

OFFERR project

eurOpean platForm For accEssing nucleaR R&d facilities

SNETP forum – June 2, 2022

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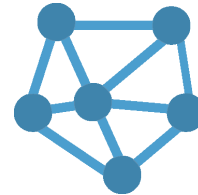
JSI: Leon Cizelj

Context and objectives

What do we want to OFFERR ?

- Support to the European nuclear R&D community

- Build European User Facility Network



- Provide and facilitate access to key nuclear science infrastructure and facilities

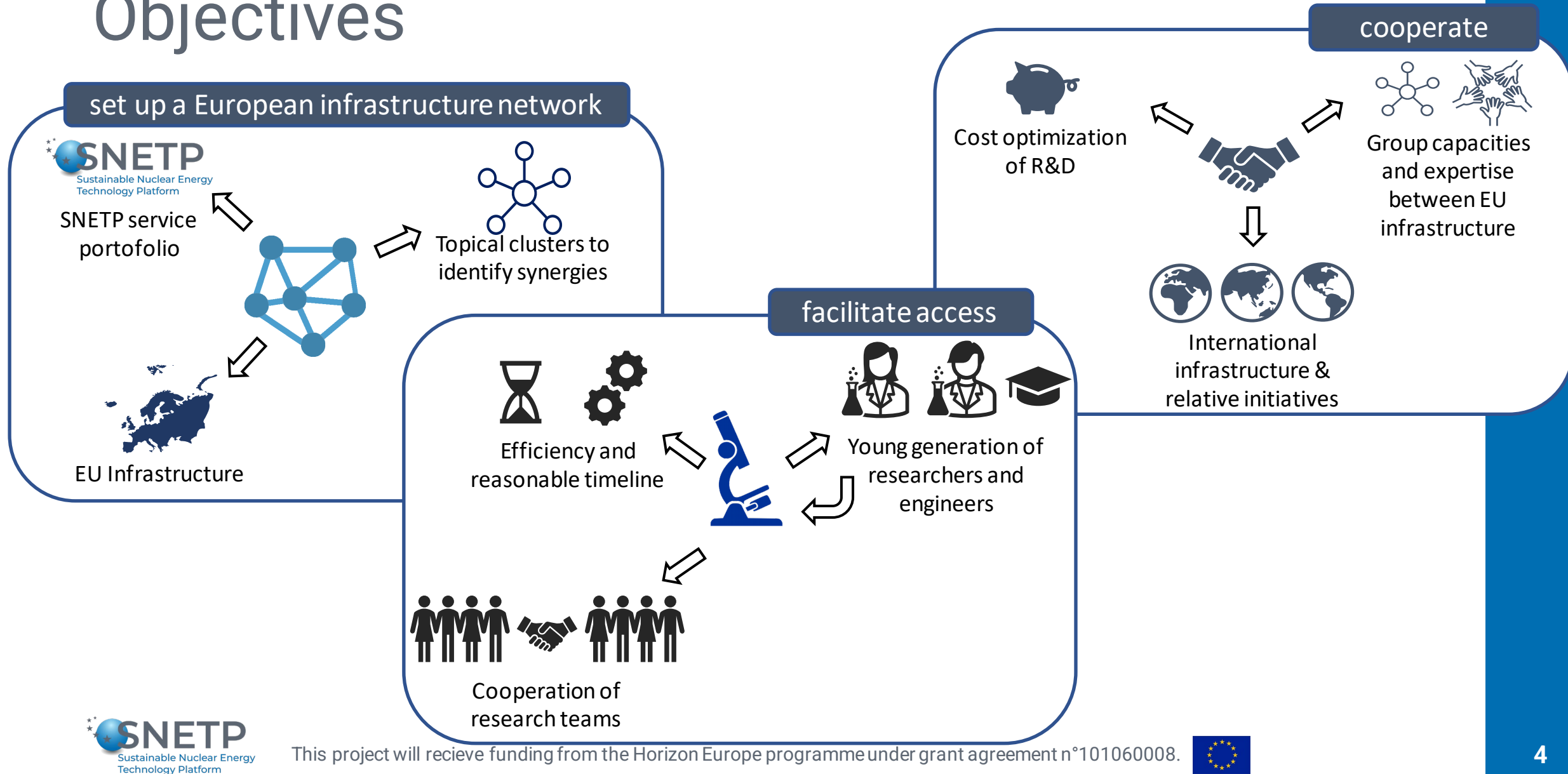


- For nuclear scientists and students



- Under the auspice of the Sustainable Nuclear Energy Technology Platform

Objectives



This project will receive funding from the Horizon Europe programme under grant agreement n°101060008.



OFFERR in a nutshell

Consortium

- 17 partners
- More than 130 person.month

Budget

- 9 M€ funding
- 7,2 M€ for financing the R&D activities

Schedule

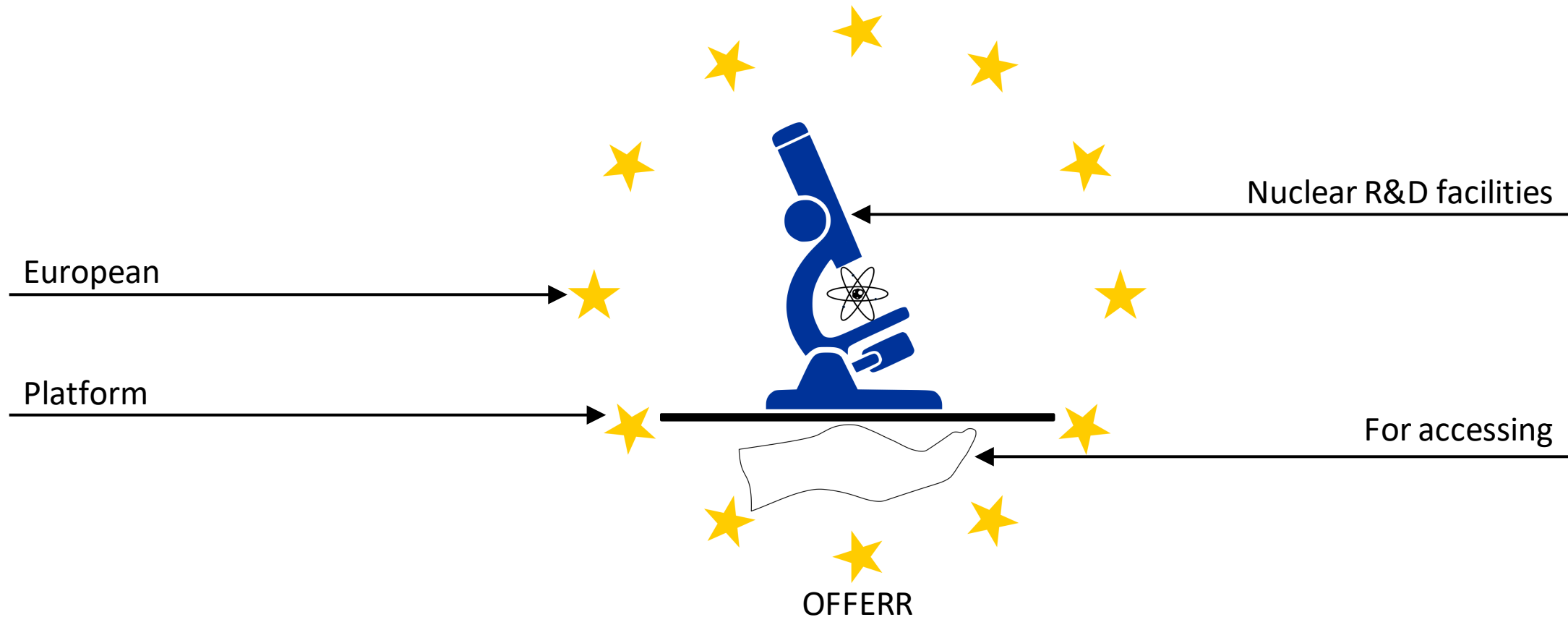
- 4 year project
- Call publication during the first year
- Several cut-off dates after the call publication

Call Publication

- 2 types of projects
 - Fast tracks
 - Complex projects
- Review by experts panel


OFFERR description

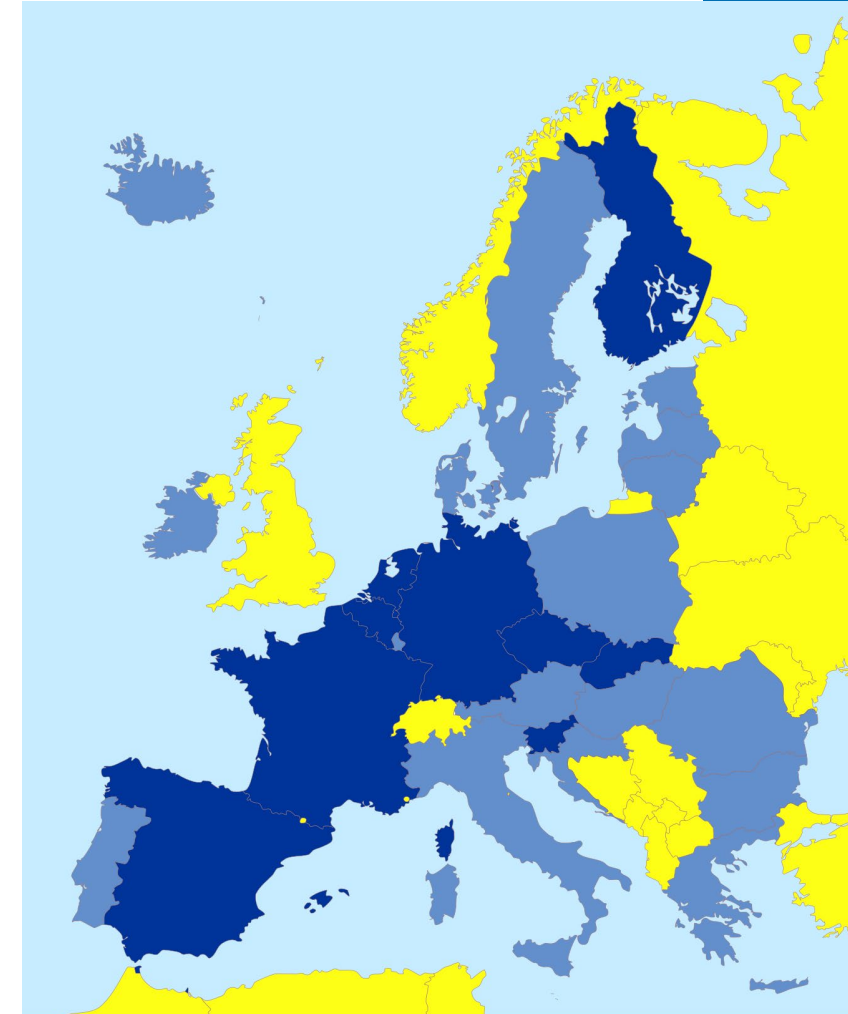
OFFERR logo proposal



eurOpean platForm For accEssing nucleaR R&d facilities

OFFERR consortium members

Member		Country
ELECTRICITE DE France	EDF	France
COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	CEA	France
CENTRO DE INVESTIGACIONES ENERGETICAS, MEDIOAMBIENTALES Y TECNOLOGICAS	CIEMAT	Spain
EUROPEAN NUCLEAR EDUCATION NETWORK	ENEN	Belgium
INSTITUT DE RADIOPROTECTION ET DE SURETE NUCLEAIRE	IRSN	France
INSTITUT JOZEF STEFAN	JSI	Slovenia
KARLSRUHER INSTITUT FUER TECHNOLOGIE	KIT	Germany
NUCLEAR RESEARCH AND CONSULTANCY GROUP	NRG	Netherlands
LGI SUSTAINABLE INNOVATION	LGI	France
STUDIECENTRUM VOOR KERNENERGIE / CENTRE D'ETUDE DE L'ENERGIE NUCLEAIRE	SCK CEN	Belgium
SUSTAINABLE NUCLEAR ENERGY TECHNOLOGY PLATFORM - SNETP	SNETP	Belgium
SLOVENSKA TECHNICKA UNIVERZITA V BRATISLAVE	STUBA	Slovakia
UJV REZ, a. s.	NRI	Czechia
UNIVERSITY OF STUTTGART	USTUTT	Germany
TEKNOLOGIAN TUTKIMUSKESKUS VTT OY	VTT	Finland
JOINT RESEARCH CENTRE	JRC	EUROPE
ORGANISATION FOR ECONOMIC COOPERATION AND DEVELOPMENT NUCLEAR ENERGY AGENCY	OECD NEA	



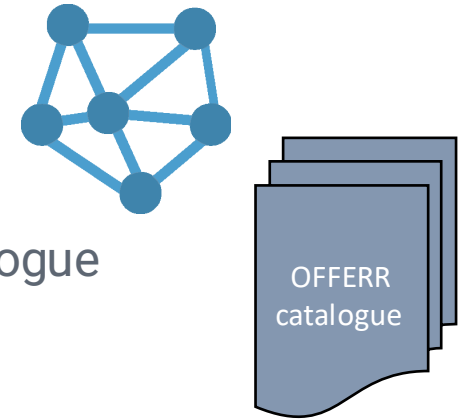
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OFFERR tasks

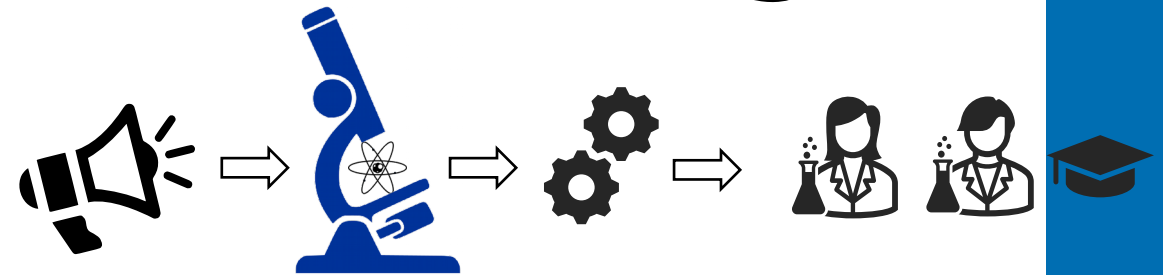
- **Initiation phase**

- Create the European User Facility Network and publish a facility catalogue
- Define call and cut-off dates



- **Application phase**

- Publish the call and evaluate the applications
- Monitor the projects launched
- Disseminate application results
 - Cf. presentation Education and training and facilities by Leon Cizelj

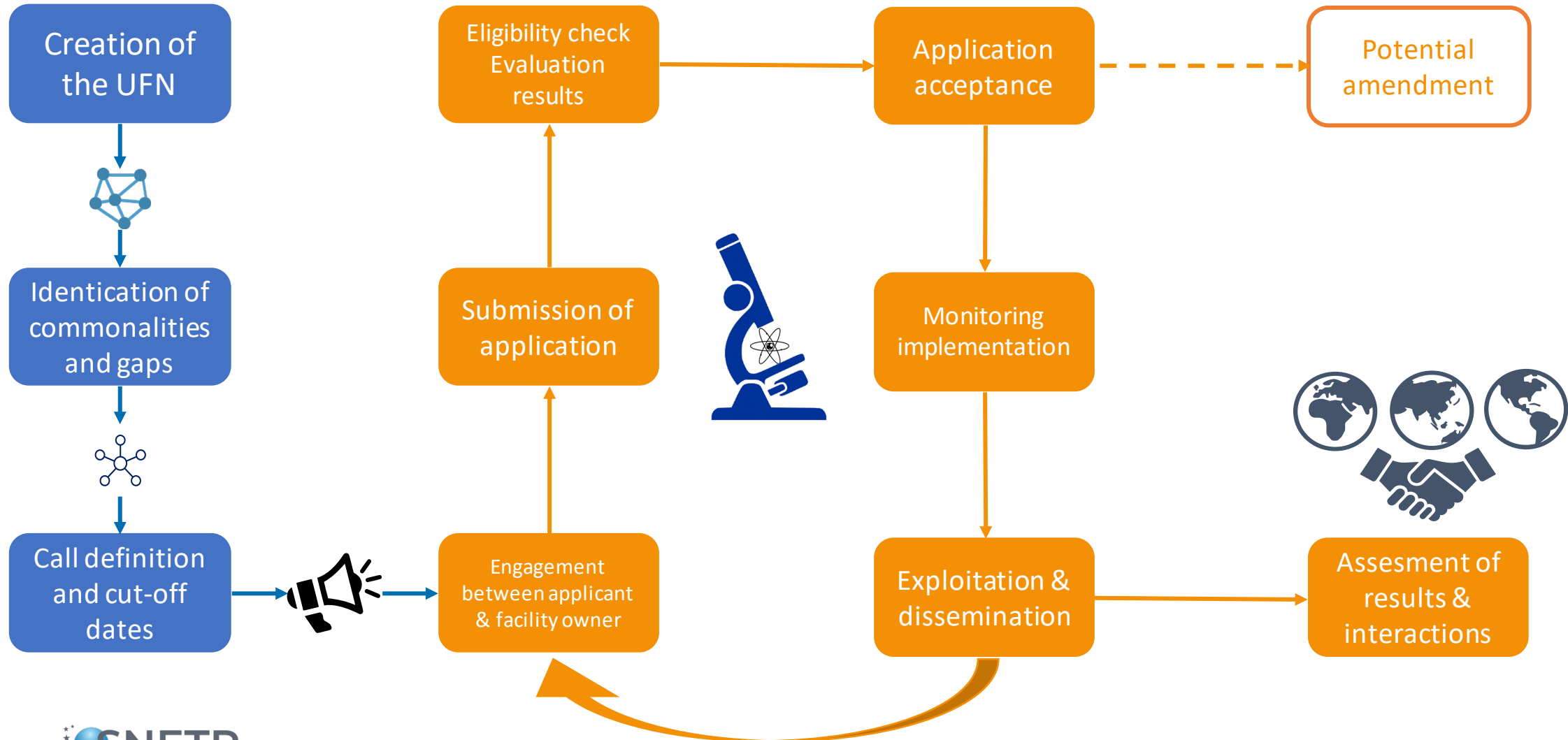


- **Cooperate with other international initiatives and programs**








- Cf. presentation Setting up the „European User Facility Network“ by Jiří Žďárek



Overall Methodology



OFEERR Work Packages

#	Title	Leader	Activity during the project
WP1	User facility network	CEA	
WP2	Design & launch call for infrastructure access	SCK CEN	
WP3	Evaluation process monitoring	VTT	
WP4	European & international interactions & training	JSI	
WP5	Scientific Monitoring, Dissemination & Exploitation	UJV	
WP6	Project coordination, management & communication	EDF	
WP7	Facilitating access to infrastructure	LGI	

OFFERR main deliverables

Title	Date
Definition of the content and format for the Infrastructure Factsheet	M3
Project Quality Plan	M3
SNETP Database of user facilities	M6
Communication and Dissemination Plan	M6
OFFERR call toolkit	M8
Report on achieved synergies with NRT-1-13 project	M24
Summary of Evaluation Summary Reports corresponding to cut-off dates	M28 & M45
Report on established international interactions	M42
Report on non-disclosure, confidentiality and no conflict-of-interest engagements	M45
Scenarios for integration of the OFFERR call service to the SNETP service portfolio	M47

OFFERR main milestones

#	Title	Date
M1.1	Set-up of the User facilities network	M6
M1.2	Definition of clusters & their members	M8
M2.1	Call	M11
M2.2 ... M2.7	Cut-off dates	M14 ... M42 (every 6 months)
M3.1	Technical peer review committee established	M12
M4.1	Joint event of SNETP, OFFERR and project funded under NRT 1-13	M20
M5.1	Secured funding for OFFERR initiative beyond project duration	M48
M6.1	Creation of a dedicated space on the SNETP website for projects funded by OFFERR	M20

International collaborations

- OECD NEA
 - FIDES



- USA
 - NSUF
 - EPRI
 - PNNL



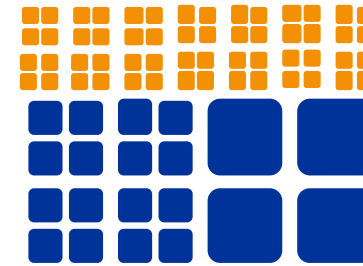
- UK
 - National Network User Facility



- The project intends to initiate or strengthen links with other initiatives

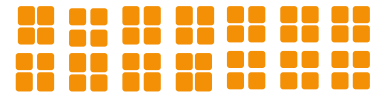
OFFERR applications

OFFERR applications



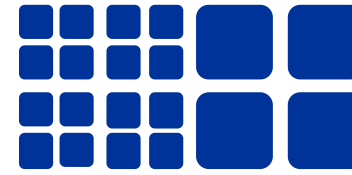
- Two types of applications are expected
 - “Fast track” applications (< 50 k€)
 - to perform studies of limited scope which are to be completed in less than 6 months of access to the infrastructure.
 - ~70 fast-track applications expected
 - A catalogue of fast-track activities that can be performed and covered by the project funding will be published as part of the OFFERR call, including whenever possible, an estimation of the related unit costs.
 - “complex” applications (> 50 k€)
 - to perform studies with extended scope to be completed in less than a year and a half.
 - These complex projects are of two types:
 - Between 50-300 k€ (~15 funded applications expected)
 - Higher than 300 k€ (~ 4 funded applications expected)

Fast tracks





- Accessible to consortium members and third parties
- Funding
 - Financial Support to Third Parties (FSTP) process
- Examples
 - The analysis of a sample with a particular microscope
 - The test of a new material with Cold Spray



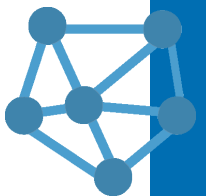
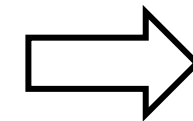


Complex projects

- Examples
 - Benchmarks
 - Complex studies
- Budget < 300 k€ 
 - Open to consortium members and third parties
 - Possible to use FSTP funding process
- Budget > 300 k€ 
 - Accessible to consortium members only
 - Need to make an amendment

Conclusion

- Thanks to all the persons who have contributed to the definition of the project.
 - Consortium members
 - EC officers
- Kick-off meeting is scheduled for September 1.
- We suggest you fill out forms to describe your facilities and prepare the European User Facility Network.



Contact us



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