call
INFRAEOOSC-03-2020, Grant Agreement 101017536

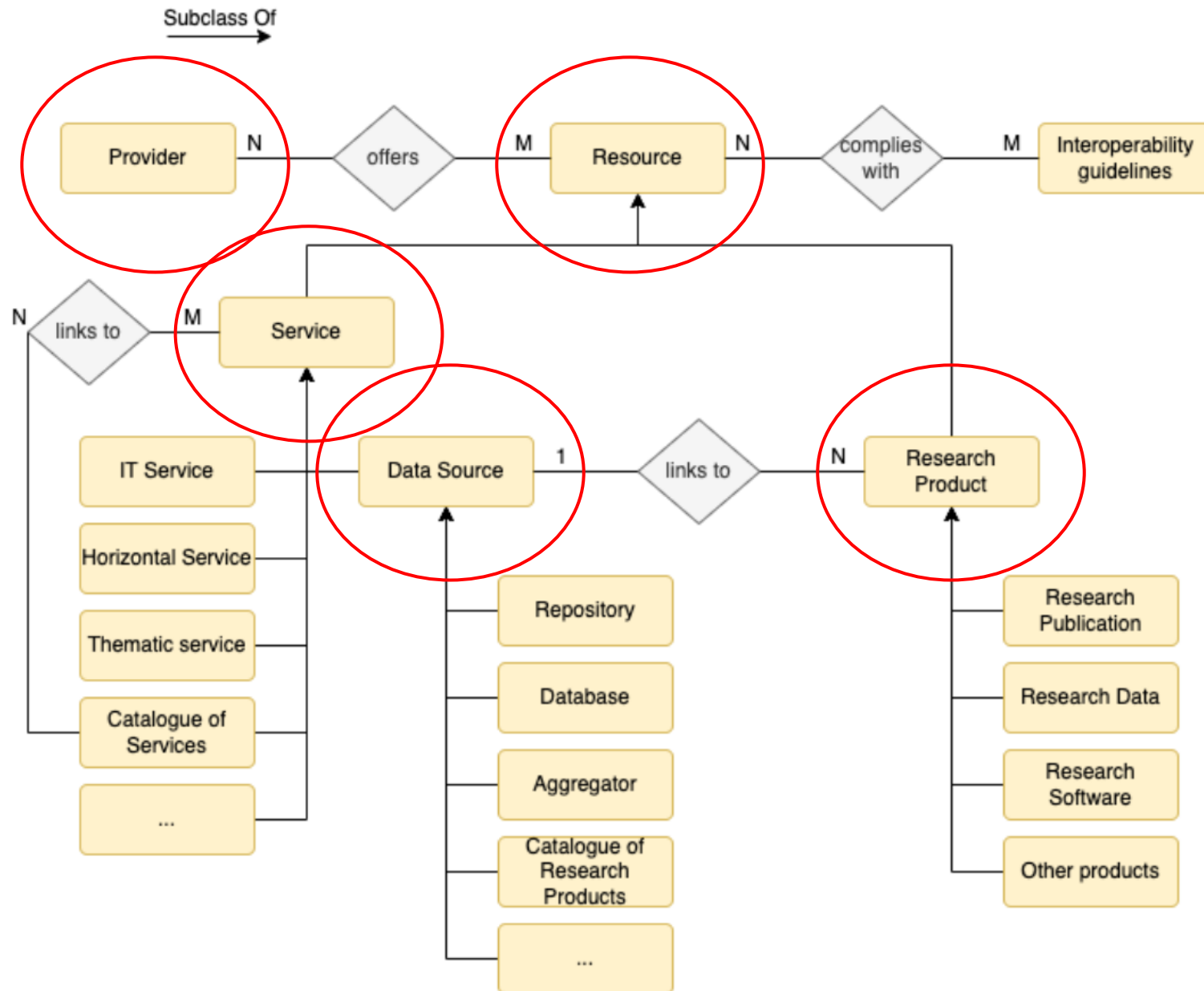


A platform for research data, software and service discovery



- Research data and software:
- As a **first-class citizen** in scholarly communication and in the research flow
 - As a **product** of a research activity
 - For **transparency** of research evaluation
 - For **reproducibility** and **repeatability** by referring to services and tools
 - For **omni-comprehensive** reward

EOSC Knowledge Graph



Example

Mario is a PhD student interested in human interactions, studying how children of various ages collaboratively solve problems and align on their decisions

He lands on the EOSC Marketplace to find products and services that might be useful for his investigation and performs the search: "alignment analysis children"

The screenshot shows the EOSC Marketplace search results for the query "alignment analysis children". The search bar at the top contains the query and a search button. Below the search bar, there are navigation tabs for "All catalogs", "Publications", "Data", "Software", "Services", "Data sources", and "Trainings". The "All catalogs" tab is selected, showing 22,121 results. A "Filters" section on the left includes "Research step" and "Type of product". The "Research step" filter has options like "Discover Research Outputs", "Process and Analyse", "Access Research Infrastructures", "Access Training Material", "Access Computing and Storage Resources", "Manage Research Data", "Publish Research Outputs", "Find Instruments & Equipment", and "Discover and Analyse". The "Type of product" filter has options like "publication", "dataset", "software", and "service". The search results are displayed in a grid of cards. The first card is highlighted with a red box and is titled "JUSThink Alignment Analysis". This card shows the product type as "Software", the date "08 August 2022", and the author names "Norman, Utku; Dinkar, Tanvi; Bruno, Barbara; Clavel, Chloé". The DOI is "10.5281/zenodo.4675070".

The screenshot shows the product page for "JUSThink Alignment Analysis". The page header includes the EOSC logo and navigation links for "Home" and "Search". The product title is "JUSThink Alignment Analysis" and it is categorized as "Research Software" and "Software". The page shows the product is funded by "EC| ANIMATAS" and is available for download from "ZENODO". The product is published on "08 Aug 2022" by "Zenodo". The authors listed are "Norman, Utku; Dinkar, Tanvi; Bruno, Barbara; Clavel, Chloé". The product is available under "OPEN ACCESS" and in "ENGLISH". The page also shows a "Summary" section and a "Related research" section. The "Abstract" section describes the repository's purpose: "Description This repository contains tools to automatically analyse how participants align their use of task-specific referents in their dialogue and actions for a collaborative learning activity, and how it relates to the task success (i.e. their learning outcomes and task performance). As a use case, it processes data from a collaborative problem solving activity named JUSThink [1, 2], i.e. JUSThink Dialogue and Actions Corpus data set that is available from the Zenodo Repository, DOI: 10.5281/zenodo.4627104, and reproduces the results and figures in [3]. In brief: JUSThink Dialogue and Actions Corpus contains transcripts, event logs, and test responses of children aged 9 through 12 as they participate in the JUSThink activity [1-2] in pairs of two to". The page is powered by "OpenAIRE Research Graph" and has a last update of records in OpenAIRE on "Sep 19, 2022".

Example

EUROPEAN OPEN SCIENCE CLOUD

Home Search

186

1

View all 3 versions

Research Software . Software . 2022

JUSThink Alignment Analysis

Norman, Utku; Dinkar, Tanvi; Bruno, Barbara; Clavel, Chloé;

OPEN ACCESS ENGLISH

DOI: 10.5281/zenodo.4675070, 10.5281/zenodo.6974562, 10.5281/zenodo.4675069

Published: 08 Aug 2022

Publisher: Zenodo

Summary **Related research (2)**

Abstract

1. Description This repository contains tools to automatically analyse how participants align their use of task-specific referents in their dialogue and actions for a collaborative learning activity, and how it relates to the task success (i.e. their learning outcomes and task performance). As a use case, it processes data from a collaborative problem solving activity named JUSThink [1, 2], i.e. JUSThink Dialogue and Actions Corpus data set that is available from the Zenodo Repository, DOI: 10.5281/zenodo.4627104, and reproduces the results and figures in [3]. In brief: JUSThink Dialogue and Actions Corpus contains transcripts, event logs, and test responses of children aged 9 through 12 as they participate in the JUSThink activity [1, 2] in pairs of two, to

Powered by [OpenAIRE Research Graph](#). Last update of records in OpenAIRE: Sep 19, 2022

Funded by
EC| ANIMATAS

Download from View all 3 sources >

ZENODO
Software . 2022
License: <https://opensource...>
Providers: Datacite

186

1

Research Software . Software . 2022

JUSThink Alignment Analysis

Norman, Utku; Dinkar, Tanvi; Bruno, Barbara; Clavel, Chloé;

Summary **Related research (2)**

Filter by relation
All relations

2 Research Products, Page 1 of 1

2022 . Harvested . IsSupplementTo
Studying Alignment in a Collaborative Learning Activity via Automatic Methods: The Link Between What We Say and Do

2021 . Harvested . IsSupplementedBy
JUSThink Dialogue and Actions Corpus

ACTIONS

Access the source code at the hosting source

Funding EC project ANIMATAS

Links to other research products:
article and dataset

Research in context #1

Software

The screenshot shows the Zenodo page for the software 'JUSThink Alignment Analysis'. It is funded by ECI ANIMATAS. The page includes a summary, abstract, and download options. The abstract describes a repository of tools for analyzing dialogue alignment in collaborative learning activities.

Article

The screenshot shows the Zenodo page for the article 'Studying Alignment in a Collaborative Learning Activity via Automatic Methods: The Link Between What We Say and Do'. It is funded by ECI ANIMATAS. The page includes a summary, abstract, and download options. The abstract discusses a dialogue occurring between interlocutors in a collaborative learning task.

fundedBy

fundedBy

supplementOf

supplementOf

supplementOf

fundedBy

Funding project

The screenshot shows the ANIMATAS project page. It is a European Commission project (H2020 MSCA-ITN-2017) with a budget of 3,890,620 EUR. The project aims to advance innovative human-machine interaction with human-like social capabilities for education in schools. The page includes a summary, publications, research data, and software.

Data

The screenshot shows the Zenodo page for the dataset 'JUSThink Dialogue and Actions Corpus'. It is funded by ECI ANIMATAS. The page includes a summary, abstract, and download options. The abstract describes the information contained in the dataset, including dialogue transcripts, event logs, and test responses of children.

Research in context #2

Funding project

Project . 2018 - 2022 . Closed

ANIMATAS

Advancing intuitive human-machine interaction with human-like social capabilities for education in schools

OPEN ACCESS MANDATE FOR PUBLICATIONS EUROPEAN COMMISSION

Funder: **European Commission** Project code: **765955** Call for proposal: **H2020-MSCA-ITN-2017**

Funded under: **H2020 | MSCA-ITN-ETN** Overall Budget: **3,890,620 EUR** Funder Contribution: **3,890,620 EUR**

Status: **Closed**

01 Jan 2018 (Started) 30 Jun 2022 (Ended)

Detailed Project Information (CORDIS) ¹⁵ →

Open Access mandate
Research data: **No**

Summary Publications (60) Research data (4) Research software (3) Dmps

Description

ANIMATAS will establish a leading European Training Network (ETN) devoted to the development of a new generation of creative and critical research leaders and innovators who have a skill-set tailored for the creation of social capabilities necessary for realising step changes in the development of intuitive human-machine interaction (HMI) in educational settings. This will be achieved through (1) a transnational network of universities and industrial partners that will supervise and deliver specialized training for early stage researchers (ESRs), and (2) the cross-fertilization of state-of-the-art methods

Partners

PRES, INESC ID, Uppsala University, SOFTBANK ROBOTICS EUROPE, UPMC, KTH, IMT, JacobsUn EPFL

Powered by **OpenAIRE Research Graph** . Last update of records in OpenAIRE: Sep 19, 2022

EUROPEAN OPEN SCIENCE CLOUD

Home Search

Project . 2018 - 2022 . Closed

ANIMATAS

Advancing intuitive human-machine interaction with human-like social capabilities for education in schools

Summary Publications (60) **Research data (4)** Research software (3) Dmps

RECENT RESEARCH DATA

Research Data . 2021

PE-HRI-temporal: A Multimodal Temporal Dataset in a robot mediated Collaborative Ed

OPEN ACCESS ENGLISH

Authors: **Jauwairia Nasir; Barbara Bruno; Pierre Dillenbourg;**

DOI: [10.5281/zenodo.5576057](https://doi.org/10.5281/zenodo.5576057) ², [10.5281/zenodo.5576058](https://doi.org/10.5281/zenodo.5576058) ²

Publisher: **Zenodo**

Project: **EC | ANIMATAS (765955)**

This data set consists of multi-modal temporal team behaviors as well as learning outcomes collected in the context of a robot m JUSThink [1,2]. The data set can be useful for those looking to explore evol...

Research in context #3

Software

The screenshot shows the EOSC interface for the software 'JUSThink Alignment Analysis'. The page includes a header with the EOSC logo and navigation links for 'Home' and 'Search'. A purple box highlights a button labeled 'CHECK COMPATIBLE EOSC SERVICES'. The main content area displays the software title, authors (Norman, Utku; Dinkar, Tanvi; Bruno, Barbara; Clavel, Chloé), and options for 'OPEN ACCESS' and 'ENGLISH'. It also lists DOI links, the publication date (08 Aug 2022), and the publisher (Zenodo). A 'Summary' section is visible, along with an 'Abstract' section. The footer indicates the software is powered by OpenAIRE Research Graph and provides the last update date (Sep 19, 2022). On the right side, there is a 'Funded by' section listing 'EC| ANIMATAS' and a 'Download from' section with a link to 'View all 3 sources'. A 'ZENODO' section is also present, providing details about the software version (2022), license (https://opensource...), and provider (Datacite).

Research in context #3

Software

EUROPEAN OPEN SCIENCE CLOUD Home Search

View all 3 versions
Research Software . Software . 2022

JUSTThink Alignment Analysis

Norman, Utku; Dinkar, Tanvi; Bruno, Barbara; Clavel, Chloé;

OPEN ACCESS ENGLISH

DOI: [10.5281/zenodo.4675070](https://doi.org/10.5281/zenodo.4675070), [10.5281/zenodo.6974562](https://doi.org/10.5281/zenodo.6974562), [10.5281/zenodo.4675069](https://doi.org/10.5281/zenodo.4675069)
Published: 08 Aug 2022
Publisher: Zenodo

Summary Related research (2)

Abstract
1. Description This repository contains tools to automatically analyse how participants a specific referents in their dialogue and actions for a collaborative learning activity, and how success (i.e. their learning outcomes and task performance). As a use case, it provides a collaborative problem solving activity named JUSTThink [1, 2], i.e. JUSTThink Dialogue and set that is available from the Zenodo Repository, DOI: 10.5281/zenodo.4627104, and related figures in [3]. In brief: JUSTThink Dialogue and Actions Corpus contains transcripts, responses of children aged 9 through 12 as they participate in the JUSTThink activity [1, 2] in pairs of two, to

Powered by [OpenAIRE Research Graph](#). Last update of records in OpenAIRE: Sep 19, 2022

EUROPEAN OPEN SCIENCE CLOUD Find resource... All resources My EOOSC Marketplace

Resources > Sharing & Discovery > Applications > Collaboration > EGI Notebook

EGI Notebook

EGI Notebook
Create interactive documents with live code, visualisations and text
Organisation: [EGI Foundation](#)
Provided by: [CESNET](#)

☆☆☆☆☆ (0.0 / 5) 0 reviews Add to comparison Add to favourites

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[Training information](#)

ABOUT DETAILS REVIEWS (0)

Notebooks is a browser-based tool for interactive analysis of data using EGI storage and compute services. Notebooks are based on JupyterHub technology. This service can combine text, mathematics, computations and their rich media output using Jupyter technology, and can scale to multiple servers and users with the Cloud Compute service. Notebooks for Researchers: After a lightweight approval, users login, write and play notebooks using storage and compute capacity. Notebooks for Communities EGI offers consultancy and technology to set up a community-specific JupyterHub on top of a community VO. Comes together with EGI-enabled compute and storage resources and with community-specific storage. For individual users: Reproducible research with notebooks (notebooks can be re-played by the same user, shared and re-played by different users), easy to hook into other big-data environments (e.g. Spark, Hadoop) or services (e.g. Cloud Compute) provided by or hosted by EGI. For groups: establish a JupyterHub for your community on top of EGI and community-specific compute and storage resources. "For individual users: Reproducible research with notebooks (notebooks can be re-played by the same user, shared and re-played by different users), easy to hook into other big-data environments (e.g. Spark, Hadoop) or services (e.g. Cloud Compute) provided by or hosted by EGI.

SCIENTIFIC CATEGORISATION
Generic

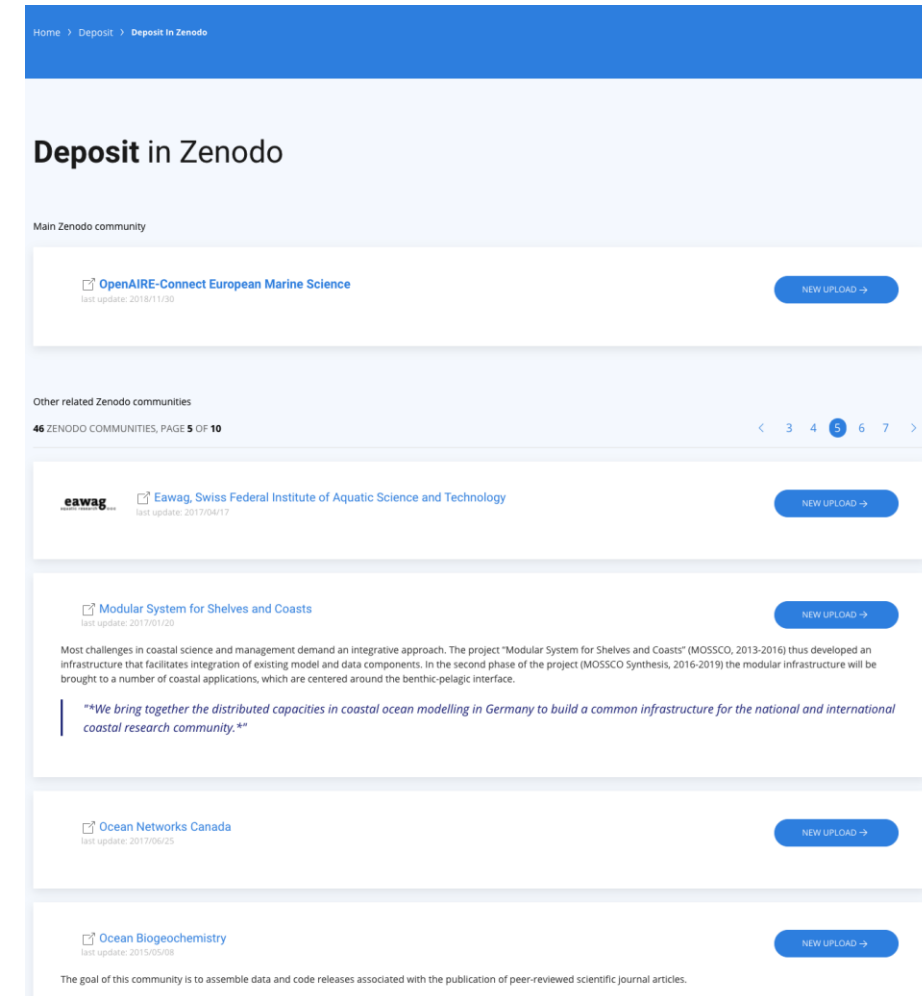
Generic
Generic

Report a te

After the investigation

In the end, Carlo found software and data, reused it via EGI Notebook and via the service developed his own experiments and results

As he wants to publish his own material following common practices, he gets inspired by the ANIMATAS project whose researchers published data and software in Zenodo and does the same.



Thank you

Paolo Manghi

paolo.manghi@openaire.eu



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