

# SECURE

**Project Number 101061230**

**DELIVERABLE D5.2**

**WEBPAGE UNDER ENEN WEBSITE**

**Lead Beneficiary: ENEN**

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<b>For the Lead Beneficiary</b>	<b>Reviewed by Work package Leader</b>	<b>Approved by Coordinator</b>
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Dissemination Level		
PU	Public	X
RE	Restricted to a group specified by the Beneficiaries of the SECURE	
CO	Confidential, only for Beneficiaries of the SECURE project	



### Version control table

Version number	Date of issue	Author(s)	Brief description of changes made
0.1	15/11/2022	Roberta CIRILLO	1 <sup>st</sup> draft
0.2	15/12/2022	Roberta CIRILLO	Partners comments integrated

### Project information

Project number:	101061230
Project full title:	Strengthening the European Chain of sUpply for next generation medical RadionuclidEs
Acronym:	SECURE
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Type of action:	EURATOM-RIA
Project Coordinator Organization:	NCBJ
Coordinator:	Renata Mikołajczak
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Start date – End date:	01/10/22 – 30/09/25 (36 months)
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Online contacts (website):	<a href="https://enen.eu/index.php/portfolio/secure-project/">https://enen.eu/index.php/portfolio/secure-project/</a>

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## EXECUTIVE SUMMARY

In the frame of the SECURE project (EURATOM funded action) an informative webpage about the project framework, aim and work structure has been created under the ENEN website. ENEN stands for European Nuclear Education Network and is the partner in the SECURE consortium and leader of WP5 – Communication, Dissemination, Exploitation. ENEN website can be found at [www.enen.eu](http://www.enen.eu). The dedicated SECURE webpage can be reached at the following link: [SECURE webpage](#)<sup>1</sup>. This aims to increase the project visibility relying on the ENEN network and the visibility that can be provided through its main website.

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<sup>1</sup> <https://enen.eu/index.php/portfolio/secure-project/>

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# 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 **88 Members and Partners** from 27 countries, consisting of different types of entities: Research Centers, Industrial Companies, Universities, TSO (Technical Support Organisation) and International Institutions.

The website [www.enen.eu](http://www.enen.eu) is reached on average by about 20.000 visitors per year.

ENEN has implemented a dedicated section showcasing the whole project portfolio in its website. It is possible to find there all projects in which ENEN was and is currently involved.

This section can be found at <https://enen.eu/index.php/projects/>.




ENEN 2plus PROJECT	SATE PROJECT	TOURR PROJECT	MORE RUNNING PROJECTS	MORE COMPLETED PROJECTS
			A-CINCH Project	ANNETTE Project
			ARIEL Project	CORONA II Project
			ECC-SMART Project	ECNET Project
			ELSE Project	ELINDER Project - EC JRC
			ENEN 2plus Project	ENEN Project
			FREDMANS Project	ENEN II Project
			GO-VIKING Project	ENEN III Project
			GREaT PIONEER Project	ENEN plus Project
			INSC T&T Project	ENEN RU I Project
			OFFERR Project	ENEN RU II Project
			SaTE Project	ENETRAP II Project
			<b>SECURE Project</b>	EUJEP-1 Project
			TANDEM Project	EUJEP-2 Project
			TOURR Project	EUROTRANS Project
				MEET-CINCH Project
				NEPTUNO Project
				NUSHARE Project
				PELGRIMM Project
				PETRUS II Project
				PETRUS III Project
				SARENA Project
				TRANSAFE Project

Figure 1 ENEN project portfolio

## **2 WEBPAGE PURPOSE**

The webpage has been created to enhance the SECURE project visibility and to serve as online reference. No other project website is foreseen to be created.

It is intended to be updated with the main project outcomes as the project goes on, and also maintained after the project closure.

### 3 WEBPAGE STRUCTURE

This is intended to be very simple but informative at the same time.

- General project background with synthetic description of the project aim
- Project working structure (in Work Packages) embedding a short description of the goals of each work package
- List of project partners with hyperlinks and logos<sup>2</sup>
- Pictures from the main events

In the series of screenshots provided below the webpage structure is presented.

#### DESCRIPTION of the SECURE Project

The SECURE project aims to make a major contribution to the **sustainability of medical isotope production** and its safe application in Europe.

It is focusing on promising developments in the design of irradiation targets, and production routes for existing and new isotopes in nuclear therapy and diagnostics.

Isotopes which are critical for the success of nuclear medicine are selected and research activities are identified to address some of the major challenges in securing its future availability.

Objectives are the following:

1. to remove critical barriers along the production of its selected **alpha and beta-emitting** isotopes that restrict **sustainable production**,
2. to develop a **framework of guidance and recommendations** that enable exploring the **full clinical potential** of alpha and beta particle therapy and its safe application
3. to provide important **lessons learned that act as a demonstration case** for addressing issues in **upscaling and sustained isotope production**.

The expected demand of nuclear medicine for novel alpha-emitters and beta-emitters requires a re-evaluation of their production methods and inventories of target materials and parent radionuclides.

The ambition of the SECURE consortium is to identify and efficiently use the current resources for new radionuclides, particularly for alpha emitters and the relevant beta-emitting theranostic radionuclides.

The development of alternative technologies for the production of such therapeutic radionuclides for improved patient treatment requires multidisciplinary scientific and technological knowledge including physics, chemistry, material science, machining of target materials, chemistry, biology and radiobiology, radiopharmacy and nuclear medicine.

All this chain of expertise is present in the SECURE consortium.

#### Figure 2 General project background

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<sup>2</sup> At the time this report has been drafted, not all partners provided hyperlinks or logos. This is not a problem since the report is being prepared in advance and missing links and logos will be added as long as they are sent to WP5 leader.

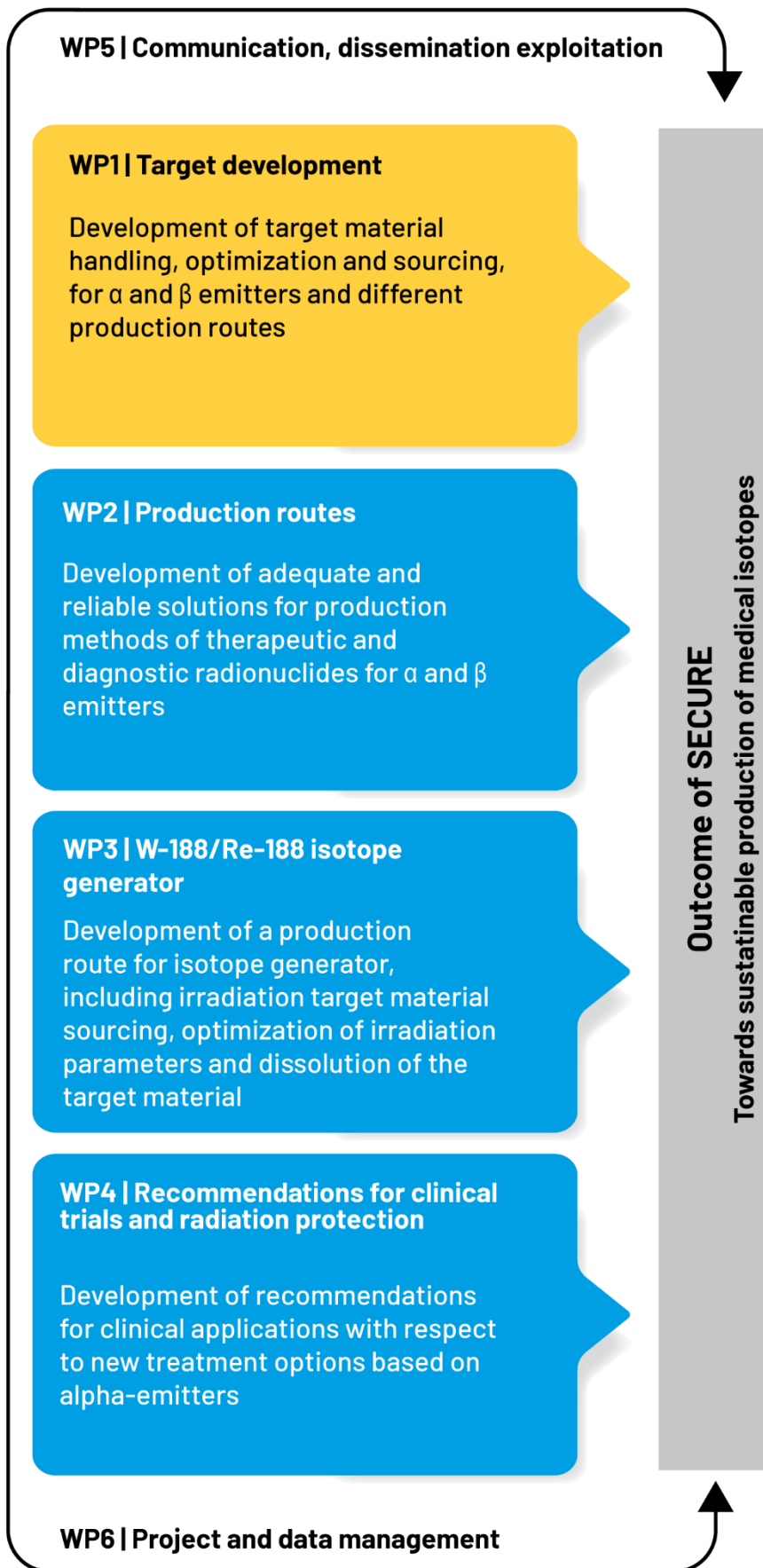


Figure 3 Project working structure



## PARTNERS

N°	Participant organization name	Short name	Country
1	<a href="#">NARODOWE CENTRUM BADAN JADROWYCH</a>	NCBJ	Poland
2	NUCLEAR RESEARCH AND CONSULTANCY GROUP	NRG	Netherlands
3	<a href="#">INSTITUT MAX VON LAUE – PAUL LANGEVIN</a>	ILL	France
4	<a href="#">INSTITUT JOZEF STEFAN</a>	JSI	Slovenia
5	<a href="#">EUROPEAN NUCLEAR EDUCATION NETWORK</a>	ENEN	Belgium
6	ENERGIATUDOMANYI KUTATOKOZPONT	EK	Hungary
7	<a href="#">EUROPEAN FEDERATION OF ORGANISATIONS FOR MEDICAL PHYSICS</a>	EFOMP	Netherlands
8	<a href="#">AGENZIA NAZIONALE PER LE NUOVE TECNOLOGIE, L'ENERGIA E LO SVILUPPO ECONOMICO SOSTENIBILE</a>	ENEA	Italy
9	<a href="#">STUDIECENTRUM VOOR KERNENERGIE / CENTRE D'ETUDE DE L'ENERGIE NUCLEAIRE</a>	SCK CEN	Belgium
10	<a href="#">EVALION SRO</a>	EVALION	Czechia
11	BUDAPESTI MUSZAKI ES GAZDASAGTUDOMANYI EGYETEM	BME	Hungary
12	<a href="#">CLUSTER INDUSTRIE DELLA SALUTE E DEL BENESSERE</a>	Clust-ER Health	Italy
13	<a href="#">CLUSTERUL REGIONAL INOVATIV DE IMAGISTICA MOLECULARA SI STRUCTURALA NORD-EST</a>	IMAGO-MOL	Romania
14	<a href="#">ISTITUTO ROMAGNOLO PER LO STUDIO DEI TUMORI DINO AMADORI – IRST SRL</a>	IRST	Italy
15	<a href="#">UNIVERSITE DE BRETAGNE OCCIDENTALE</a>	UBREST	France
16	<a href="#">UNIVERZITETNI KLINICNI CENTER LJUBLJANA</a>	UKCL	Slovenia
17	JOINT RESEARCH CENTRE- EUROPEAN COMMISSION	JRC	Belgium
18(associated)	<a href="#">NATIONAL NUCLEAR LABORATORY LIMITED</a>	NNL	United Kingdom

**Figure 4 List of project partners**



**Figure 5** Picture from the kick-off meeting



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## 4 CONCLUSIONS

The webpage dedicated to the SECURE project under the ENEN website has been implemented to inform about the project main aspects, with the aim to improve the project visibility relying on the ENEN average number of visits to its website.

It can be found at this link: <https://enen.eu/index.php/portfolio/secure-project/>

It will serve as the main online reference and be continuously updated during the project duration with the main project outcomes.

Finally, even beyond the project termination, this webpage will be kept live within the ENEN website.