

“Planning and implementing the exploitation of project results is mandatory.”

Grant Agreement for Horizon Europe, Art. 16



Our support to help you fulfill your obligation as an HE beneficiary



- 1 The EOSC Marco-Roadmap - the starting point
- 2 The INFRAEOSC Impact Working Group
- 3 A possible destination for your KERs – the EOSC Federation
- 4 Processs Proposal
- 5 Your work during the Winter School
- 6 Restitution



Winter School 2025

20 - 23 January 2025 / Seville, Spain



eosc.eu | [#eoscwinterschool2025](https://twitter.com/eoscwinterschool2025)



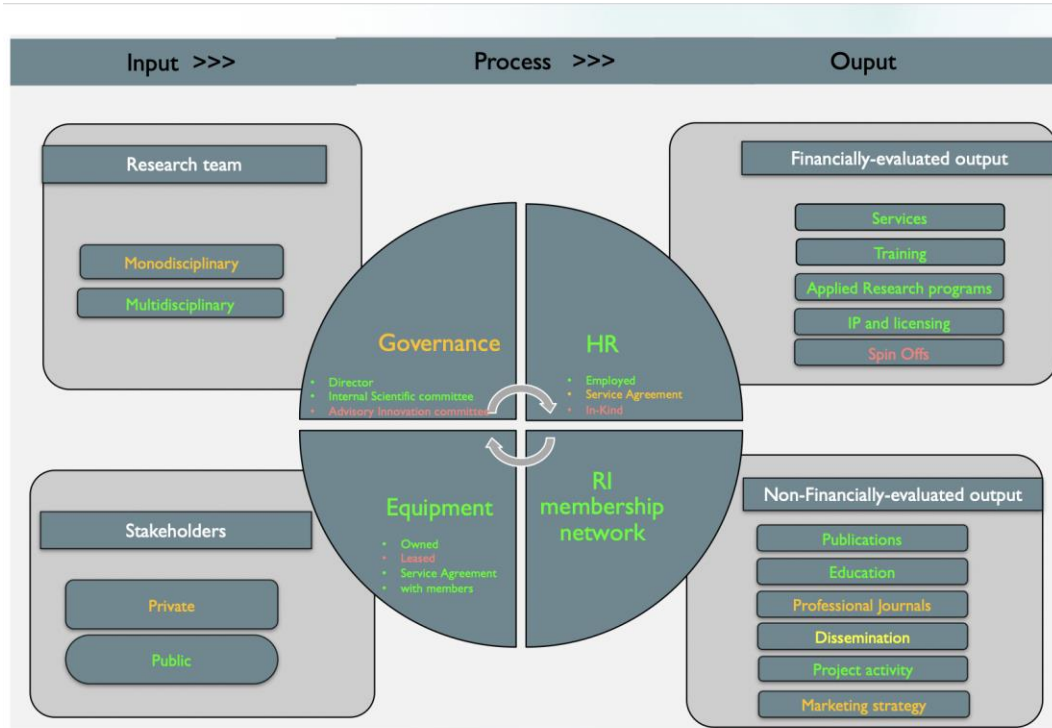
Sustainability in EOSC

Ilaria Nardello, EOSC-A

EOSC-A | January 2025

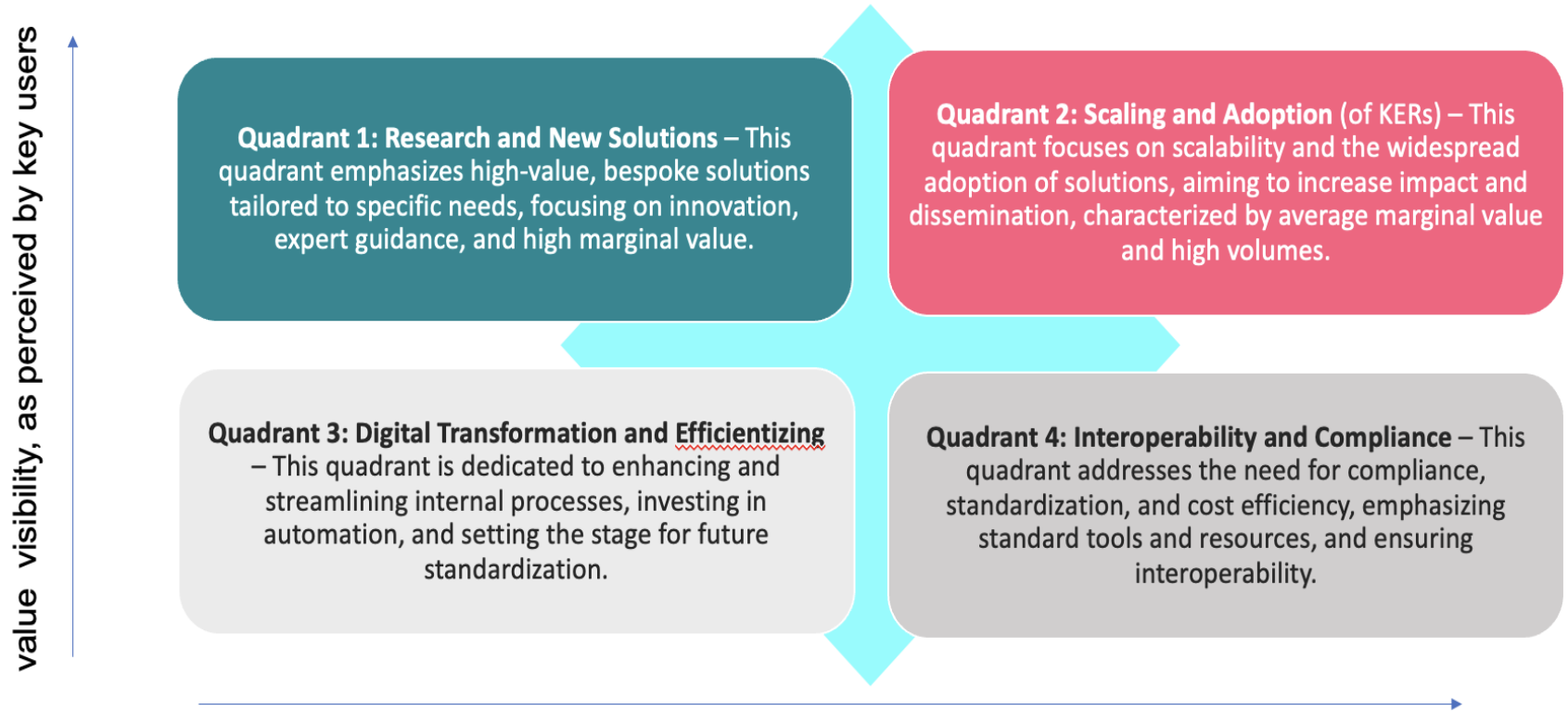


Critical elements emerged



- Critical areas for exploitation are present in all the project results and proposed solutions
- Challenges are project specific

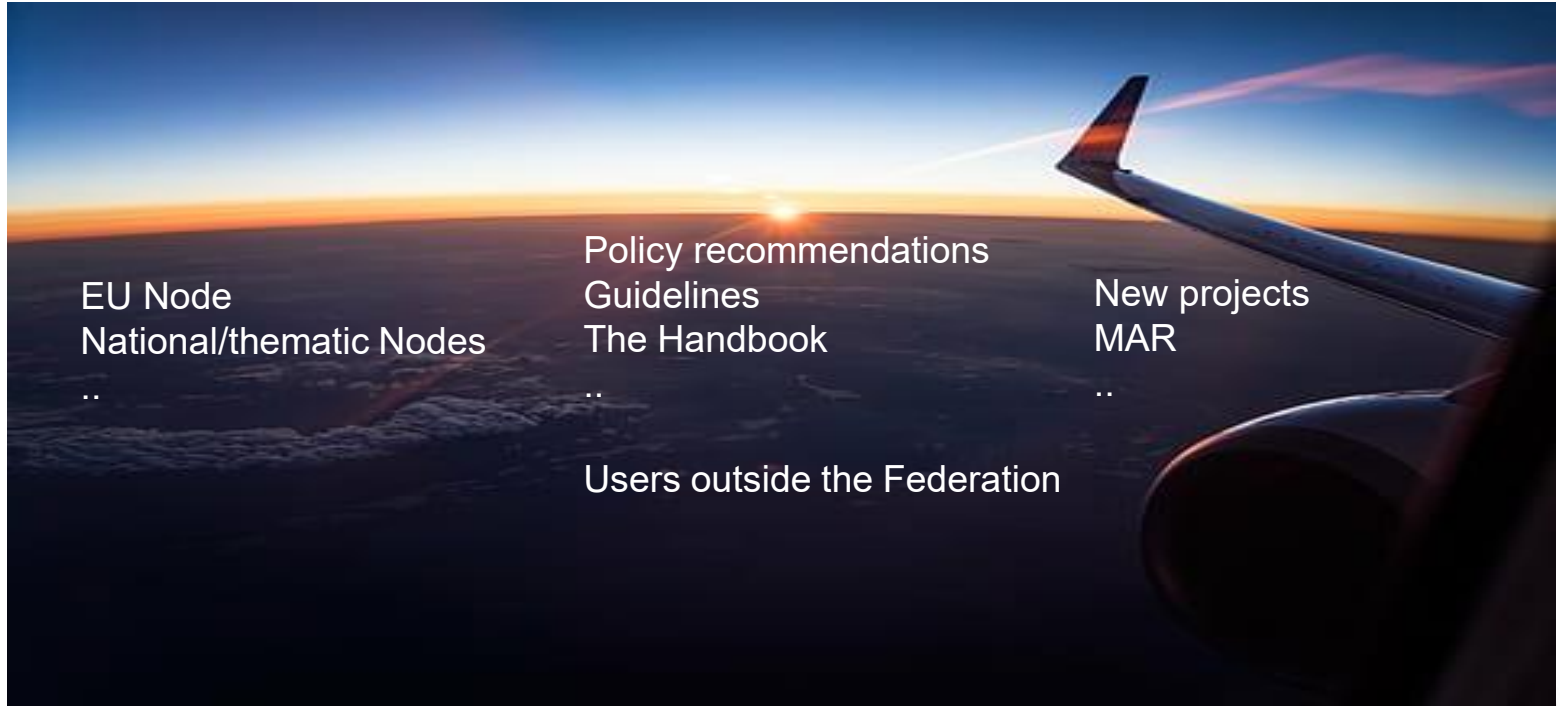
Wardley Maps



Funded by
the European Union

degree of maturity and commoditisation of the output produced

EOSC Federation and more



EU Node
National/thematic Nodes
..

Policy recommendations
Guidelines
The Handbook
..

New projects
MAR
..

Users outside the Federation

..Consensus, Convergence,
Ownership, Interoperability,
Synchronisation, User
perspectives, Use cases,
Common Vocabularies, One-
stop-shop...



A process is required that involves each and all the projects in the definition of a framework that maximises connections, and facilitates the exploitation and the sustainability of the project results.



eosc | RAISE

RAISE

Suite



RAISE platform
Research Analysis Identifier

Pursuing sustainability for RAISE and RAISE Suite

Evdokimos Konstantinidis

Project Coordinator of RAISE

Project Coordinator of RAISE Suite

Lab of Medical Physics and Digital Innovation (AUTH)

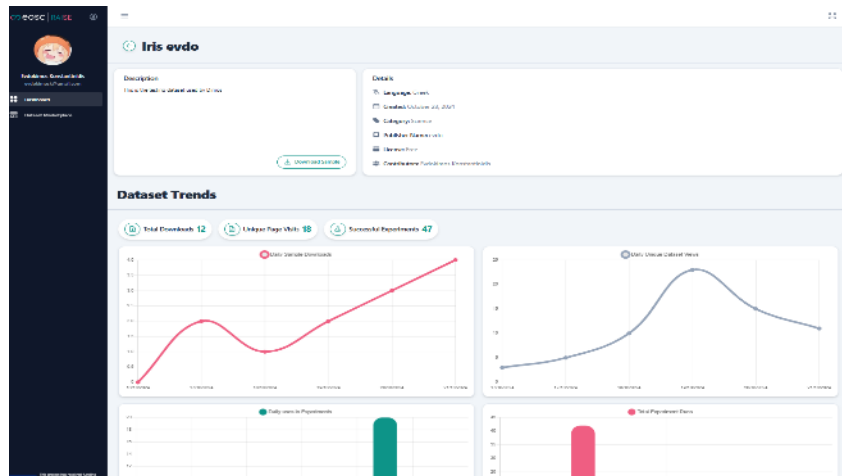
raise-science.eu



Funded by
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Where we are today

2nd → 3rd



New features



Health



Environment



Mobility



Cross-domain

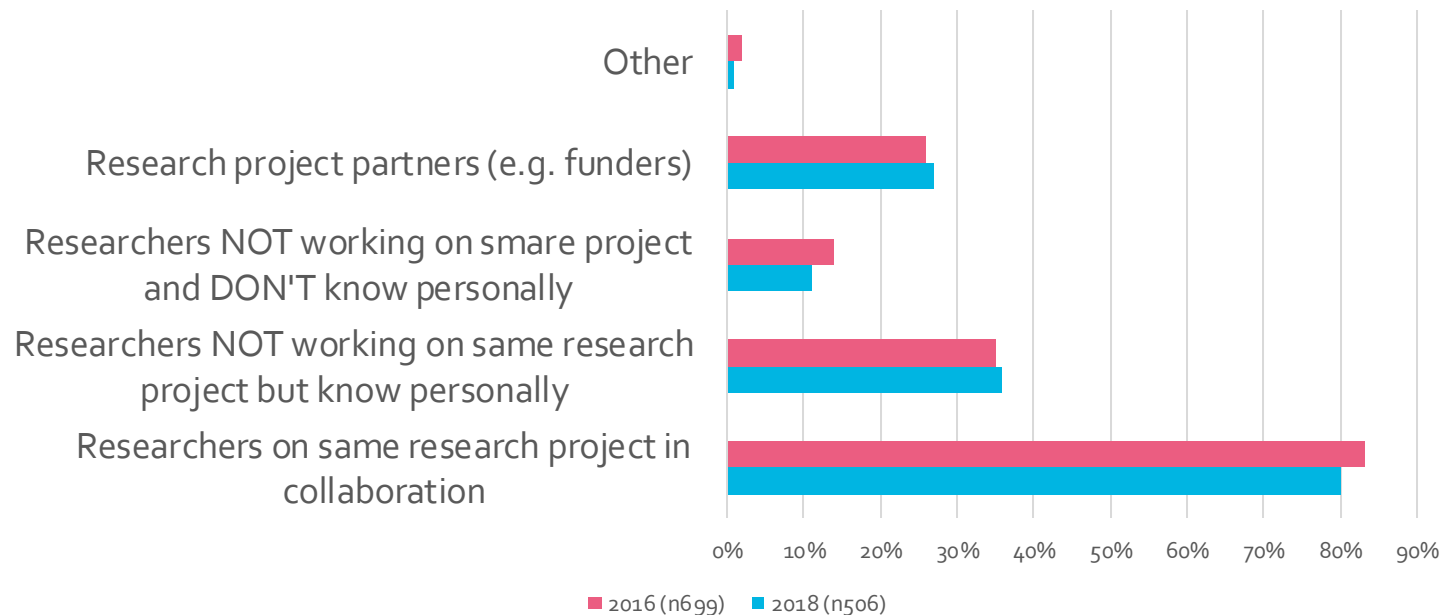
Value of Open Data

Data that is freely available for anyone to access, use, and share, often with minimal restrictions. It is typically provided by governments, organizations, or communities to foster transparency and innovation.

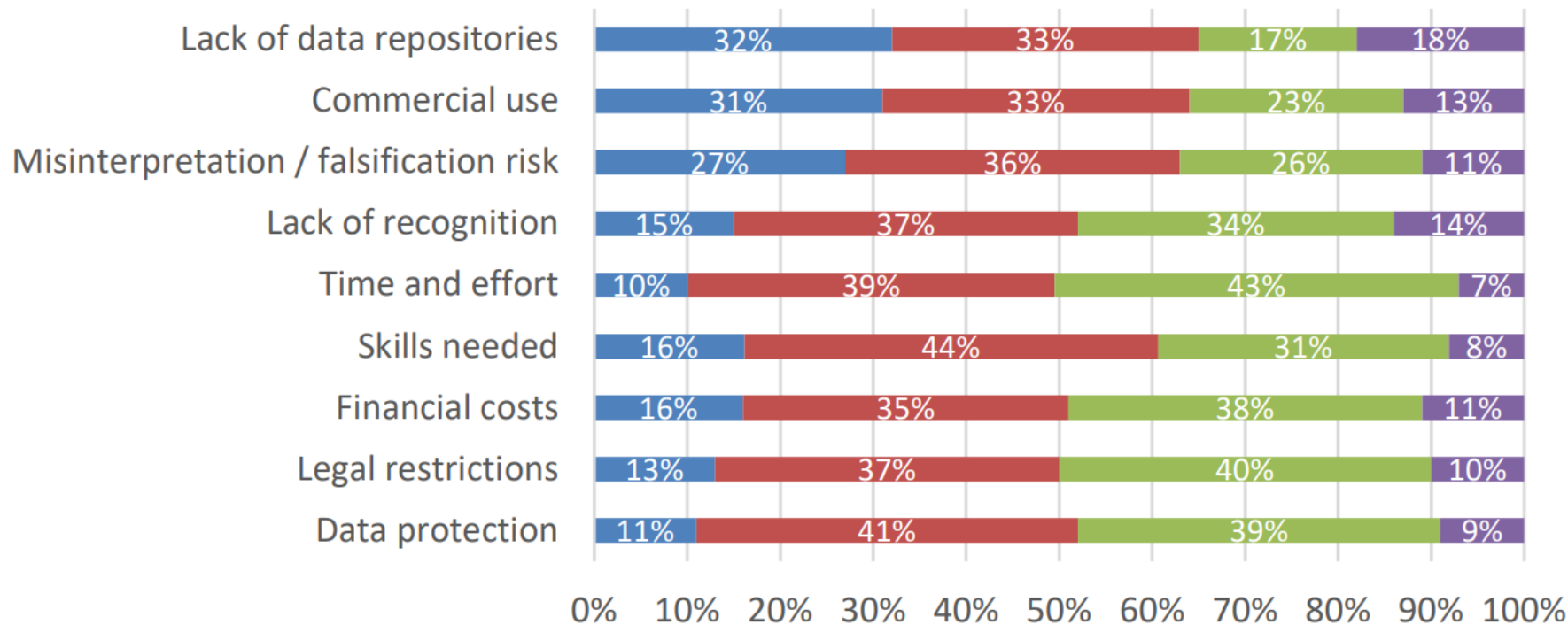
- **Transparency and Accountability:** Enhances trust in governments and organizations by allowing the public to scrutinize decisions and operations.
- **Fostering Innovation:** Open data enables startups, researchers, and developers to create solutions, applications, and services at scale.
- **Economic Benefits:** Drives new industries, reduces barriers to entry, and enables data-driven economies.
- **Public Good:** Addresses societal challenges like climate change, healthcare, and education through collaborative use.
- **Improved decision-making:** Open data can provide policymakers, researchers, and businesses with valuable insights that can inform better decision-making.
- **Cross-Sector Collaboration:** Facilitates partnerships and interdisciplinary research, yielding broader impacts.
- **Limitations**
 - Ensuring data privacy and security while sharing openly.
 - The quality and consistency of open data may vary.
 - Lack of direct monetization or competitive exclusivity for contributors.

Who do we share our data with?

Sharing or research data: % of researchers that have directly shared research data from their last project, be recipient (2016 and 2018)



Obstacles to the management and sharing of research data



■ To little or no extent ■ To some extent ■ To a large extent ■ Do not know / cannot answer

Source: European Commission, Directorate-General for Research and Innovation, European Research Data Landscape : final report, Publications Office of the European Union, 2022, <https://data.europa.eu/doi/10.2777/3648>

Our Vision

Our VISION is an open, fair and reliable Research Community where **every researcher will be accredited for their work** and all **research data will be equally accessible** for processing **without violating** data protection regulations.

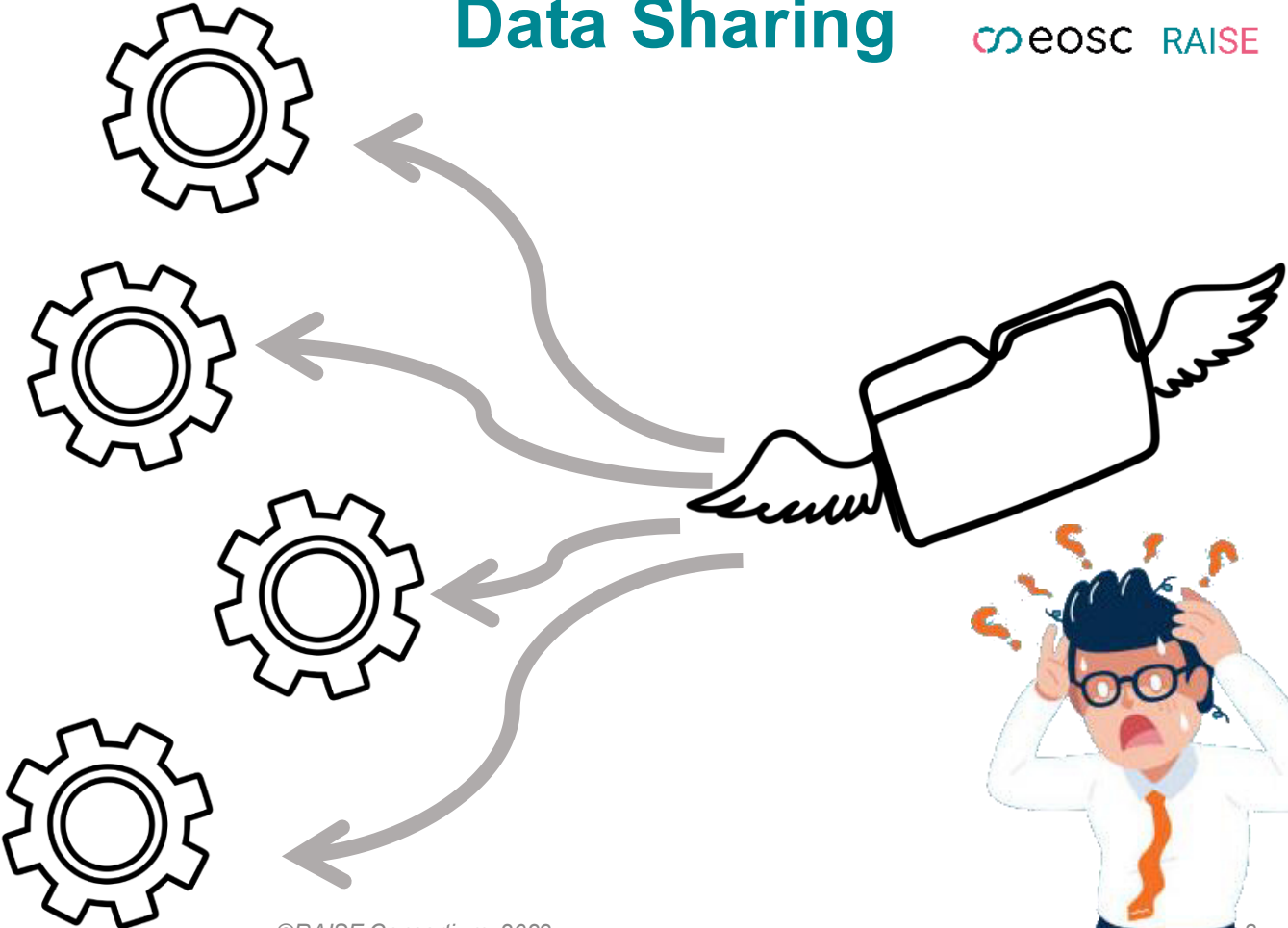
Our Mission

In line with this vision, the mission of RAISE is to provide the infrastructure for a **distributed crowdsourced data processing system**, moving **from open data to data open for processing**.

RAISE will provide the mechanism for sending the algorithm to the dataset instead of sending the data to the algorithm.

Data Sharing

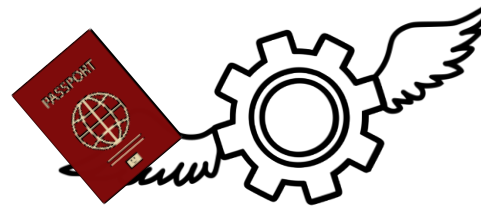
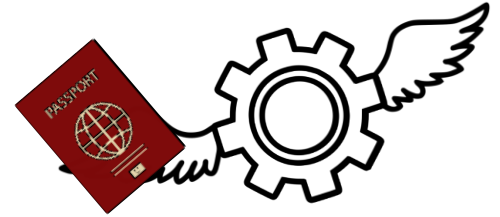
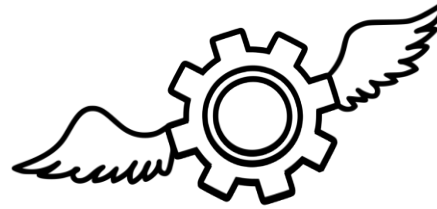
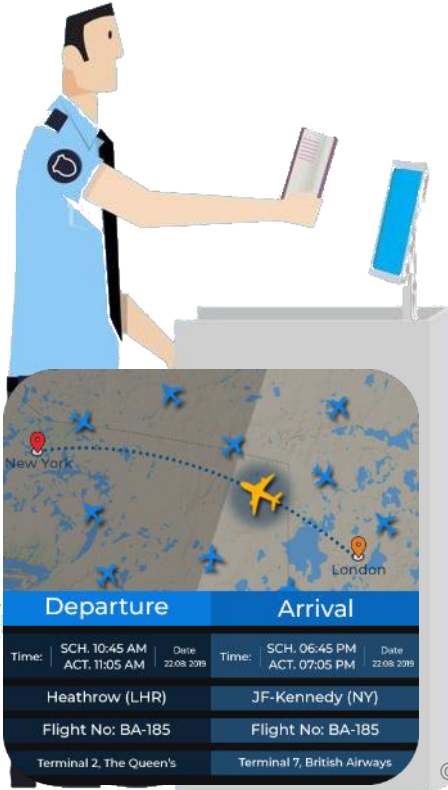
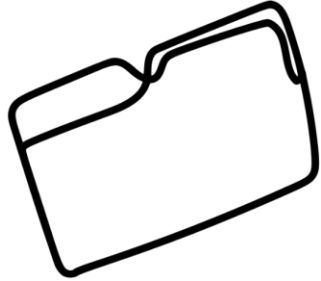
eosc RAISE



Data Visiting

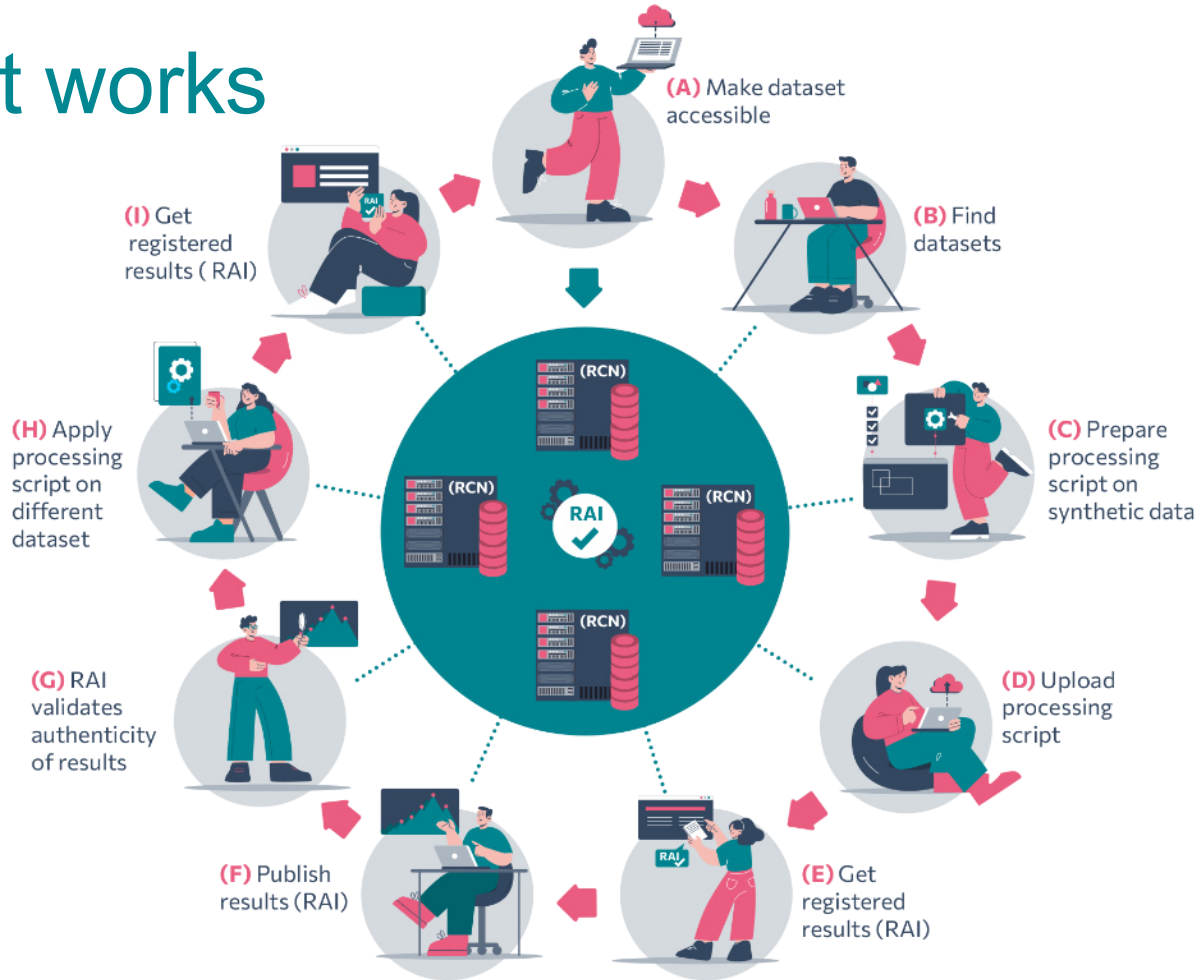


eOSC RAISE





How it works



Integration with other systems

RAISE functionality is accessible through APIs and Keycloak

Plugins for common IDEs

RAISE API Gateway ^{v1} QAS3

Authorize

CentralHub

Node

RaiPid

- GET /RaiPid/{id}
- GET /RaiPid/dataset/{id}
- GET /RaiPid/script/{id}
- GET /RaiPid/result/{id}
- POST /RaiPid/{experimentId}
- POST /RaiPid/dataset/{datasetId}
- POST /RaiPid/script/{scriptId}
- POST /RaiPid/result/{experimentId}

RaisePortal

- GET /RaisePortal/node
- GET /RaisePortal/dataset/{id}
- PUT /RaisePortal/dataset/{id}

VisualStudio | Marketplace

Visual Studio Code > Other > Raise-Science

Raise-Science
RAISE Science | 5 installs | (0) | Free

This extension will provide a simpler interaction with the RAISE platform

[Install](#) [Trouble Installing?](#)

[Overview](#) [Version History](#) [Q & A](#) [Rating & Review](#)

VSCode extension

For using in development environment, you can download the .vsix file from this [repo](#).

And then from your VS Code, you can open the "Extensions" view (or Ctrl + Shift + X), select the three dots in the top right of the view, select the last option "Install from VSIX", and select the downloaded file.

Find synergies but not creating sustainability



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**Winter School
 2025**
 20-23 January 2025
 Seville, Spain

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eosc Focus



**3^ο Συμπόσιο
 Ανοικτής
 Επιστήμης**

Ενίσχυση της Συνεργασίας,
 της Καινοτομίας Πολιτικής
 και των Βέλτιστων Πρακτικών
 στην Ήραμια

10-11 Δεκ. 2024

ΕΚΕΦΕ "Δημόκριτος"

ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ "ΕΡΕΥΝΑ ΚΑΙ ΕΚΠΑΙΔΕΥΣΗ"

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Winter School 2024
 29 January - 1 February 2024 / Thessaloniki, Greece

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RAISE

eosc Focus

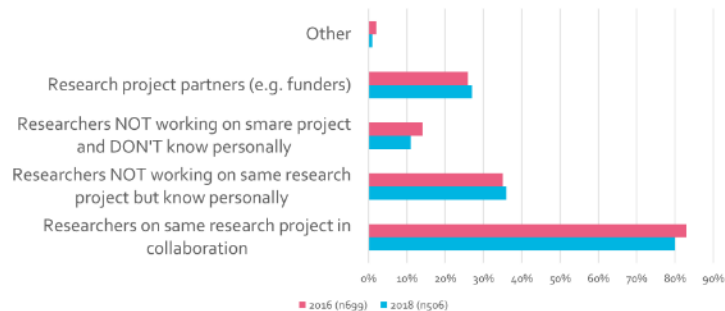
We identified our target group



Researchers that do not share their data

Who do we share our data with?

Sharing or research data: % of researchers that have directly shared research data from their last project, be recipient (2016 and 2018)



©RAISE Consortium, 2022

5

Started looking out of the consortium for success cases

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eatris

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



HORIZON EUROPE
Collecting health data

From research lab to market!

The Lab-To-Market Bootcamp will support and showcase **10 ambitious ventures** aiming to bring technology research results to market, offering training, coaching, and networking opportunities.

A collaboration of Aristotle University of Thessaloniki, Alexander Innovation Zone, and Ideas Forward.

29/11 - 19/12/2024, Thessaloniki

- | | | | | | |
|---|--|---------------|----|---|---------------|
| 1 | Friday, 29/11 | 18:00 - 21:00 | 6 | Tuesday, 10/12 | 18:00 - 21:00 |
| | Bootcamp introduction | | | Lab-to-Market venture funding in Greece | |
| 2 | Saturday, 30/11 | 10:00 - 16:00 | 7 | Thursday, 12/12 | 18:00 - 21:00 |
| | Value proposition design
Business model discovery | | | Financial modelling - preparing for an investment | |
| 3 | Sunday, 1/12 | 10:00 - 16:00 | 8 | Saturday, 14/12 | 10:00 - 13:00 |
| | Assumption validation
Experiment design | | | Pitching preparation & coaching | |
| 4 | Tuesday, 3/12 | 18:00 - 21:00 | 9 | Tuesday, 17/12 | 18:00 - 21:00 |
| | Pitching fundamentals | | | Pitching preparation & coaching | |
| 5 | Thursday, 5/12 | 18:00 - 21:00 | 10 | Thursday, 19/12 | 15:00 - 20:00 |
| | Fundamentals of venture financing math | | | Final pitching & awards | |





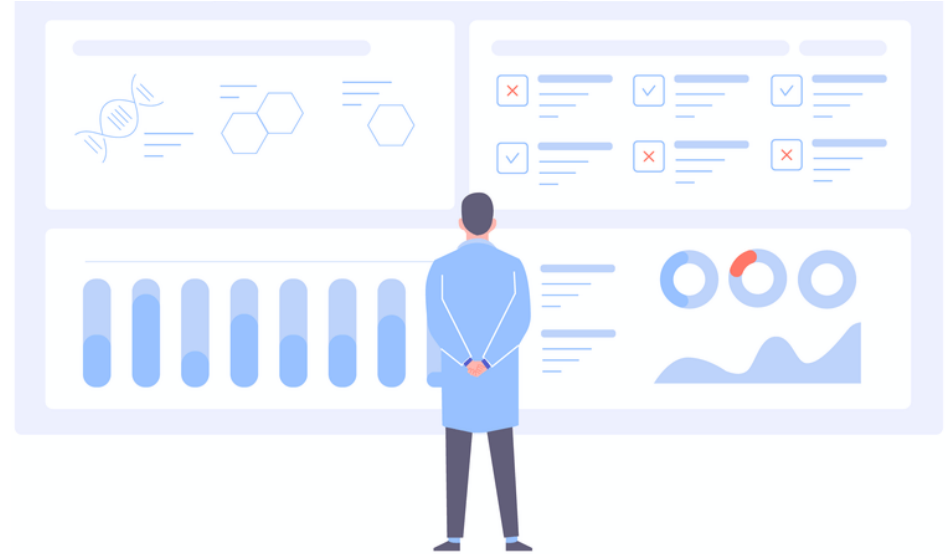
Our target group



MYTH BUSTED

OFFER/SUPPLY

Researchers that look for high quality data that they trust.



DEMAND/NEED

The story

Alexandros is a researcher in Greece who is developing AI to identify Alzheimer's biomarkers.

He needs datasets, but the ones he has found so far are incomplete and unreliable.

At the same time, Sarah, a neurologist in Canada, has collected unique data from patients with early symptoms of Alzheimer's. It's exactly what Alexandros needs, but she is hesitant to share it.


The result? Alexandros can't proceed with his research, and Sarah's data remains untapped. open access to solving critical problems.



 Lets you offer homes for rent

 **Guests**
Travelers book homes



 Lets you give access to your datasets **stored only** on your premises

 **Visiting Algorithms**
Algorithms visit datasets

*Like **AirBnB** lets you visit homes, **RAISE** allows your algorithm visit the data you need*

We designed **AirBnB** for Research Data eposc RAISE



privacy
protection



ownership
accreditation



compliance

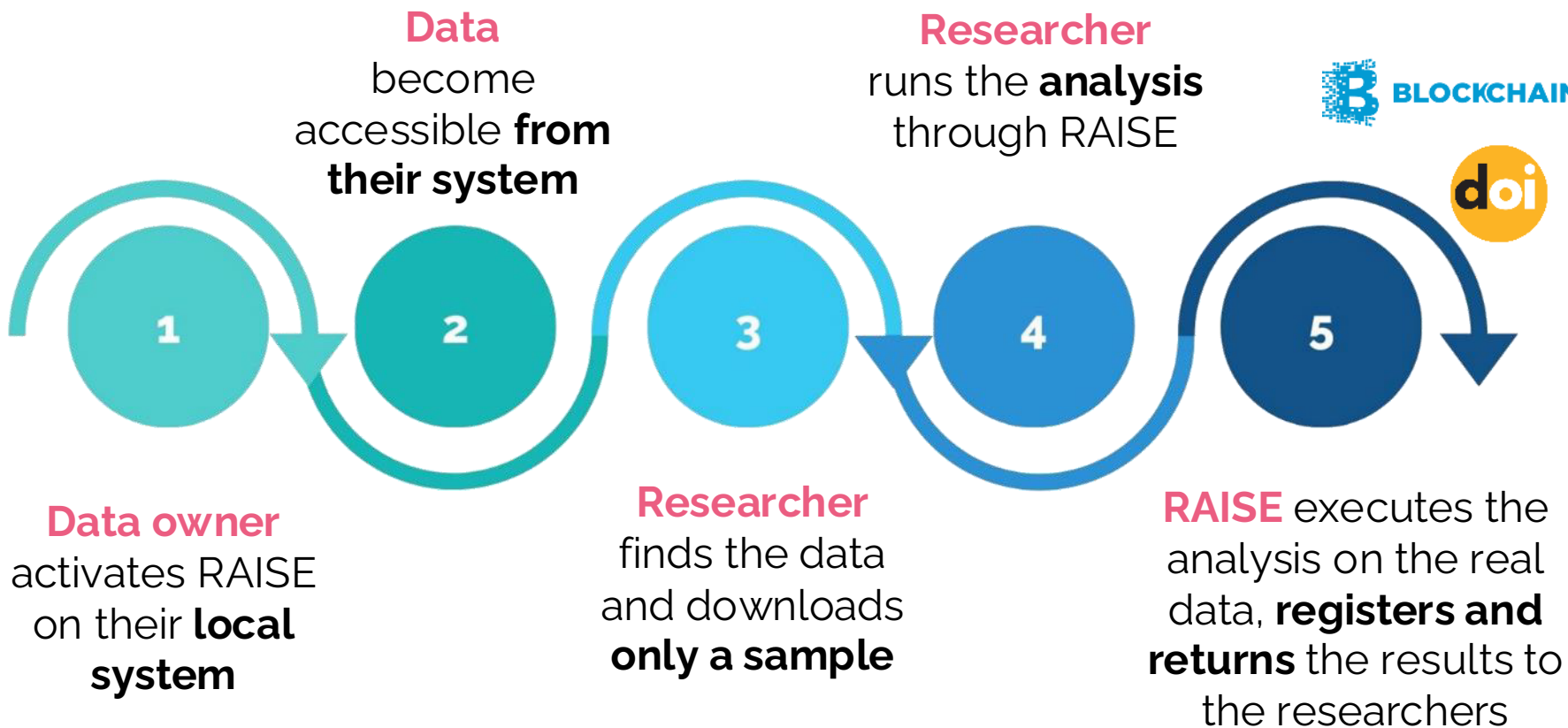


traceability

Trust through **Data Visiting**

DATA VISITING LIFE CYCLE

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GROWTH PLAN

Research
Health Data



Academic
Research and
Development
(R&D)

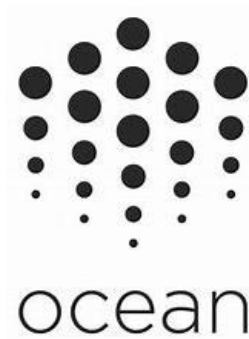


Big Data



Competition

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Analyzing data with RAISE

Data stays in the
owner's premises

Higher quality
and trust

Accreditation to data
owners

Pricing model

Freemium

- Access to limited volume of data

Basic User / Organizations

- Subscription fee
- Higher limit for uses
- Multiple users

Data owners

- Monetization
- Accreditation

3rd prize



Greek newspaper: startups and innovation

Τετάρτη 22 Ιανουαρίου 2025

VORIA.GR
Η οικονομική e-εφημερίδα

☰ ΟΛΕΣ ΟΙ ΕΙΔΗΣΕΙΣ ΜΑΚΕΔΟΝΙΑ ΕΛΛΑΔΑ ▾ ΠΟΛΙΤΙΚΗ ΟΙΚΟΝΟΜΙΑ ΕΠΙΧΕΙΡΗΣΕΙΣ ▾ ΥΓΕΙΑ ΔΙΕΘΝΗ ΑΘΛΗ

ΕΠΙΧΕΙΡΗΣΕΙΣ

RAISE: Το... Airbnb των δεδομένων έρχεται από τη Θεσσαλονίκη



- How many of the projects here today have been used/integrated by non-EOSC projects or other systems?
- How many of us have services/tools that are being used by researchers a couple of years after the end of the projects?
- How many of us have participated in an accelerator or looked for fund raising beyond projects?
- How many of us would join an accelerator bootcamp for our current project?

Contact Us



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the European Union

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- **evdokimosk@gmail.com**

Online presence



<https://raise-science.eu/>



<https://twitter.com/RaiseScience>



<https://www.facebook.com/raise.science>



<https://www.linkedin.com/company/raise-science/>

Aristotle University of Thessaloniki
(AUTH)

<https://www.auth.gr/en/>

<https://imedphys.med.auth.gr/>



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Project coordinator:
Dr. Evdokimos Konstantinidis

Scientific coordinator
Prof. Panos Bamidis

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