



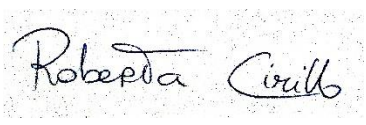
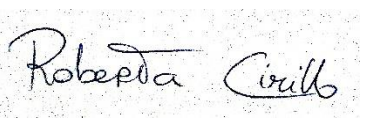

(Project Number: 945301)
DELIVERABLE D6.3

Informative A-CINCH page at ENEN web

Lead Beneficiary: ENEN

Due date: 31/01/2021

Released on: 15/01/2021

Authors:	Roberta Cirillo		
For the Lead Beneficiary	Reviewed by Work package Leader	Approved by Coordinator	
Roberta Cirillo	Roberta Cirillo	Mojmír Němec	
			

Start date of project:

01/10/2020

Duration: **36 Months**

Project Coordinator:

Assoc. Prof Mojmír Němec

Project Coordinator Organisation:

CTU

VERSION: 1.2

Project co-funded by the European Commission under the Euratom Research and Training Programme
on Nuclear Energy within the Horizon 2020 Programme

Dissemination Level

PU	Public	X
RE	Restricted to a group specified by the Beneficiaries of the A-CINCH project	
CO	Confidential, only for Beneficiaries of the A-CINCH project	

Version control table

Version number	Date of issue	Author(s)	Brief description of changes made
1.0	15/01/2021	Roberta Cirillo	First version
1.1	26/01/2021	Jana Peroutková	MST check
1.2	28/01/2021	Mojmír Němec	Coordinator approval

Project information

Project full title:	Augmented Cooperation in Education and Training in Nuclear and Radiochemistry
Acronym:	A-CINCH
Funding scheme:	Coordination and Support Action
ECGA number:	945301
Programme and call	H2020 EURATOM, Euratom Fission 2016-2017, NFRP-2019-202
Coordinator:	Mojmír Němec
EC Project Officer:	Katerina Ptackova
Start date – End date:	01/10/2020 – 30/09/2023 i.e. 36 months
Coordinator contact:	+420 224 358 331, mojmir.nemec@fjfi.cvut.cz
Administrative contact:	+420 245 008 599, cinch@evalion.cz
Online contacts:	http://www.cinch-project.eu/

Copyright

The document is proprietary of the A-CINCH consortium members. No copying or distributing, in any form or by any means, is allowed without the prior written agreement of the owner of the property rights. This document reflects only the authors' view. The European Community is not liable for any use that may be made of the information contained herein.



"This project has received funding from the Euratom research and training programme 2014-2018 under grant agreement No 945301."

EXECUTIVE SUMMARY

In the frame of the A-CINCH project, an informative webpage about project framework, aim and work structure has been created under the ENEN website.

ENEN is the European Nuclear Education Network and its website can be found at www.enen.eu. The dedicated A-CINCH webpage can be reached at the following link: <https://enen.eu/index.php/portfolio/a-cinch-project/>.

This action aims to increase the project visibility relying on the ENEN network and the visibility that can be provided through its website.

CONTENT

1 INTRODUCTION..... 5

2 WEBPAGE PURPOSE & STRUCTURE 6

2.1 HEADER 6

2.2 PAGE BODY 7

2.2.1 *Project description*..... 7

2.2.2 *Innovative Educational Tools* 8

2.2.3 *Organisation of the work* 9

2.2.4 *Project partners* 9

3 CONCLUSIONS 15

1 INTRODUCTION

The ENEN (European Nuclear Education Network) Association is an international non-profit organization, the mission of which is the preservation and further development of expertise in the nuclear fields by higher education and training. Today, ENEN has 79 **Members and Partners** from 25 countries, consisting of a wide range of types of entities: 5 Research Centers, 9 Companies, 55 Universities, 1 TSO and 9 international institutions.

The website www.enen.eu is reached on average by about 10.000 visitors per year.

ENEN has implemented in its website a dedicated section for projects in which ENEN was and is involved. This section can be found at <https://enen.eu/index.php/projects/>.

The A-CINCH project is a continuation of the MEET-CINCH project. ENEN has developed a new web section for it in the format of a new webpage using dedicated theme and the visual effects. The visual effects are in line with the project aims and purposes and are aimed at picturing the core of the project and its activities to be developed. This new project dedicated webpage can be accessed by following this link: <https://enen.eu/index.php/portfolio/a-cinch-project/>.

2 WEBPAGE PURPOSE & STRUCTURE

The A-CINCH project is the latest one in the series of CINCH projects.

Its main aim is to address the lack of interest of the youngest generations towards the field of Nuclear and Radio Chemistry (NRC).

The main challenge to tackle consists in finding a way to attract more students towards the NRC field. In order to do so, teachers and young students, especially high school students, need to be addressed. In order to be attractive to the students, the “learn trough play” concept has been chosen as reference for the conception of the educational tools.

That explains why the 3D virtual reality and augmented reality will be implemented (a reference to this technology is present in the project name itself – Augmented Cooperation in Education and Training in Nuclear and Radiochemistry).

In order to promote the project and increase its outreach, this webpage has been created under the ENEN website. Relying on the community built by ENEN and its network, having the A-CINCH project presented here will increase the project visibility.

The webpage has the following structure:

- Header
- Description of the A-CINCH project, explaining the motivation behind its realisation and the main challenges to be tackled
- Presentation of the CINCH Hub
- Description of the Innovative Educational Tools which will represent the project outcome
- Description of work
- Project partners presentation.

2.1 Header

This section presents the project title and explains the name acronym. The background image (provided by the project partner Otto-Von-Guericke University - OVGU) is an illustration of the Virtual Radiochemistry Laboratory. It has been used to illustrate the main focus of the project: “education”.

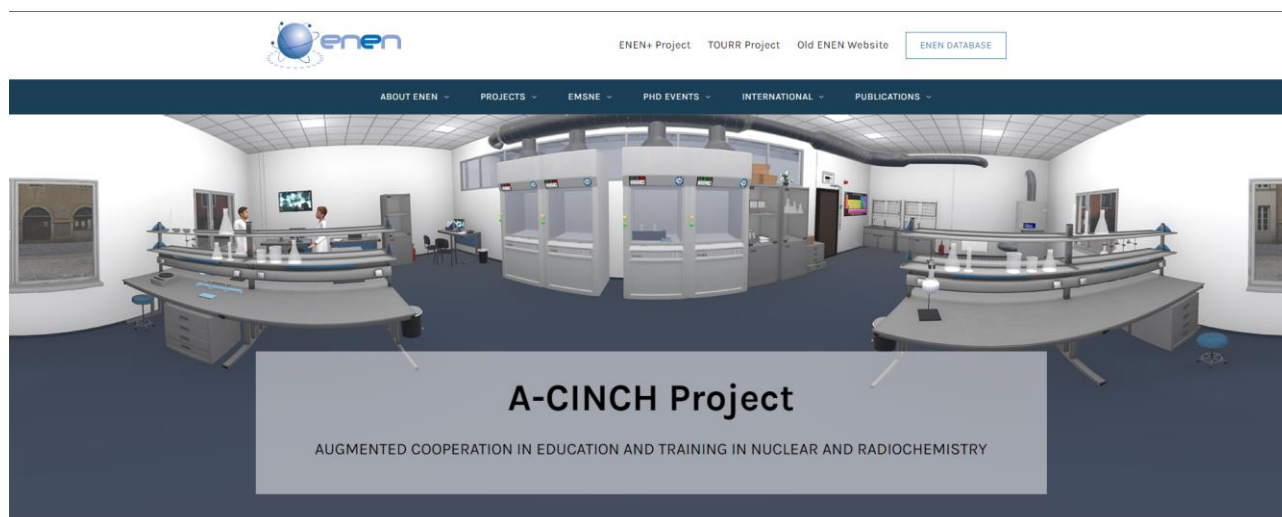


Figure 1 A-CINCH project webpage under ENEN, header.

2.2 Page body

2.2.1 Project description

In this section, the acknowledgement to the European Commission has been introduced.

The section provides information about the project framework, aims and motivation. The activities which will be stemming from the project are listed and a link to the main project website www.cinch-project.eu is provided.

DESCRIPTION of the A-CINCH Project



This project receives funding from the EURATOM Research and Training programme 3 years under grant agreement N° 945301.

The A-CINCH project primarily addresses the loss of the young generation's interest for nuclear knowledge by focusing on secondary / high school students and teachers and involving them by the "Learn through Play" concept.

This challenge will be tackled by bringing advanced educational techniques such as state-of the art 3D virtual reality NRC laboratory, Massive Open Online Courses (MOOCs), RoboLab distance operated robotic experiments, Interactive Screen Experiments, NucWik database of teaching materials, or Flipped Classroom, into the NRC education. All the new and existing tools will be wrapped-up around the CINCH Hub - a user-friendly and easy-to-navigate single point of access - that will contribute increasing the number of students and trainees in the field of nuclear and radiochemistry.

Nuclear awareness will be further increased by the High School Teaching Package, Summer Schools for high school students, Teach the Teacher package and many others. Additionally, successful educational and training tools from previous projects will be continued and further developed.

The main motivation behind this project is that: expertise in nuclear and radiochemistry (NRC) is of strategic relevance in the nuclear energy sector and in many vital applications. The need for radiochemistry expertise will increase even more as the focus shifts from safe nuclear power plant operation to decontamination and decommissioning, waste management and environmental monitoring.

Applications for NRC can be found also in other fields such as life sciences (e.g. radiopharmaceuticals, radiological diagnostics and therapy), geology and archaeology (e.g. dating), nuclear forensics and safeguards operations, and even in radiation protection and radioecology.

VISIT THE PROJECT WEBSITE:

The main project website can be found at this link: www.cinch-project.eu

Figure 2 A-CINCH project webpage under ENEN, project description paragraph.

Afterwards, a picture summarising the A-CINCH products (intended as activities which will be produced during the project years), aims and targeted audiences is displayed. Figure 3 shows a schematic description of the project outputs.

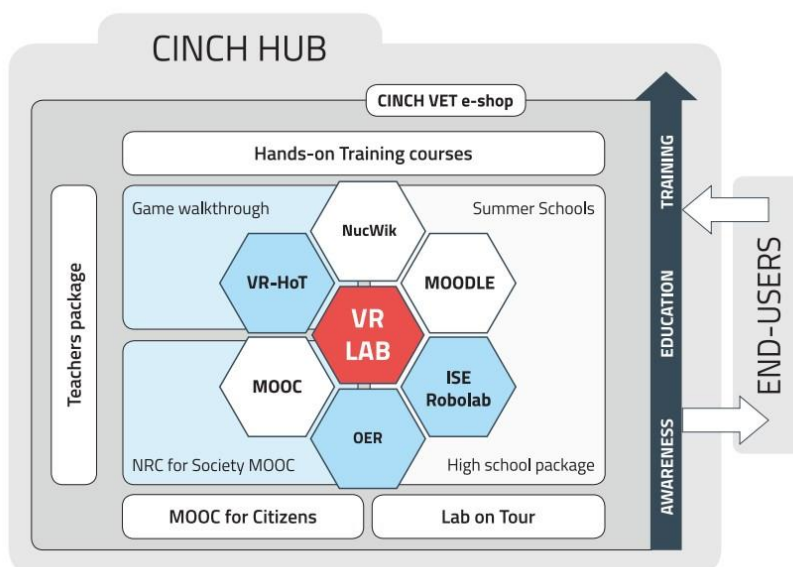


Figure 3 A-CINCH project webpage under ENEN, summary of A-CINCH products, aim and targeted audiences.

Figure 3 illustrates the CINCH Hub.

The CINCH Hub will be (not ready at the moment when this report is released) the big umbrella that will link the activities produced along the CINCH projects.

Figure 3 allows also to visualise the main audiences intended for each activity: teachers, high-school students etc. and the main scope of those activities. Some of them want to raise awareness (e.g. the MOOC – Massive Online Open Course), others are specifically intended for educational purposes (e.g. the MOODLE), others provide an opportunity for training (e.g. HoT – Hands on Training).

2.2.2 Innovative Educational Tools

This short section aims to briefly underline the novelty that will characterise the main project objective, the realisation of the CINCH Hub. The image wants to show the Virtual Radiochemistry Lab (VR-Lab) part of the same CINCH Hub.

The CINCH Hub is considered the most important output that A-CINCH will produce because it will group together all the tools developed in the present and past CINCH projects.

The picture presents the virtual reality laboratory and was made available by the project partner OVGU (Otto-Von-Guericke University).



Figure 4 A-CINCH project webpage under ENEN, Virtual Radiochemistry Laboratory illustration

2.2.3 Organisation of the work

This section summarizes the distribution of the project work among working packages (WP) organized around project pillars.

The pillars are the biggest shells describing the main aim of the work performed by the WP.

- 1- Conceiving the Virtual Reality Laboratory (WP1 & 2)
- 2- Develop, maintain and wrap up the activities which are linked to it. The development refers to new tools, the maintenance refers to new versions of already existing tools and the wrapping-up refers to making the same tools ready to be implemented and exploited for the project aims. (WP 3 & 4)
- 3- Create and raise nuclear awareness, among those audiences whose attention can be steered towards the NRC field with the aim to attract and retain more people. (WP 5)

There are two more WP in the project in charge of project management (WP7) and dissemination (WP6). These two WP have a transversal role and interact with all the project partners to assure the best possible communication about their activities and proper supervision of the project as a whole.

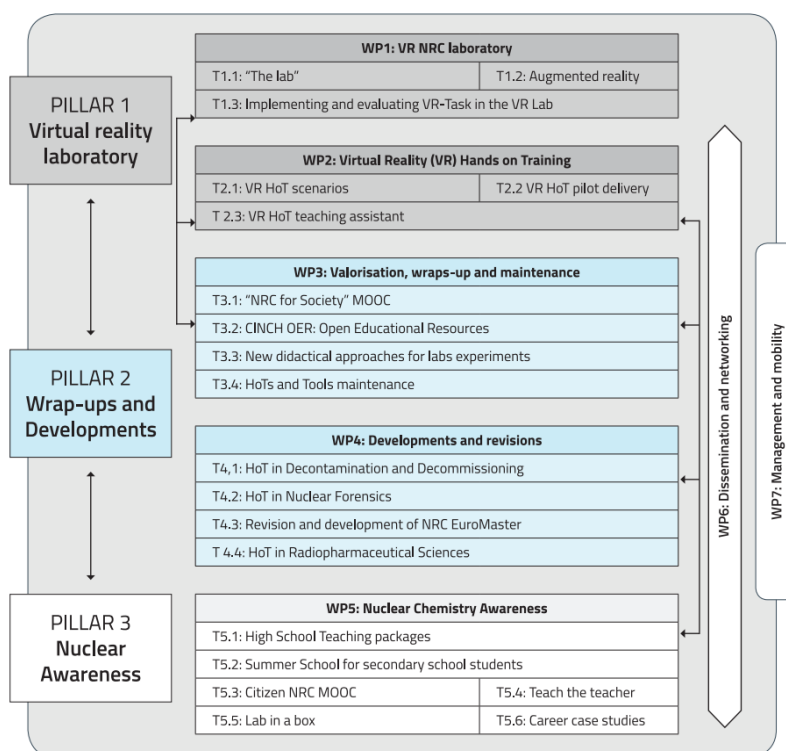


Figure 5 A-CINCH project webpage under ENEN, work distribution among WP and project pillars.

2.2.4 Project partners

In this last section, all project partners are introduced. It is possible to find:

- A table with hyperlinks to the partners institutions websites
- A map to visualize their location
- All partener insitutions logos.

N°	Participant organization name	Short name	Country
1	Czech Technical University in Prague	CTU	Czech Republic
2	Gottfried Wilhelm Leibniz University Hannover	LUH	Germany
3	Politecnico di Milano	POLIMI	Italy
4	Institut Jozef Stefan	JSI	Slovenia
5	Chalmers Tekniska Hoegskola Ab	CHALMERS	Sweden
6	Helsingin Yliopisto	UH	Finland
7	University Of Leeds	UNIVLEEDS	United Kingdom
8	Otto-Von-Guericke University	OVGU	Germany
9	National Nuclear Laboratory Limited	NNL	United Kingdom
10	Institut Mines-Telecom	IMT	France
11	European Nuclear Education Network	ENEN	Belgium
12	University Of Cyprus	UCY	Cyprus

13	Universitetet i Oslo	UIO	Norway
14	The Secretary of State for Environment, Food and Rural Affairs	CEFAS	United Kingdom
15	Evalion s.r.o.	EVALION	Czech Republic
16	M.V. Lomonosov Moscow State University	MSU	Russian Federation
17	Instituto Superior Tecnico	IST	Portugal



Figure 6 A-CINCH project webpage under ENEN, map showing partners institutes location.

2.2.4.1 Partners logos





3 CONCLUSIONS

The webpage dedicated to the A-CINCH project under the ENEN website has been implemented to inform both the general public and specialized stakeholders about the project main aspects, with the aim to improve the project visibility relying on the ENEN average number of visits of its website. It will help redirecting visits to the main project website as well, thanks to the provided link.

It will be possible to update the content of the page during the project years.

Finally, reference to the project and associated results will continue to be disseminated beyond the project termination, as this webpage will be kept live within the ENEN website.