



# **SHARE**

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**D5.5: Sustainability Action Plan** 

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# Version history

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V2	16.06.2020	Romain Tricon [IEIC]	Integration of partners Inputs
V3	03.09.2020	Christine Georges [CEA]	Review & finalisation





# Abstract

As a coordination and support action (CSA), SHARE will not create/developed new technologies or scientific result as it could be in a research and innovation action (RIA) or innovation action (IA). Therefore, not a classical exploitation plan is foreseen but a Sustainability Action Plan.

Thus, this deliverable aims at identifying the outcomes of each WP and explaining how each partner could exploit them after the project lifetime. For some outcomes, this deliverable will also present the ambition of the consortium in term of maintenance and promotion as well as the technical tools to achieve it.





# **Deliverable content**

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# I. Definition of project outcomes a. Introduction

In this first section of the Sustainability Action Plan, we present the expected outcomes of the project for each WP, as well as the partners involved in the production of that outcome. Each outcome is then specifically described as being either exploitable in a near future after SHARE, or non-exploitable.

# b. Identification of project outcomes

### i. WP1

Outcome 1.1: List of community stakeholders

List of community stakeholders with insurance that the relevant spectrum (main actors like operators, industry, research organisations, regulators, waste management organisations, technical support organizations, standardization organizations, policy advocacy groups, etc.) is addressed.

List of community stakeholders					
Related DeliverablesD1.1: Inventory of the relevant actors					
Type of Outcome         List and methodology				y	
Partners involved					
CEA	EI	ENRESA	IFE	JRC	
KIT	LEI	NNL	SCK	SOGIN	
VTT					

#### Possible Exploitations:

The nature of some data collected during the project will impose to the consortium to be compliant with the General Data Protection Regulation (GDPR). Therefore, SHARE consortium will give a special importance to personal data. This issue 'Personal data collection and processing' is part of WP5 'Project results Dissemination and Exploitation' and described in the deliverable D5.2: 'Data Management Plan'.

Nethertheless, one important noticeable outcome of SHARE project was the building of a community interested in Decommissioning topics. We then have to think about the best way to further work within this community, after asking the stakeholders present on the list if they wish to.

Depending on the outcome of WP4 (proposal for implementation of the roadmap, etc.), this paragraph will be reviewed.

In addition, the methodology used to gather the relevant contacts for questioning trough a European project is described in D1.1 that is public. Therefore, both consortium members and





outside stakeholders will be able to get inspired to implement similar methodology into their own project.

# Outcome 1.2: Development of a methodology to generate a valid roadmap for decommissioning research.

The overall approach of SHARE is based on a consultation process with the broader community involved in decommissioning across the world. For that purpose, a methodology is developed, and different assessments tools (criteria, drivers and qualifiers) are defined. An online consultation process will be implemented to collect the views of the community stakeholders, with the aim to identify their needs and to rank such needs according to the identified criteria.

Simultaneously, available solutions will be identified and evaluated through the drivers previously specified in the project. A gap analysis between present and expected situations is then made, resulting in a list of actions needed to fill the gaps.

Roadmap creation methodology					
Related De	Related Deliverables         D1.2: Methodology for evaluating the stakeholders'           needs, current available solutions and gap analysis				
Type of Outcome         Methodology					
		Partners involved			
CEA	ENRESA	VTT JRC NNL			
LEI					

#### Possible Exploitations:

The methodology is used to establish a strategic research agenda (SRA) and provide a roadmap with the topics identified in the SRA in such a way that those relevant for joint activities are addressed in time according to the requirements. The methodology will also allow to propose a deployment plan showing how these joint activities could be implemented.

To perform a proper a gap analysis, the consortium will take in account multiple factors and use a weighting matrix. For example, a weighting factor can be applied depending on the organization's size, location, etc. our consortium will share the strategic choice made regarding the weighting factor and how it influences outcomes from the questionnaire.

The methodology described into D1.2 will be fully accessible for stakeholder to implement it on similar projects. Furthermore, a dedicated article may be published through the project website and/or LinkedIn account.





#### Outcome 1.3: Qualifiers

Definition of implementation qualifiers such as societal impact (e.g. new products, services and technologies; expected economic renewal and growth; and relevance for sustainable development and wellbeing, better protection of European citizens and the environment from harmful ionising radiation), actor-specific impacts (e.g. contribution to competences and skills development; capacity to improve performance; and improvement of national/international networks), scientific excellence (e.g. quality in science and technology development; innovation capacity; and organisational performance); and financial sustainability (e.g. revenue and turnover; new solution offers; adequate funding for decommissioning and efficient use of infrastructures and facilities).

Definition of instruments for implementation are working groups, information exchange platforms, technical project, co-funding, technological transfer, research and innovation actions (RIA), coordination and support actions (CSA), etc.

Qualifiers					
Related D	eliverables	D1.3: Definition of implementation qualifiers and instruments for implementation			
Type of Outcome		List			
	Partners involved				
VVT	JRC	CEA NNL SCK			

#### Possible Exploitations:

The implementation qualifiers and the instruments for implementation will be used for building the roadmap from the Strategic Research Agenda (SRA) and propose a deployment plan showing how joint activities could be implemented.

These qualifiers can be used after CSA lifetime to monitor the impact of the roadmap on the nuclear decommissioning industry. Furthermore, a dedicated article may be published through the project website and/or LinkedIn account.





### ii. WP2

#### Outcome 2.1: Large Audience Targeted Questionnaire

The main achievement of WP2 will be the production of a consolidated questionnaire based on the draft questionnaire to reach a wide audience through the decommissioning value chain (more than 150 answers are targeted).

To develop such a tool, SHARE consortium had to adapt pre-existing methodology to build a tool suited to the intended targets, relying on an iterative process and the inputs received from the consortium members and ERP members for opinion and validation.

Questionnaire					
Related Deliverables		D2.1 : Draft Questionnaire			
		D2.2: Consolidated questionnaire			
Type of Outcome			Tool & Methodology		
	Partners involved				
ENRESA	CEA	JRC	KIT	LEI	
SOGIN					

#### **Possible Exploitations:**

In addition to the direct exploitation of the questionnaire through the project, the methodology and tools implemented might be of use for other similar initiatives. SHARE consortium is fully aware of the possible exploitation of them.

As they will not be described in any deliverable or made public in the lifetime of the project, SHARE consortium could envisage to communicate on it on their website and/or LinkedIn account.

Moreover, the source code used for the online questionnaire could be made public during or after the project.





#### Outcome 2.2: Methodology to analyse quantitative and qualitative questionnaire answers

SHARE consortium aims at receiving more than 150 answers to its questionnaire. Therefore, analysing those answers both on a quantitative and qualitative point of view will be quite a challenge. Indeed, based on methodology and tools developed through WP1, SHARE partners will have to try to present a truthful picture of Decommissioning needs in Europe, ignoring political aims of countries and stakeholders to present the most objective as possible analysis to build its SRA and roadmap.

Questionnaire					
Related Deliverables		<ul> <li>D2.3: Report on analysis of preliminary results from the questionnaire</li> <li>D2.4: Report on analysis of preliminary results for opinion endorsement</li> <li>D2.5 Matrix and explanatory report</li> </ul>			
Type of	Outcome	Methodology			
		Partners involved	0,		
ENRESA	CEA	JRC	KIT	LEI	
SOGIN					

#### Possible Exploitations:

Despite the direct exploitation of the questionnaire results through the project, the methodology implemented to analysing them might be of use for other similar initiative. SHARE consortium is fully aware of the possible exploitation of them.

As they will not be described in any deliverable or made public in the lifetime of the project, SHARE consortium could envisage to communicate on it on their website and/or LinkedIn account.





### iii. WP3

#### Outcome 3.1: International best practices

A review will be produced of existing state of the art, technologies and organisational best practices currently used across the nuclear industry in line with the needs determined in WP2. A report will be produced summarising the outcome of this review.

International best practices					
Related Deliverables D3.1 Report detailing applicable technologies methodologies				echnologies/	
Type of (	Outcome	Report/list of technologies			
		Partners involved			
SOGIN	NNL	CEA	KIT	LEI	
JRC	IFE	VTT ENRESA			

#### Possible Exploitations:

The solutions identified in this review, combined with the output of the survey from WP2 and methodology developed in WP1, will be used in task D3.2 to perform a gap analysis to identify potential areas where research development and demonstration of innovative solutions could lead to cheaper, faster and safer future decommissioning options.

This report D3.1 will subsequently feed into WP4 to inform the SHARE project outcomes D4.1 The Strategic Research Agenda, D4.2 the roadmap and D4.3 Instruments for implementing the SHARE SRA.

In addition to the publication of the methodology used to asses such a large-scale review, the deliverable will be published on the website and linked account once validated by the European Commission.





#### Outcome 3.2: Gap analysis

The outcome of task 3.2 will be a report comparing the different technologies/ activities using GAP analysis/ benchmark (e.g. TRL, SRL ...). The task will be led by KIT and will compare the technologies set out in task 3.1 against the results of the needs questionnaire survey performed in WP2.

Gap analysis					
Related DeliverablesD3.2 Technology assessment/ gap analysis report				analysis report	
Type of Outcome Bench			Benchmark		
	Partners involved				
KIT ENRESA CEA JRC NNL				NNL	

#### Possible Exploitations:

The outcome of the task reported in D3.2 will be used to highlight gaps in technology/work practices and identify potential areas where research development and demonstration of innovative solutions could lead to cheaper, faster, and safer future decommissioning options.

This report D3.2 will subsequently feed into WP4 to inform the SHARE project outcomes D4.1 The Strategic Research Agenda. Furthermore, a dedicated article may be published through the project website and/or LinkedIn account.





#### Outcome 3.3: International collaborative research initiatives overview

The outcome of this task will be to a report identifying potential collaborative technology development methodologies to inform WP4.

International collaborative research initiatives overview					
Related Deliverables D3.3: Report identifying and comparing international collaborative research initiatives					
Type of (	Outcome	Report			
		Partners involved			
NNL	IFE	CEA			

#### Possible Exploitations:

This report D3.1 will subsequently feed into WP4 to inform the SHARE project outcomes D4.1 The Strategic Research Agenda, D4.2 the roadmap and D4.3 Instruments for implementing the SHARE SRA

Additionally, the report will be used as a basis for options to establish effective and efficient international collaborations for technology development for the future.

Furthermore, a dedicated article may be published through the project website and/or LinkedIn account.





### iv. WP4

#### Outcome 4.1: Strategic Research Agenda

The strategic research agenda will visualize/summarize the outcomes of the previous three work packages. The outcome will list possible research and innovative activities aiming at safety improvement, environmental impact minimisation and cost reduction. It is the direct result of the gap analysis from WP3, with activities prioritized and grouped thematically.

Strategic Research Agenda					
Related DeliverablesD4.1 Strategic research agenda					
Type of (	Dutcome	Tool			
		Partners involved			
SCK CEN	CEA	JRC	ENRESA	NNL	
SOGIN	LEI				

#### Possible Exploitations:

Strategic research agenda is dedicated to be used by nuclear decommissioning stakeholders to manage their research and innovative activities. Our consortium aims, through this agenda, to help stakeholders to develop appropriate innovative solution in due course to tackle nuclear decommissioning challenges.

In addition of the public deliverable that will be available on SHARE public website, SHARE consortium could envisage to communicate on it on their website and/or LinkedIn account to enhance its visibility.





#### Outcome 4.2: Roadmap

The roadmap can be considered as the final outcome, based on the strategic research agenda organized along with a time schedule for implementation of defined actions and (joint) activities in the coming 10-15 years. It is based on all previous deliverables provided by all consortium members.

The roadmap provides a framework for collaboration on research activities related to decommissioning.

Roadmap				
Related Deliverables		D4.2 Roadmap		
Type of Outcome		Tool		
Partners involved				
SCK CEN	SCK CEN CEA JRC ENRESA NN		NNL	
EI	LEI			

#### Possible Exploitations:

The identification of the most promising Research topics for international collaboration is expected to support the European Commission and other stakeholders towards financing of strategically recommendable activities in the next decade.

All relevant actors in the field of decommissioning can use the roadmap as a first step to plan and achieve coordinated research activities with high needs and great potential benefits.

The roadmap can be a source of information or reference for similar work and provides a framework for future periodic monitoring and assessment of the joint programme.

In addition of the public deliverable that will be available on SHARE public website, SHARE consortium could envisage to communicate on it on their website and/or LinkedIn account to enhance its visibility.





#### Outcome 4.3: Instruments for Implementation

Instruments aiming at coordinating the highlighted Research activities are identified and/or proposed, based on existing collaborative experiences identified in WP3.

Instruments for Implementation of the Roadmap					
Related Deliverables D4.3 Instruments for Implementation					
Type of (	Outcome	Tool			
Partners involved					
SCK CEN	SCK CEN CEA		JRC ENRESA NNL		

#### Possible Exploitations:

<u>The proposed deployment plan will show how the identified joint activities could be</u> <u>implemented.</u>

In addition of the public deliverable that will be available on SHARE public website, SHARE consortium could envisage to communicate on it on their website and/or LinkedIn account to enhance its visibility.





### v. WP5

#### Outcome 5.1: CSA dedicated communication tools

One of the outcomes of WP5 is a dedicated tool to communicate about the project. This CSA adapted tool, is declined through communication supports (Kakemono, and flyers) and communication channels (LinkedIn account, website).

EI and CEA (project coordinator), based on all partners' inputs, produced this outcome as a part of the D5.1 Communication Toolkit deliverables.

The flyer and the kakemono will be used during event and workshop as a synthetic presentation. They will also be used for online communication on the website and the LinkedIn account.

The LinkedIn account and the project website will also be used as main channel of communication for the project to enhance the visibility of our project.

CSA communication tools				
Related Deliverables         D5.1 Communication toolkit				
Type of Outcome		Communication medium		
Partners involved				
CEA	EI			

#### Possible Exploitations:

Other consortium and other CSA could draw inspiration from our methodologies and tools developed within our project.

Our LinkedIn account, through the community federate around our project, may become an interesting channel of communication in the field of nuclear decommissioning. A thought would be given within the project, if and how we should maintain this account (based on the visibility of it).

SHARE consortium designed the roadmap to propose to the EU new projects in the field of decommissioning. These new consortiums might use SHARE communication tools to introduce the project and get inspiration for their own communication tools.

Other consortium in the field of nuclear decommissioning that may arise from the SHARE project can use the flyer and the kakemono to present the objectives of the roadmap (D5.1 Communication toolkit).





#### Outcome 5.2: External review management structure and organisation

Three workshops will be organised during SHARE project lifetime. Two will present the results of the benchmark of best practices and existing technologies. Another workshop will be organised to confront the identified gaps to the stakeholder's community. The fourth workshop will present SHARE project (it is not related to this outcome). CEA will lead this workshop and all consortium members will produce reports: D5.6, D5.7 and D5.8.

To organise such workshop and use them well, a dedicated organisation will be set up. Therefore, the main outcome arising from these workshops' organisations will be the methodology needed to do them.

Reports challenged by expert during three workshops				
Related Deliverables		D5.6 First Workshop on existing best practices		
		D5.7 Second Workshop on existing best practices		
		D5.8 Workshop on identified gaps		
Type of Outcome		Methodology		
Partners involved				
CEA	EI	ENRESA	IFE	JRC
KIT	LEI	NNL SCK SOGIN		
VTT		·	·	

#### Possible Exploitations:

This outcome will present a dedicated methodology to present both existing technologies benchmark and gap analysis. It will explain how to run workshops about these two subjects and how get maximum information from participants. The outcome is to communicate the experience that SHARE project get from organizing workshops.

Other EU projects which involve elaborating a roadmap or organising similar workshop might benefit from SHARE consortium experience to be more efficient during workshops.

The articles describing our methodology published on our website and LinkedIn account, the deliverables related to those workshops' organisations, may be used by another consortium.





#### Outcome 5.3: Dissemination log

The consortium has a strong and wide network with stakeholders that will be invited to join the events. Project results will be communicated at industrial fairs, conferences and through scientific papers. To help the dissemination of the results of our project to these stakeholders, a dedicated tool has been designed by our Consortium.

This tool help to follow the dissemination action from Consortium members (events participation, workshop attendance, etc.). It lists events and describe the audience. All consortium members are involved in the production of the document and CEA manage it as project coordinator.

Reports challenged by expert during three workshops					
Related Deliverables         D5.3 Dissemination action plan				n plan	
Type of (	Dutcome	Tool			
Partners involved					
CEA	EI	ENRESA	IFE	JRC	
KIT	LEI	NNL	SCK	SOGIN	
VTT					

#### **Possible Exploitations:**

This table will list EU and non-EU events in the field of nuclear decommissioning. Some events might be interesting for other EU consortium, especially events outside the EU and even outside Europe.

Moreover, the tool will be published on our LinkedIn account to provide other consortium this useful tool to follow their own dissemination action.





### vi. WP6

#### Outcome 6.1: Risk Mitigation methodology

Like any other project, SHARE project is subject to risk that could cause the failure of the project. To avoid it, all the consortium members are involved to produce a risk mitigation plan. This plan is built on a strong methodology brought by El.

This methodology will be used during the project to prevent project failure during the entire project lifetime.

Risk Mitigation methodology				
Related Deliverables		D6.2 Risk Analysis Contingency Plan		
Type of Outcome Methodology				
Partners involved				
CEA	EI	EI ENRESA IFE JRC		
KIT	LEI	NNL	SCK	SOGIN
VTT				

#### Possible Exploitations:

A risk mitigation methodology can be useful to other non-technical consortiums. Indeed, risk mitigation methodology for highly technical project are well known but it might not be the case in non-technical project. Moreover, most of consortium members have a scientific background and might not have the managerial knowledge to mitigate non-technical project risks.

The SHARE project experience can benefit to other non-technical consortiums. A though will be given to decide what best channel could be used to disseminate this methodology.





#### Outcome 6.2: CSA Adapted project Management

CEA is used to manage a lot of technical consortium in technical projects like RIA or IA. However, CSA are less common and require a dedicated management structure.

The whole consortium has proposed a specific structure during the proposal preparation phase and will make this structure evolve all along the project to adapt it to the lifetime of the project.

The resulting structure, or at least the return on experience on this management structure will be an interesting outcome for future CSA.

Risk Mitigation methodology					
Related Deliverables         D6.1 Consortium Agreement				nent	
Type of Outcome		Management structure			
	Partners involved				
CEA	EI	ENRESA	IFE	JRC	
KIT	LEI	NNL	SCK	SOGIN	
VTT					

#### Possible Exploitations:

Through the EC reviews and our experience, if our management structure reveals itself to be adapted and innovative, the consortium will consider publishing a dedicated article on it through our website and LinkedIn account.





# c. Characterization of project outcomes

The table here underneath presents a summary of all the project's outcomes and characterizes them:

Project outcomes	Type of outcome
List of community stakeholders	List & Methodology
Roadmap creation methodology	Methodology
Qualifiers	List
Large Audience Targeted Questionnaire	Tool & Methodology
Methodology to analyse quantitative and qualitative questionnaire answers	Methodology
International best practice	List
Gap analysis	List
International collaborative research initiatives overview	List
Strategic Research Agenda	Tool
Roadmap	Tool
Instruments for Implementation	Tool
CSA communication tools	Communication medium
External review management structure and organisation	Methodology
Dissemination log	Tool
Risk Mitigation methodology	Methodology
CSA Adapted project Management	Management structure





# II. Sustainability action plan

### a. Introduction

In this second section of this deliverable, SHARE consortium explains how it intends to capitalize on the outcomes of the project. Therefore, in a first subsection the overall strategy of the project in terms of sustainability of its outcomes and a second subsection will presents the dedicated strategy for each outcome.

The idea behind, this strategy is to maximize the impact of our project by allowing as much as possible the exploitation during and after the project lifetime of all our outcome, even the smaller one, to enhance the cooperation within the nuclear dismantling and decommissioning field first and more broadly after.

Some of the outcome relies on WP4 which include creation of the road map. This deliverable should be revised according to results form WP4 by the end of the project.

## b. Overall Strategy

The objective of SHARE project is to provide an inclusive roadmap for joint near future research, for stakeholders jointly to improve safety, reduce costs and minimize environmental impact in the decommissioning of nuclear facilities, with commitment to:

- Build confidence in the steps needed for the generation of knowledge on decommissioning and its safety, economic and environmental aspects.
- Encourage the future coordination of Research and Innovation (R&I) activities strategically recommendable for financing in the next decades.
- Facilitate access to expertise and technology and maintain competences in the field of decommissioning and environmental remediation for the benefit of Member States.

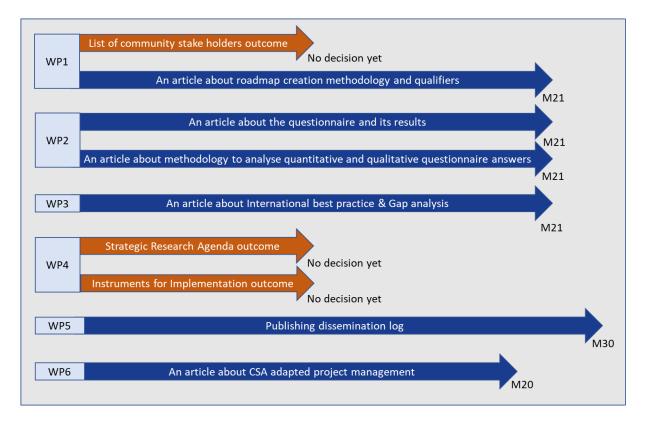
In order to fulfil these commitments, the strategy is to maximize the impact of our project by allowing as much as possible the exploitation of all our outcomes during and after the project lifetime.

To enhance the impact of the work performed within SHARE, special attention will be paid to the strengthening of the decommissioning network built during SHARE project. Therefore, each partner, and each member of the ERP will endorse the role of ambassador towards the networks they are already part of. They will be in charge to keep their network active throughout and after the project.

Partners of the project commit to host and maintain the data collected, but also commit to carry the knowledge produced within the project to their respective networks.







# c. Specific Strategy

#### <u>WP1</u>

#### List of community stakeholders

The list of stakeholders contains professional mail addresses as well as telephone numbers, names and organisation's names. Therefore, management of this data must comply with European General Data Protection Regulation (GDPR). Most importantly, it means that some personal data collected during SHARE project cannot be shared. Moreover, to share personal data, SHARE needs to ask stakeholders prior to using them.

For this outcome, the GDPR severely limits the exploitation of the list of community stakeholders. However, the goal of SHARE project is to build a community around nuclear decommissioning. A compromise needs to be found between building a community and GDPR compliance.

#### Consortium did not take a final decision yet.

#### Roadmap creation methodology

The overall approach of SHARE is based on a consultation process with the broader community involved in decommissioning across the world. For that purpose, a methodology is developed. To transfer this methodology to other consortiums, JRC, VTT and SCK-CEN will write an article that will be published on the SHARE website and on the LinkedIn account. This article will be published at the beginning of the WP4 focusing on the roadmap in M21 (January 2021). Prior to writing the article,





consortium will make sure take to methodology is working. Consortium members may also present this work during international conferences.

#### <u>Qualifiers</u>

Qualifier are made to monitor roadmap's impact after the end of the project. However, consortium members cannot monitor this qualifier since the project will end before being able to measure qualifier. The only possible solution is to transfer this qualifier to other consortiums. It will be done through the same article mentioned above.

#### <u>WP2</u>

#### Large Audience Targeted Questionnaire

One or two articles will be published on both LinkedIn and SHARE website about the methodology to build the questionnaire and its result. **ENRESA will write a first draft and all consortium members will contribute**. Consortium members may also present this work during international conferences.

#### Methodology to analyse quantitative and qualitative questionnaire answers

This topic will be discussed in the article write by JRC, VTT and SCK-CEN.

#### <u>WP3</u>

#### International best practice & Gap analysis

SHARE consortium will perform a review of international best practice and a gap analysis between needs and available solutions. Dedicated deliverables will contain the complete review and analysis. A short version of this deliverable will be published in an article. It can be a top 20 identified gaps and best practices in nuclear decommissioning. **NNL and SOGIN will draft the article by M21 (January 2021).** Consortium members may also present this work during international conferences.

#### International collaborative research initiatives overview

A possible exploitation is to present SHARE project conclusions to organization representatives. It is not possible since this task can only be done after project's end. Consortium members are still free to it on their own initiative.





<u>WP4</u>

#### Strategic Research Agenda

The first version of this document is published before WP4 on Strategic Research Agenda, Roadmap and instruments for implementation. Therefore, the roadmap design is not set, and possible exploitations are difficult to imagine. However, Consortium member already highlighted that the roadmap will only cover a restricted number of topics comparing with all topics treated during the course of the project. Topics that are not presented in the roadmap are important for some organisations and need to share with them.

The ideal option is to create a contact platform to connect organisations sharing the same problem. Nevertheless, this task cannot be done during SHARE project. Consortium think that supranational entities such as Nugenia in Europe or IAEA can manage the community initiate by SHARE project.

#### SHARE consortium will take a final decision by the end of WP4.

#### <u>Roadmap</u>

SHARE Consortium will share the roadmap directly with IAEA, NEA and Nugenia at the end of the project.

#### Instruments for Implementation

For the same reasons as the Strategic Research Agenda, SHARE consortium will take a final decision by the end of WP4.

#### <u>WP5</u>

#### CSA communication tools & External review management structure and organisation

Consortium will not perform any specific action since it is common tools and management structure.

#### **Dissemination** log

Consortium will publish the dissemination log on its website.





#### <u>WP6</u>

#### **Risk Mitigation methodology**

The main risk of this project was to not have enough answers from stakeholders. The mitigation of this risk will be treated in the article about the questionnaire. **So, this outcome will not have any exploitation.** 

#### CSA Adapted project Management

Consortium will publish an article about the management structure of the project. This article will focus on the relations between the consortium, the expert review panel and the stakeholder community. EI will and publish this article by the end of 2020 (M20).





# d. Synthesis

The following table summarize the exploitations chosen by the consortium.

WP	Outcome	Exploitation	Partners involved	Timing
WP1	List of community stakeholders	To be decided after road map implementation in WP4		
	Roadmap creation methodology Qualifiers	Article on LinkedIn, on the website and/or presentation	Draft by JRC and VTT. Revision by all partners.	M21
	Large Audience Targeted Questionnaire	Article on LinkedIn, on the website and/or presentation in international conference	Draft by ENRESA. Revision by all partners	M21
WP2	Methodology to analyse quantitative and qualitative questionnaire answers	Article on LinkedIn, on the website and/or presentation in international conference. Published with WP1 article	Draft by ENRESA, LEI and SOGIN. Revision by all partners.	M21
WP3	International best practice & Gap analysis	Article on LinkedIn, on the website and/or presentation in international conference	Draft by SOGIN, KIT and NNL. Revision by all partners	M21
WP4	Strategic Research Agenda	To be decided at the		
WP5	Instruments for implementation Dissemination log	end of WP4 Publish it on project website	Written by all partners and published by El	M30
WP6	CSA Adapted project Management	Article on LinkedIn, on the website and/or presentation in international conference	Written and published by El	M20