

SRL (societal readiness level) tool level explanations

GROW PHASE

Societal readiness level	Minimum activity for the level	Example activity for this level
SRL 1 – Identifying problem and identifying societal readiness.	Identifying a societal problem, stakeholders, and societal readiness.	Conduct a comprehensive problem analysis through literature review and/or engage with potential end-users through surveys, interviews, design processes (design thinking), or focus groups to gauge awareness and willingness to address the identified problem.
SRL 2 – Formulation of problem, proposed solution(s) and potential impact, expected societal readiness; identifying relevant stakeholders for the project.	Formulation of problem, solutions, and impact. Readiness of identified stakeholders determined	Develop a detailed proposal outlining the problem, proposed solutions, and the expected societal impact. Continue to engage with stakeholders in workshops or collaborative sessions to refine the proposal and identify relevant project stakeholders.
SRL 3 – Initial testing of proposed solution(s) together with relevant stakeholders.	Initial testing of solution concepts & scenarios with relevant stakeholders (surveys, workshops)	Initiate small-scale testing or simulations of the proposed solutions, involving key stakeholders to gather initial feedback and assess that the solution meets their needs in a controlled environment.
SRL 4 – Problem validated through pilot testing in relevant environment to substantiate proposed impact and societal readiness.	Pilot testing of prototype in relevant environment for feedback on practicality & acceptance /resistance.	Implement pilot testing in a real-world setting with the involvement of stakeholders, validating the effectiveness of the proposed solutions and confirming the societal impact in a specific environment.
SRL 5 – Proposed solution(s) validated, now by relevant stakeholders in the area.	Solution validated by relevant stakeholders in the area in various conditions.	Expand the validation to a broader group of stakeholders in the targeted area, ensuring that the proposed solutions align with local needs and garnering support from a diverse set of perspectives.
SRL 6 – Solution(s) demonstrated in relevant environment and in co-operation with relevant stakeholders to gain initial feedback on potential impact.	Demonstration in relevant environment with relevant stakeholders. Impacts, benefits.	Demonstrate the solutions in a real-world environment with active collaboration from stakeholders. Collect feedback, assess usability, and gain insights into the potential impact in a cooperative setting.
SRL 7 – Refinement of project and/or solution and, if needed, retesting in relevant environment with relevant stakeholders.	Refinement and retesting in relevant environment with relevant stakeholders.	Refine the project based on feedback received, addressing any identified shortcomings. Conduct additional testing if necessary, ensuring that the project and solutions are responsive to stakeholder needs.
SRL 8 – Proposed solution(s) as well as a plan for societal adaptation complete and qualified.	Plan for societal adoption complete, adapted to local culture and dynamics.	Finalize the proposed solutions and develop a comprehensive plan for societal adaptation. Ensure that the solutions align with the needs and expectations of stakeholders, and that the plan includes strategies for seamless integration into society.
SRL 9 – Actual project solution(s) proven in relevant environment	Solution proven in relevant environment	Implement the actual project solutions in the targeted environment, measuring their success and impact against predefined criteria. Gather conclusive evidence that the solutions effectively address the identified problem and contribute to societal well-being.

SRL (societal readiness level) tool method

GROW PHASE

1. KER 1 / innovation (Title and short description)			
2. Current SRL Level (Determine the current SRL level (1-9) of the project based on the criteria)	SRL:		
3. Evidence and justification (Provide evidence and justification for the identified SRL level)	1) Evidence:		
	2) Justification:		
4. Key achievements and milestones (List key achievements and milestones reached at the current SRL)	1)		
	2)		
	3)		
5. Challenges and gaps (Identify challenges and gaps preventing advancement to the next SRL)	1)		
	2)		
	3)		
6. Required actions to advance (List the actions required to advance to the next SRL)	1)		
	2)		
	3)		

SRL (societal readiness level) tool method

GROW PHASE

1. KER 2/ innovation (Title and short description)			
2. Current SRL Level (Determine the current SRL level (1-9) of the project based on the criteria)	SRL:		
3. Evidence and Justification (Provide evidence and justification for the identified SRL level)	1) Evidence:		
	2) Justification:		
4. Key Achievements and Milestones (List key achievements and milestones reached at the current SRL)	1)		
	2)		
	3)		
5. Challenges and Gaps (Identify challenges and gaps preventing advancement to the next SRL)	1)		
	2)		
	3)		
6. Required Actions to Advance (List the actions required to advance to the next SRL)	1)		
	2)		
	3)		

EXAMPLE: KER Bio-CCU and exploitation pathways

GROW PHASE

Key Exploitable Result	Responsible WP/org	Target need-owners and stakeholders	Exploitation strategy and desired impact. Plans to increase societal, market and commercial readiness	Expected TRL/SRL/MCRL increase
KER1: Carbon-Neutral Business Model	WPx/XX university	DG Env National env agencies	Co-creation of guidelines that fit the needs of the regulatory bodies and environmental targets	SRL 2 -> 4
KER2: Bio-CCU Value Chain Maps and Analysis for a) technical plastics and b) methanol	WPx/whole consortium	Regional industrial hubs, Ministries of Energy & Environment, CO2 users (fuels, chemicals, construction), environmental NGOs, cities & municipalities	Workshop series to plan useful interactive maps to bridge industrial emissions and potential users and to discuss & validate the potential and risks of CCU with energy & environmental policy and environmental NGOs.	SRL 2 -> 4

This method can be used to support the exploitation pathway planning with [exploitation booster workshop method](https://ecosystemplaybook.com/tools/exploitation-booster-with-ai/) <https://ecosystemplaybook.com/tools/exploitation-booster-with-ai/>

Date/Place/Project name:

10:00 - 11:00

Welcome and a brief introduction to the purpose and goals of the day.

- Introduction to the day's schedule and targets
- Presentation of relevant KERs being analyzed and workshop method
- Groups start work on their respective KER to map current level and evidence & achievements and identifying challenges and maps

11:00 - 12:00

Groups introduce their respective KER's and evidence, achievements and challenges to other groups

- Discussion and feedback to the KER work from other groups
- Groups work on the required actions for each KER in respective groups
- Each group presents action plan (5 min each)

- Summary of day's outcome & key results and next steps