

Task 1.3

Assess risks and capabilities

Task 1.3.2 Assess capabilities

What is this task about?

This task is about initially assessing (and monitoring) the capabilities necessary to implement the Climate Resilience Strategy and transition your region towards climate resilience. To support this, Pathways2Resilience offers the **Resilience Maturity Curve** – a comprehensive tool for monitoring, evaluation and learning that helps you to assess your readiness for transformative adaptation through the Regional Resilience Journey.

The Resilience Maturity Curve evaluates your region's four core resilience capacities to anticipate, adapt, absorb and transform. It recognises that regions and communities have varying resilience 'maturity', and that enhancing overall regional resilience depends on developing these capabilities. These capabilities can be strengthened through interventions that address both short-term and long-term regional resilience needs.



Insight: Your journey to climate resilience will not be linear. You can retake the Resilience Maturity Curve self-assessment at any time, using it as a tool to continuously assess and monitor your progress.

Pathways2Resilience's self-assessment questionnaire assists you in assessing your region's resilience capacities. The Resilience Maturity Curve questionnaire is aligned to the Regional Resilience Journey, including its key enabling conditions and adaptation investment cycle. This task involves completing the self-assessment questionnaire before using the insights gained from this assessment to identify gaps and develop a roadmap to improve your resilience maturity throughout the remainder of the Regional Resilience Journey.

Why is it important?

The Regional Resilience Journey empowers you to lead your region's transition to climate resilience. As such, it places particular emphasis on your region's anticipatory, adaptive, absorptive, and transformative capacities and related resources. Measuring your regional capabilities against these four capacities allows you to gain a comprehensive understanding of your region's current resilience maturity while also providing you with a measurable set of indicators against which to assess your region's ongoing progress to develop it.

Assessing these capabilities in sufficient detail is an important part to leveraging the key enabling conditions for your Regional Resilience Journey in the most effective and efficient way possible. It also serves to improve (stakeholder) awareness and understanding of the requirements of the different steps of the framework and thereby fosters a more informed and proactive community. The translation of your insights into a roadmap to improve your resilience maturity informs the (later) formulation of your shared vision, climate adaptation pathways and innovation portfolios, particularly in terms of the prioritisation of investments and other interventions. Establishing a shared understanding of current capabilities within your region can better ensure that any resources are strategically allocated.

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How can you complete it?

You undertake this task by completing the self-assessment questionnaire and then using this knowledge to identify key resilience gaps to address and monitor over the remainder of the Regional Resilience Journey. Specifically, this means you should step through the following activities:

- **Measure baseline resilience capacity:** Gain a comprehensive understanding of your current resilience levels in relation to the Regional Resilience Journey, by establishing your regional baseline.
- **Identify resilience gaps:** Pinpoint gaps in your resilience capacities in relation to the different tasks of the Regional Resilience Journey, to inform preparation of a roadmap for the targeted enhancement of your resilience maturity.
- **Identify key enabling conditions to leverage:** Determine the extent to which the key enabling conditions are currently being leveraged in the process of public policy innovation and change, to similarly inform preparation of your capabilities development roadmap.
- **Develop a roadmap to enhance resilience maturity:** Use information from the preceding activities to develop a roadmap to enhance your regional resilience capabilities. This should include any necessary skills and knowledge development, institutional development, as well as other activities relating to strengthening the enabling environment. It should also include the specification of relevant performance criteria by which to measure your progress in enhancing your resilience capabilities.
- **Share your assessment outcomes and roadmap with stakeholders:** Initiate meaningful dialogue to develop a shared understanding of your resilience maturity and roadmap among diverse stakeholders, to pave the way for collaborative efforts throughout the remainder of the Regional Resilience Journey.

To complete this task effectively, we strongly encourage you to engage a diverse group of stakeholders from your region, including local government representatives, community leaders, industry partners, and climate resilience experts.

What are key inputs for the task?

- Self-assessment questionnaire as part of the Resilience Maturity Curve framework.
- Stakeholder analysis (from Task 1.2.2)

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The principal output from this task is a roadmap against which to develop your region's resilience maturity. This is based on your region's adaptive capacity score from the Resilience Maturity Curve questionnaire, and which identifies your region's capacity gaps to undertake the Regional Resilience Journey. The score highlights areas where additional efforts are needed, especially in order to best leverage the key enabling conditions and develop your Climate Resilience Strategy and Climate Resilience Investment Plan. This roadmap provides focus to your efforts to strengthen resilience, guide strategic planning, and prioritise investments most effectively.

**Before moving on, have you...**

- ☐ Assessed capabilities, competencies and skills needed in the region to develop transformative adaptation pathways?
- ☐ Identified resilience gaps?
- ☐ Identified key enabling conditions to leverage?
- ☐ Developed a roadmap to enhance resilience maturity?

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Explainer: Resilience Maturity Curve

The Resilience Maturity Curve is a comprehensive tool for monitoring, evaluation and learning to help assess regional transformative adaptation readiness.

The Resilience Maturity Curve evaluates a region's resilience against four core resilience capacities:

- Anticipatory capacity: The ability of systems, institutions and humans to anticipate, prepare and plan for future climate risks.
- Absorptive capacity: The ability of systems, institutions and humans to stabilise and resist the impact of climate change. This includes responding in ways that enable effective and feasible adaptation solutions.
- Adaptive capacity: The ability of systems, institutions and humans to adjust to potential damage, take advantage of opportunities, or respond to consequences.
- Transformative capacity: The ability of systems, institutions and humans to change the fundamental attributes of a system in response to climate and its effects.

Enhancing overall regional resilience depends on developing these capabilities. These capabilities can be strengthened through interventions that address both short-term and long-term regional resilience needs. Using the Resilience Maturity Curve to assess regional resilience results in a combined adaptive capacity score and climate risk score which can be used to improve regional understanding of its resilience levels in relation to the risks it faces (see image below).

Figure 9: Risk and capacity quadrant.

