



HEARTS P1 Review Meeting

25 September 2024

<https://indico.cern.ch/event/1411185/>



**Funded by
the European Union**

HEARTS is a project funded by the European Union under GA No 101082402, through the Space Work Programme of the European Commission.



Thomas Brent / WP2

Outline

Work package two consists of three tasks:

1. Establish effective communication and data exchange between the partners within the project
2. Communicate the results of the project to external interested parties
3. Disseminate the results of the R&D achieved within the project and the knowledge transfer activities to open up the possibility of collaborations with external parties

The outlook of the WP in P1

During RP1, strong progress was made on achieving the objectives of WP2.

Highlight achievements:

- Creation of a well-organised website
- CERN article on the HEARTS project
- Project representation at various in-person events
- Creation of a LinkedIn page and regular posting

Deliverables and Milestones in P1

Deliverables

- D2.1 Communication and dissemination plan ✓
- D2.2 Exploitation and management plan ✓

Milestones

- M09. Project website launched (with update and maintenance plan) ✓
- M10. Project social media launched ✓

Deliverables in P1

Deliverable D2.1

Communication and dissemination plan

Description

The plan will include the communication means established by the consortium to handle internal data exchange as well as towards the external stakeholders, from radiation effects experts up to the general public. CERN resource and collaboration tools will be preferably used.

Details

Work Package No.	WP2
Deliverable Related No.	D2.1
Deliverable No.	D1
Lead Beneficiary	CERN
Type	Report
Dissemination Level	Public
Due Date	2023-06-30
New Due Date (if delay)	n/a
Delivery Date	2023-06-26
Approval Date	2023-06-26
Status	Achieved

Deliverable Report

[Download D2.1 report \(EDMS\)](#)

Deliverable D2.2

Exploitation and data management plan

Description

The plan will include the tools and means used to store the data collected during the project and to render them available to the scientific community and the industrial users. Knowledge transfer procedures will also be implemented.

Details

Work Package No.	WP2
Deliverable Related No.	D2.2
Deliverable No.	D2
Lead Beneficiary	CERN
Type	Data Management Plan
Dissemination Level	Public
Due Date	2023-12-31
New Due Date (if delay)	n/a
Delivery Date	2023-01-23
Approval Date	2024-01-18
Status	Achieved

Deliverable Report

[Download D2.2 report \(EDMS\)](#)

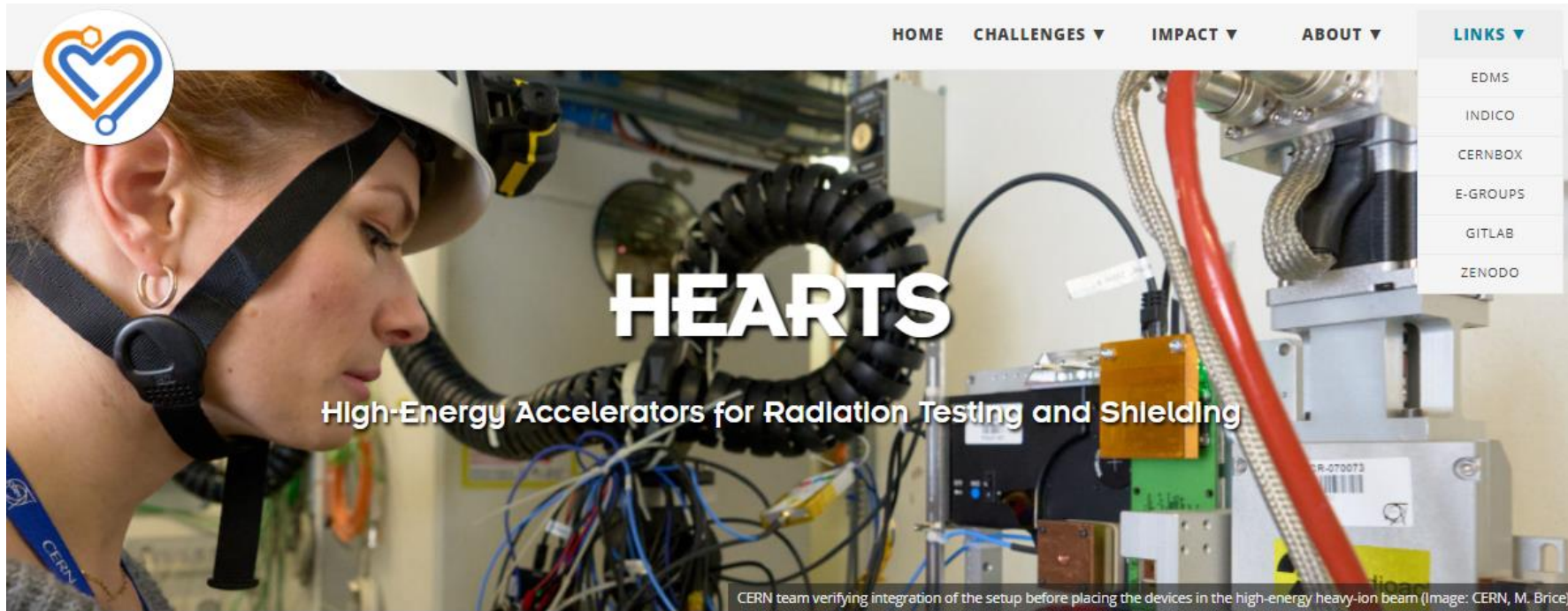
The achieved deliverables are available on HEARTS website page:
<https://hearts-project.eu/project/deliverables/>

Deliverables in P1 – D2.1

2.5. MESSAGES FOR PRIMARY AUDIENCES

	DRIVERS	DESIRED OUTCOMES	MESSAGES	CHANNELS
Project participants	<ul style="list-style-type: none"> Community spirit Career development 	<ul style="list-style-type: none"> Inform/report on the project's progress. Build synergies between WPs. 	<ul style="list-style-type: none"> Many of your activities might have synergies with other WPs. They might also be interesting to the communication WP! 	<ul style="list-style-type: none"> Website Internal newsletter External newsletter Annual events
Industry <i>Prime-contractors</i> <i>New Space actors</i>	<ul style="list-style-type: none"> Innovation Job creation Collaboration 	<ul style="list-style-type: none"> Increase visibility of the project and dissemination of results. Enhance access to irradiation facilities. Attract new users and customers. 	<ul style="list-style-type: none"> HEARTS is ensuring that space technology does not lag behind what's available on Earth. By providing dedicated facilities in Europe, HEARTS is enhancing the competitiveness of the European space industry. 	<ul style="list-style-type: none"> Website Social media Media External newsletter Events (conferences, workshops, annual events, industry events)
Academia <i>Electronics design</i> <i>New applications</i> <i>Pharma for long-term spaceflight</i>	<ul style="list-style-type: none"> Scientific excellence Peer recognition Funding 	<ul style="list-style-type: none"> Increase visibility of the project and dissemination of results. Attract new users and customers. Attract students towards radiation research disciplines. 	<ul style="list-style-type: none"> HEARTS is providing cost-effective radiation qualification approaches. HEARTS is fostering the use of advanced electronics in space. HEARTS is enhancing the human exploration of space by fostering solutions reducing the health impact of radiation. 	<ul style="list-style-type: none"> Website Social media Media External newsletter Events (conferences, workshops, annual events, industry events) Publications in journals.
Decision makers	<ul style="list-style-type: none"> Scientific excellence European independence Economic/societal impact 	<ul style="list-style-type: none"> Justify investment in radiation testing infrastructure development. Motivate follow-ups projects. 	<ul style="list-style-type: none"> Space is a hazardous environment for both satellite's electronics and space crews. HEARTS will provide two facilities capable of mimicking the effects of galactic cosmic rays. HEARTS is enhancing the competitiveness of the European space industry. HEARTS will be instrumental at ensuring European space sovereignty. 	<ul style="list-style-type: none"> Social media Media Events (protocol visits, annual events, industry events, EU researcher nights) Website
General public	<ul style="list-style-type: none"> Scientific excellence Economic/societal impact (for students) Career development 	<ul style="list-style-type: none"> Raise awareness about the challenges of space radiation. Increase visibility of the project and outreach of results. Attract students towards radiation research disciplines. 	<ul style="list-style-type: none"> HEARTS is enhancing the human exploration of space by fostering solutions reducing the health impact of radiation. HEARTS is enabling news technologies capable of empowering satellite activities for climate change purposes and much more. (for students) Take part in building the satellites of tomorrow and allowing space exploration! 	<ul style="list-style-type: none"> Social media Media Events (open days, EU researcher nights, visits) Website

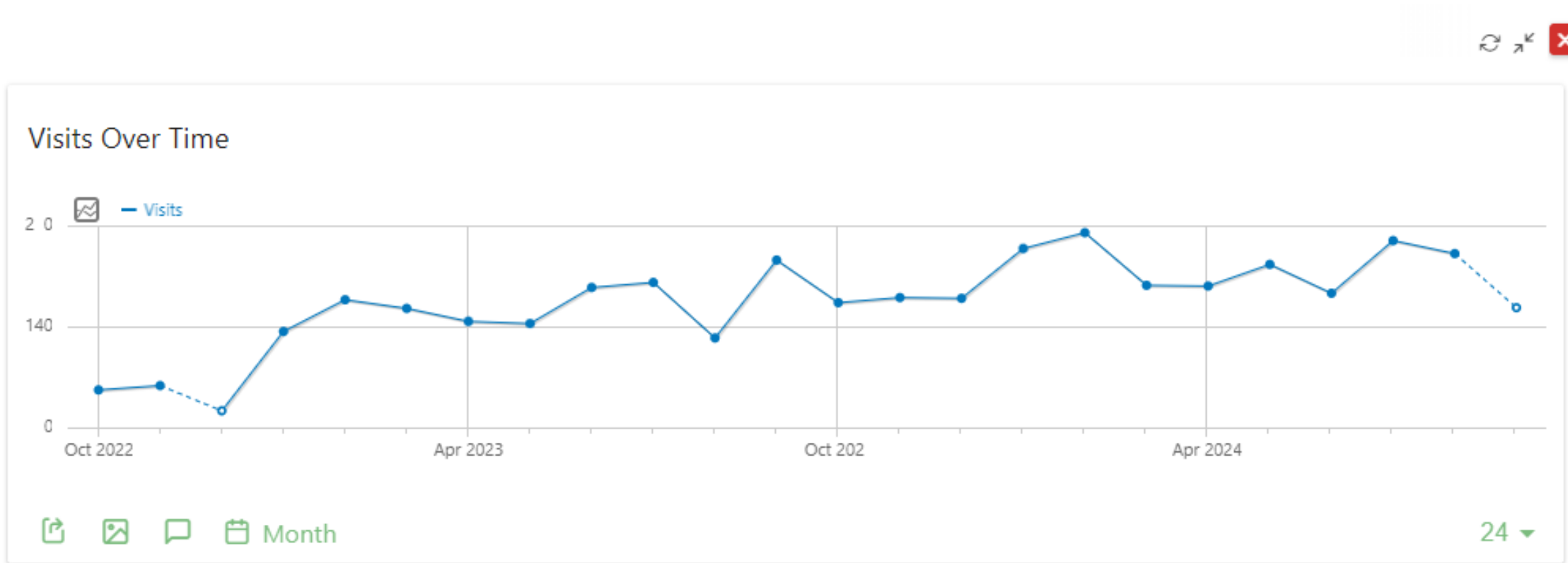
Milestones in P1 - Website



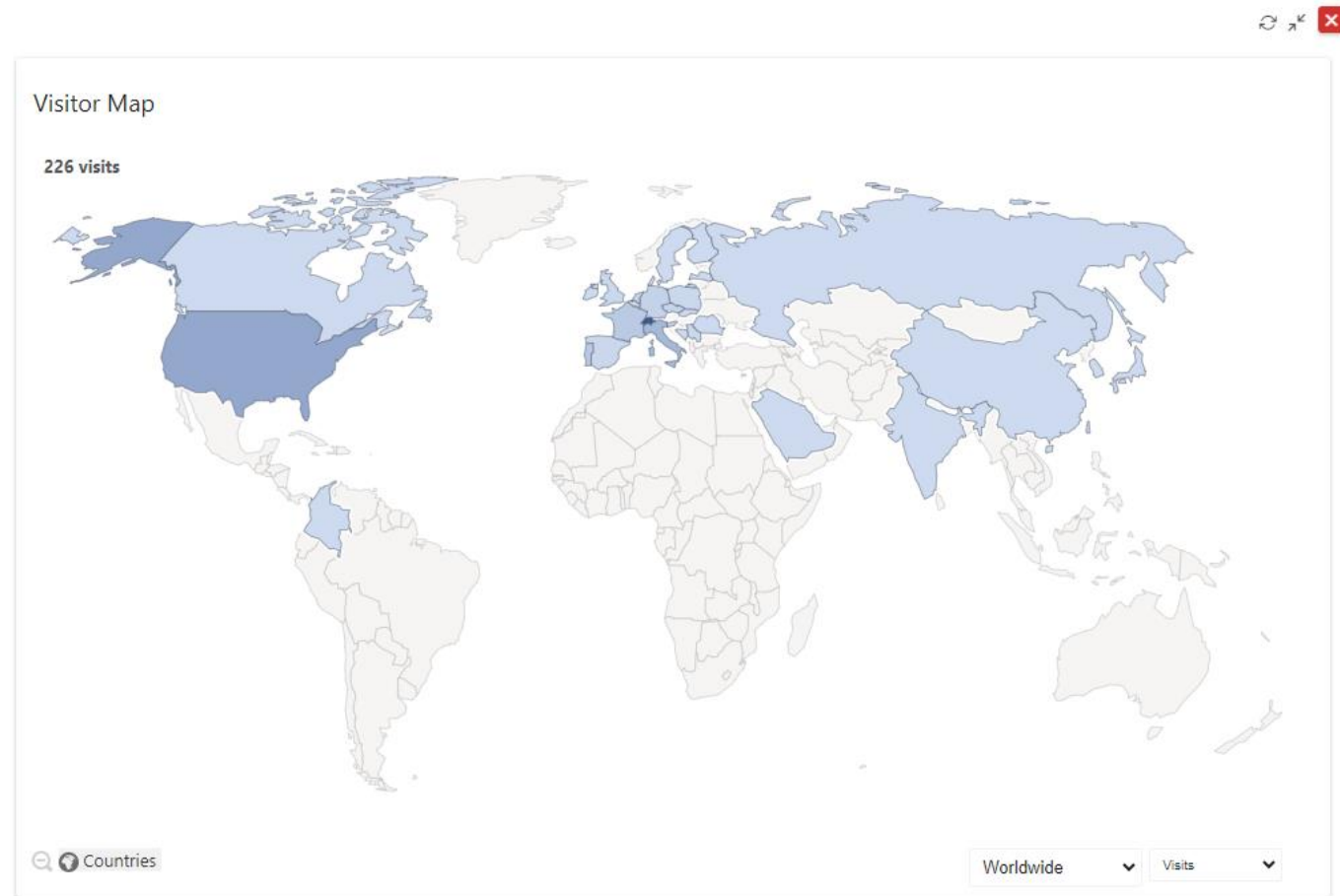
High-energy heavy ion
testing for space
in Europe



Milestones in P1 - Website

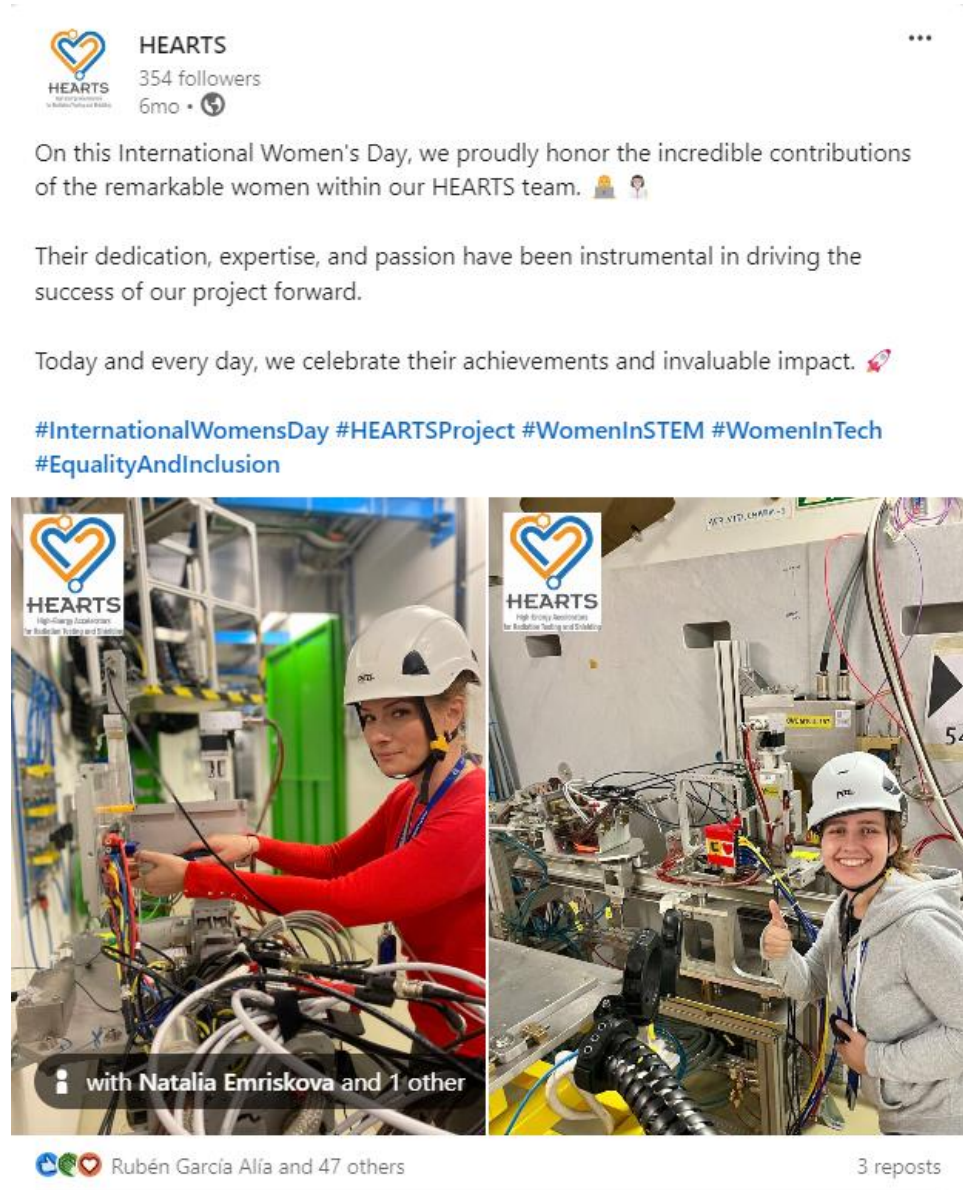


Milestones in P1 - Website

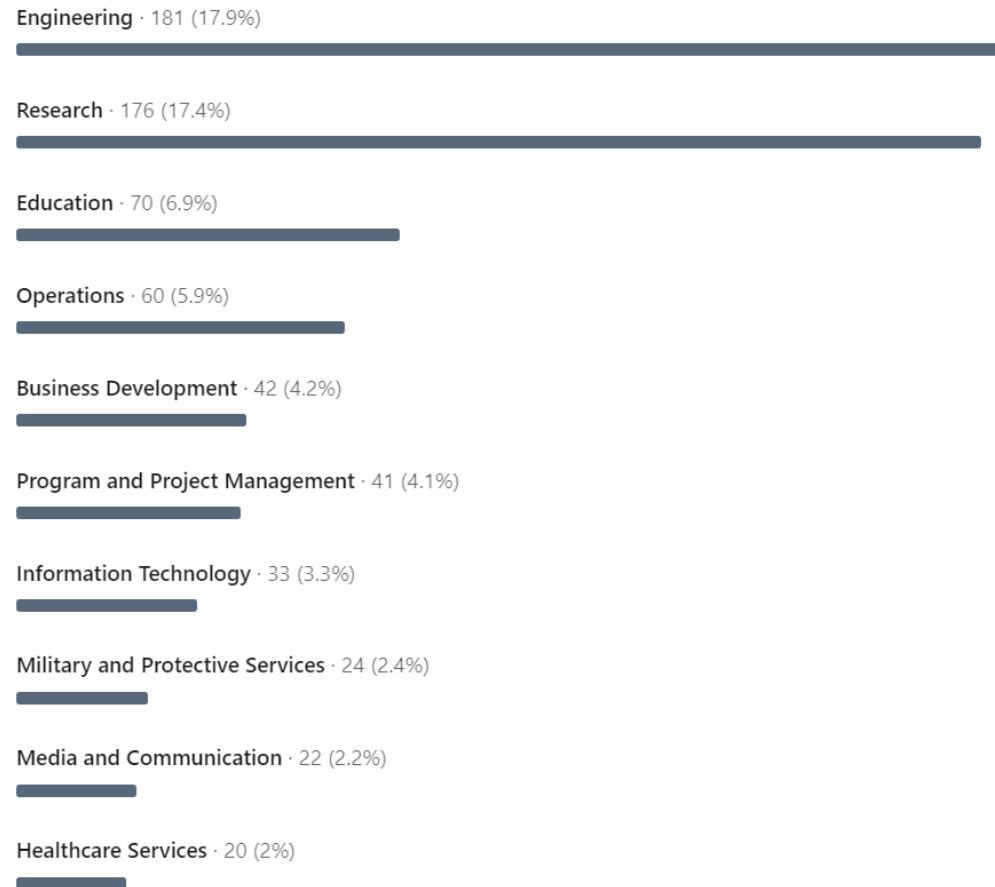


Social media (LinkedIn)

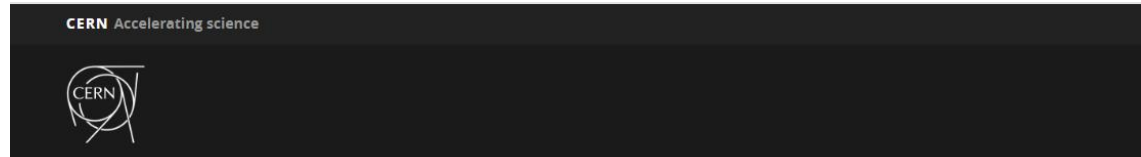
- 354 followers
- 13 posts
- 1000+ page views
- 441 unique visitors



Milestones in P1 – LinkedIn



Communications



News · News · Topic: Knowledge sharing

[Voir en français](#)

HEARTS innovates to foster European access to space

The EU-funded project HEARTS aims at providing access to high-energy heavy ion radiation testing facilities for space exploitation and space exploration

5 APRIL, 2023 | By Antoine Le Gall



- CERN
- Accelerating News



Upcoming Deliverables & Milestones

Deliv. No.	Deliverable name	Due date	Status
D2.3	Knowledge transfer turnover report	2025-12-31	Pending
D2.4	Final report on communication, dissemination, outreach and exploitation	2026-12-31	Pending

Goals moving forwards

- Increase LinkedIn visibility
- Attract more media attention
- Foster future knowledge transfer activities through dissemination of project results

Conclusion

- P1 saw the successful achievement of both deliverables and milestones
- The HEARTS website serves as external visibility for the project as well as an internal navigation tool
- Need to increase number of LinkedIn followers and website visitors

**Thank you
for your
attention.
Questions?**



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HEARTS