

# EU MISSIONS

ADAPTATION TO CLIMATE CHANGE

## EU Mission on Adaptation to Climate Change: First Barometer Update (to 31 October 2023)

January 2024

# ACKNOWLEDGEMENTS

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# 1. INTRODUCTION

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Development of the monitoring and evaluation framework (MEF) for the EU Mission on Adaptation to Climate Change has resulted in a proposed barometer that monitors the progress of delivery of the Mission's three objectives, which are to:

1. Provide general support to European regions, local authorities and communities (RLACs) in preparing and planning for climate resilience.
2. Accelerate the transformation to a climate-resilient future, supporting at least 150 European RLACs to accelerate their transformation to a climate resilient future.
  1. Build deep resilience by scaling up actionable solutions through 75 large-scale demonstrations of resilience across a number of European RLACs, with emphasis on cross-border cooperation and cohesion.

The barometer comprises 13 process and output indicators that each relate to one of the Mission's objectives or are cross-cutting in addressing more than one of the objectives (see Figure 1 below). Detailed information regarding each indicator, including its relevance, data collection, data manipulation, comparability, coverage, and dissemination can be found in individual indicator fiches (see Annex).

The barometer does not include outcome indicators regarding the components of risks (i.e., the sensitivity, adaptive capacity, and exposure of receptors to climate-related hazards) due to associated challenges, which include:

- The length of time that it can take to implement adaptation actions due to their scope and scale.
- The length of time that it can take adaptation actions to mature and deliver measurable outcomes, as exemplified by trees and their ecosystem services.
- The difficulties of attributing outcomes to an adaptation action, for example, due to:
  - The wide range of potentially confounding variables that may operate at all scales.
  - Difficulties in identifying a truly analogous comparator/control.
- The length of time that monitoring needs to be sustained, which poses practical issues regarding long-term funding and use of a consistent methodology for production of comparable data; meaning that successful long-term monitoring schemes are rare.

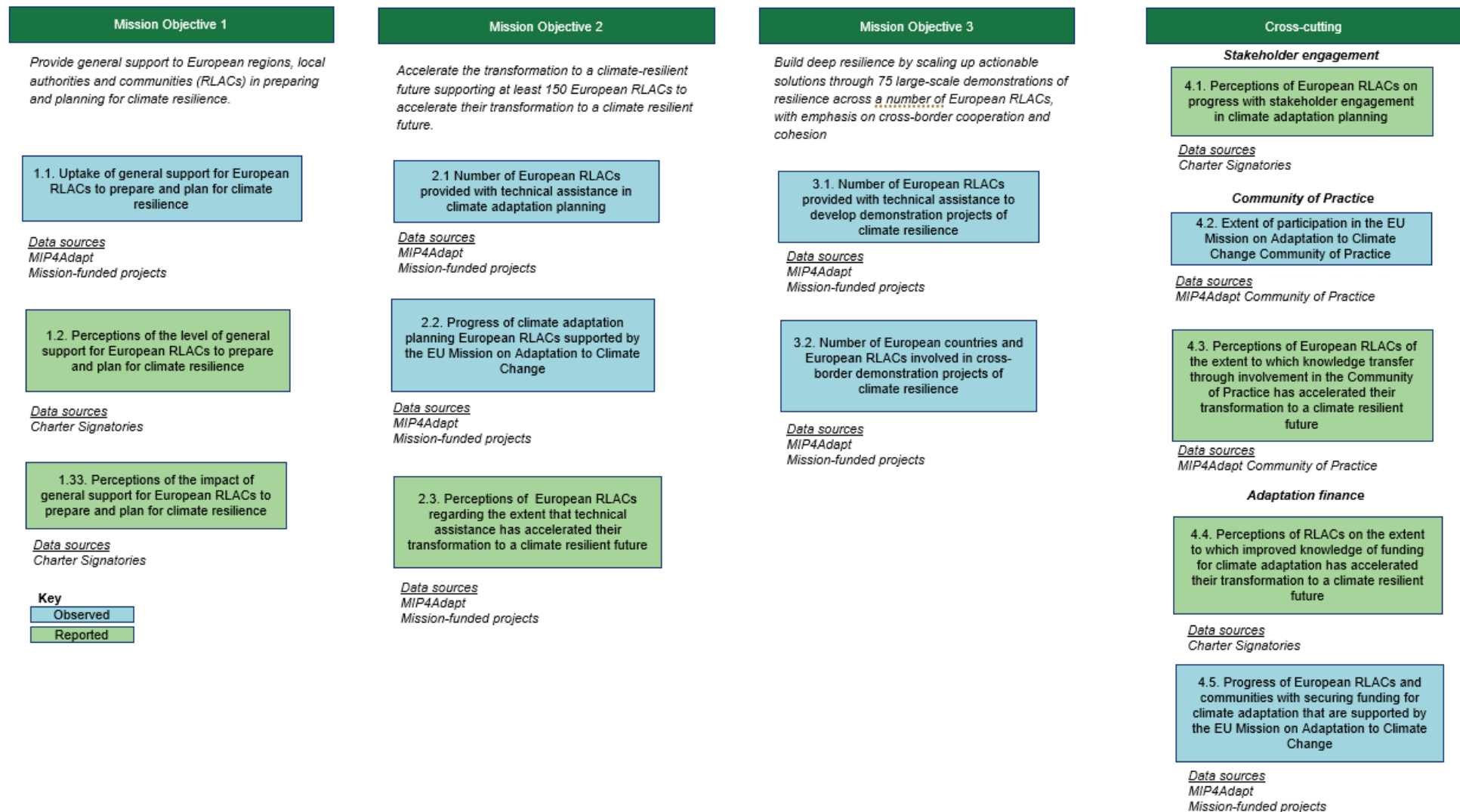


Figure 1. How the barometer's 13 indicators relate to the Mission's objectives

The purpose of the barometer update is to provide a snapshot of the progress of delivery of the Mission's three objectives. The first barometer update covers the period 1 January 2023 to 31 October 2023 (the initial phase of MIP4Adapt and the development of the monitoring and evaluation framework). The second barometer update covers a five-month period from 1 November 2023 to 31 March 2024. Each subsequent barometer update covers an additional six-month period, with a barometer update reported twice annually in April and October, within a month of data cut-off points on 31 March and 30 September. April and October are chosen as this allows sufficient time for reporting prior to the Mission Forums and to feed into end of year annual reporting.

This first barometer update presents data for two indicators in Section 2:

- Indicator 1.1 – Uptake of general support for European RLACs to prepare and plan for climate resilience
- Indicator 4.2 – Extent of participation in the EU Mission on Adaptation to Climate Change Community of Practice.

It is not yet possible to report data for the other 11 indicators for a range of reasons, which are explained in Section 2. It will be possible to present data for ten indicators in the next barometer update in April 2024 and to present data for all 13 indicators in October 2024.

Section 2 provides an update regarding each of the indicators and Section 3 presents overall conclusions and next steps.

## 2. PROGRESS OF DELIVERY OF THE MISSION'S OBJECTIVES

This section presents the indicators of relevance to each Mission objective and then those that are cross-cutting in addressing more than one of the objectives. For each indicator, it provides:

- A brief description of the indicator
- An explanation of the baseline
- Its status at the time of the latest data cut-off
- A brief review of progress, and
- A future outlook.

### 2.1 MISSION OBJECTIVE 1

*Provide general support to European RLACs in preparing and planning for climate resilience.*

The focus of the three indicators that relate to Mission Objective 1 is 'general support', which is defined as "any support that is intended to further European RLACs' abilities to prepare and plan for climate resilience that is not specifically tailored or limited to Charter Signatories or individual RLACs". The indicators address:

- Uptake of general support for European regions, local authorities, and communities to prepare and plan for climate resilience
- Perceptions of the level of general support for European regions, local authorities and communities to prepare and plan for climate resilience

Perceptions of the impact of general support for European regions, local authorities and communities to prepare and plan for climate resilience

#### 2.1.1 Indicator 1.1 Uptake of general support for European RLACs to prepare and plan for climate resilience

##### 2.1.1.1 Indicator description

The indicator monitors uptake of the following types of general support provided by the EU Mission Implementation Platform for Adaptation to Climate Change (MIP4Adapt) and Mission-funded Projects (defined as climate adaptation projects funded by a Mission-specific budget under Horizon Europe, see Annex for current list):

- Events – total number of participants from RLACs
- Training – total number of participants from RLACs

- Online resources – total number of unique visits across the MIP4Adapt, and Mission-funded projects' digital platforms and portals
- Tools and guidance – total number of downloads.

Mission-relevant Projects may also provide general support that furthers European RLACs' abilities to prepare and plan for climate resilience. However, they are not funded from a Mission-specific budget. The types of general support listed above provided by Mission-relevant Projects would be challenging to attribute to the Mission and be onerous for them to report, hence, they are not included here.

### 2.1.1.2 Baseline

The reference period started from a zero baseline on 1 January 2023.

### 2.1.1.3 Indicator status (31 October 2023)

The data presented for this first barometer update only comes from MIP4Adapt. A mechanism for gathering data from Mission-funded projects will be finalised by the next data cut-off (i.e., end of April).

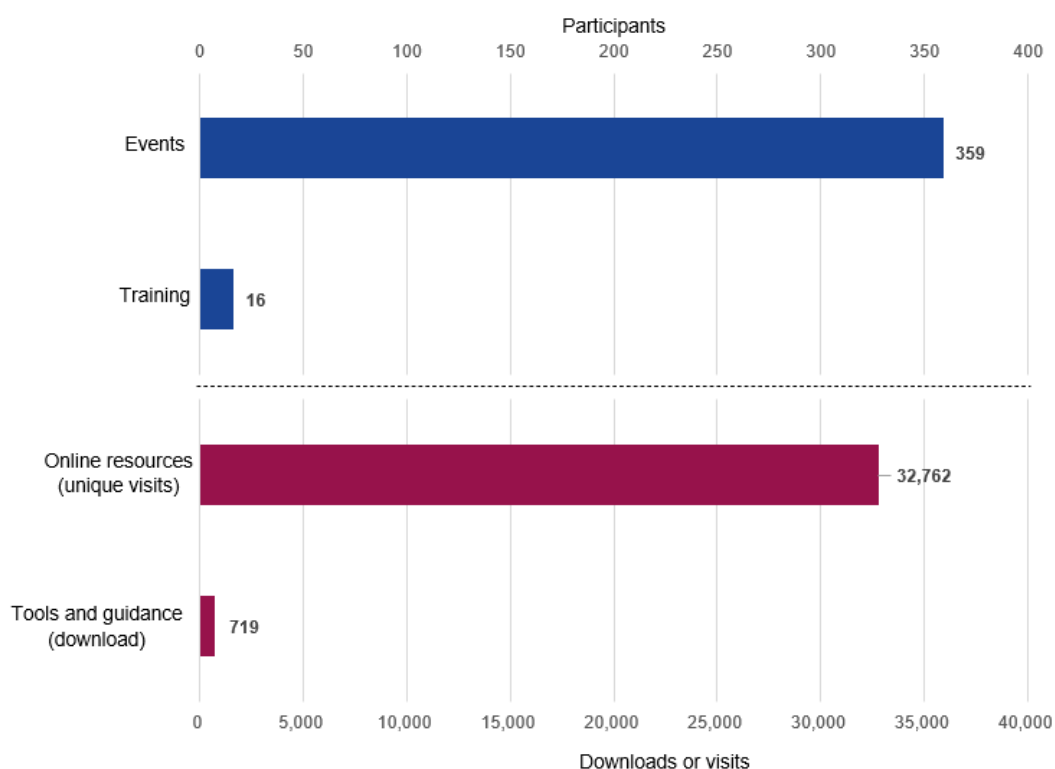


Figure 2 Uptake of general support for European RLACs to prepare and plan for climate resilience

### 2.1.1.4 Review of progress

MIP4Adapt has established a schedule of events and training sessions to provide general support for European RLACs to prepare and plan for climate resilience. Two events and one training session of relevance to this indicator were held in the period from 1 January to 31 October 2023 (*Seeking confirmation on numbers from launch event*). The events were the Mission Forum and an 'Introduction to Finance' that attracted 289 and 70 participants from RLACs respectively. The training session focused on Climate Risk Management.

MIP4Adapt worked with the European Environment Agency (EEA) to establish the Mission Portal on Climate-ADAPT, which went live on 19 April 2023. By 31 October 2023, the Portal received 32,762 unique visits.

Tools and guidance provided through the Mission Portal by 31 October 2023 comprised:

- "Stakeholder and Citizen Engagement in Climate Adaptation: A DIY Manual"
- A Mission Case Study on "Valencian Collaboration Space: towards multi-level governance in support of the EU Climate Missions", and
- Two Mission Stories on:

- “Staying cool during increasingly hot weather. Climate-resilient buildings in Stiefingtal, Austria”, and
- “Building heat resilience in Zagreb, Croatia. Embracing Nature-Based Solutions to cope with heat waves amid urbanisation and climate change”,

While Mission Case Studies and Mission Stories are about sharing experiences, Mission Case Studies are intended to offer a more extensive and thorough analysis of adaptation experiences in Europe. Mission Stories are shorter and more accessible.

Although data from MIP4Adapt for “online resources” and “tools and guidance” are not attributable to RLACs, the data is regarded as a reasonable proxy, as the support is intended to further RLACs' abilities to prepare and plan for climate resilience.

#### *2.1.1.5 Future outlook*

A total of four events and three training sessions to provide general support for European RLACs to prepare and plan for climate resilience have been scheduled over the next reporting period (1 November 2023 to 31 March 2024). Hence, the total number of participants from RLACs is likely to be substantially greater over the next reporting period.

It is anticipated that the total number of unique visits to the Mission Portal will continue to increase, as further development of the Mission Portal is planned for completion by 31 March 2024.

MIP4Adapt has agreed a protocol with the Mission Secretariat for selecting tools and guidance notes that are suitable for upload to the Mission Portal. It is anticipated that up to 18 tools and guidance notes will be uploaded to the Portal by 31 March 2024, so it is anticipated that the number of downloads will increase markedly.

Regions and local authorities have pointed to the challenges of financing adaptation projects as well as encouraging citizen and stakeholder engagement due to lack of awareness and interest. To address this, financing guidance and a related database on funding options will be published in the Mission Portal. Furthermore, general support could focus on awareness-raising as a topic, given there is interest from regions and local authorities to be supported on this aspect of citizen and stakeholder engagement.

To facilitate greater uptake of general support in preparing and planning for climate resilience, the Mission Portal will undergo changes to improve user experience, as well as MIP4Adapt having greater external engagement through participation and attendance at European and regional-level events.

### **2.1.2 Indicator 1.2 Perceptions of the level of general support for European regions, local authorities and communities to prepare and plan for climate resilience**

#### *2.1.2.1 Indicator description*

The indicator uses a survey question to monitor the perceptions of RLACs that are Charter Signatories regarding the level of general support available to RLACs more generally across Europe.

Data for this indicator is collected as part of a six-monthly online survey of RLACs that are Charter Signatories. The survey question is:

“What is your perception of the level of general support<sup>1</sup> available to all RLACs across Europe not just Charter signatories on a scale from 1 (very poor) to 5 (very good)?

#### *2.1.2.2 Baseline*

The reference period started from a zero baseline on 1 January 2023.

#### *2.1.2.3 Indicator status (31 October 2023)*

An indicator fiche has been produced.

#### *2.1.2.4 Review of progress*

The first round of data collection for this indicator is scheduled for April 2024, therefore, no progress can currently be reported.

#### 2.1.2.5 *Future outlook*

It is not possible to know what value will be reported when this indicator is first reported. However, as the Mission continues to progress, it is reasonable to forecast that the value should increase over future reporting periods as greater general support is provided.

### 2.1.3 **Indicator 1.3 Perceptions of the impact of general support for European regions, local authorities and communities to prepare and plan for climate resilience**

#### 2.1.3.1 *Indicator description*

This indicator monitors the perceptions of RLACs that are Charter Signatories regarding the extent general support has helped them progress towards climate resilience.

Data for this indicator is collected as part of a six-monthly online survey of RLACs that are Charter Signatories. The survey question is:

“To what extent has general support<sup>1</sup> you have received led to progress in preparing and planning for climate resilience on a scale from 1 (not at all) to 5 (substantially)?”

#### 2.1.3.2 *Baseline*

The reference period started from a zero baseline on 1 January 2023.

#### 2.1.3.3 *Indicator status (31 October 2023)*

An indicator fiche has been produced.

#### 2.1.3.4 *Review of progress*

The first round of data collection for this indicator is scheduled for April 2024, therefore, no progress can currently be reported.

#### 2.1.3.5 *Future outlook*

It is not possible to know what value will be reported when this indicator is first reported or how this may change over time.

## 2.2 **MISSION OBJECTIVE 2**

*Accelerate the transformation to a climate-resilient future supporting at least 150 European regions, local authorities, and communities (RLACs) to accelerate their transformation to a climate resilient future.*

The focus of the three indicators that relate to Mission Objective 2 is the Mission-related technical assistance received by RLACs. ‘Technical assistance’ is defined as any support received by individual RLACs that is specifically tailored to their context and needs regarding climate adaptation planning (as relevant to any step of the European Environment Agency’s Regional Adaptation Support Tool – RAST) and provided by MIP4Adapt or Mission-funded Projects. The indicators address:

- Number of European regions, local authorities and communities provided with technical assistance in climate adaptation planning
- Progress of climate adaptation planning by European regions, local authorities and communities supported by the EU Mission on Adaptation to Climate Change
- Perceptions of European regions, local authorities and communities regarding the extent that technical assistance has accelerated their transformation to a climate resilient future

### 2.2.1 **Indicator 2.1 Number of regions, local authorities and communities provided with technical assistance in climate adaptation planning**

#### 2.2.1.1 *Indicator description*

The indicator monitors the number of RLACS that receive “technical assistance’ and its relevance to each of the Mission’s 10 thematic areas:

1. Ecosystems and nature-based solutions

2. Land use and food systems
3. Water management
4. Critical infrastructure
5. Health and human wellbeing
6. Local economic systems
7. Knowledge and data
8. Governance and engagement
9. Behavioural change
10. Finances and resources.

#### 2.2.1.2 *Baseline*

The reference period started from a zero baseline on 1 January 2023.

#### 2.2.1.3 *Indicator status (31 October 2023)*



Figure 3 Number of European RLACs provided with technical assistance in climate adaptation planning

#### 2.2.1.4 *Review of progress*

The first request for MIP4Adapt's technical assistance was received on 18<sup>th</sup> April 2023. As of 31 October 2023, 33 regions were receiving technical assistance. The original intent was for 20 regions to have received technical assistance by 31 December 2023. However, at this early stage, no region's technical assistance has yet been completed, so the indicator value is zero. (Please see Annex for list of RLACs currently receiving support)

#### 2.2.1.5 *Future outlook*

The number of RLACs receiving technical assistance will increase by the next reporting period, with MIP4Adapt's next calls for Charter Signatories to apply for technical assistance scheduled for 30 November 2023 and 31 March 2024. In addition, Mission-funded Projects are scheduled to start providing technical assistance to RLACs (e.g., Pathways2Resilience, whose first application deadline closes on 29 February 2024, and CLIMAAX, whose first application deadlines close on 8 March 2024). However, it is not guaranteed that technical assistance to any RLAC will have been completed technical assistance will by the end of the second reporting period (i.e., 31 March 2024).

## 2.2.2 **Indicator 2.2. Progress of climate adaptation planning by European regions, local authorities and communities supported by the EU Mission on Adaptation to Climate Change**

### 2.2.2.1 *Indicator description*

This indicator monitors progression through each of the six steps of the EEA's Regional Adaptation Support Tool (RAST) by RLACs that receive 'technical assistance'. Progress of each RLAC is monitored by rating them on a three-point scale specific to each of the six-steps:

#### 2.2.2.2 *Baseline*

The reference period started from a zero baseline on 1 January 2023.

#### 2.2.2.3 *Indicator status (31 October 2023)*

An indicator fiche has been produced.

#### 2.2.2.4 *Review of progress*

The specifics of the indicator design were completed in November 2023, with no data collected for this reporting period. Data for this indicator will be collected, as RLACs receive technical assistance. Data will be gathered retrospectively for those RLACs which began receiving technical assistance prior to the indicator being finalised.

#### 2.2.2.5 Future outlook

Information on the status of RLACs in relation to each of the six steps of the RAST when they began receiving technical assistance will feature from the second barometer update onwards (April 2024), with information on their status after completion of their technical assistance likely to feature from the third barometer update onwards (October 2024).

### 2.2.3 Indicator 2.3. Perceptions of European regions, local authorities and communities regarding the extent that technical assistance has accelerated their transformation to a climate resilient future

#### 2.2.3.1 Indicator description

This indicator monitors the extent to which RLACs that receive 'technical assistance' perceive this support will help to accelerate their transformation to a climate resilient future.

The relevant individual RLACs are asked when their technical assistance is completed: "To what extent will the specific technical assistance received by your RLAC help to accelerate its transformation to a climate resilient future on a scale from 1 (not at all) to 5 (substantially)?"

#### 2.2.3.2 Baseline

The reference period started from a zero baseline on 1 January 2023.

#### 2.2.3.3 Indicator status (31 October 2023)

An indicator fiche has been produced.

#### 2.2.3.4 Review of progress

As no RLAC have completed a technical assistance period, no data for this indicator can be collected.

#### 2.2.3.5 Future outlook

When technical assistance is completed with the first RLACs that receive it, then reporting of progress against this indicator will begin. This is likely to be in the second barometer update (April 2024) and certainly from the third barometer update onwards (October 2024).

## 2.3 MISSION OBJECTIVE 3

*Build deep resilience by scaling up actionable solutions through 75 large-scale demonstrations of resilience across a number of European regions, local authorities, and communities, with emphasis on cross-border cooperation and cohesion.*

The two indicators relate to Objective 3:

- Number of European regions, local authorities and communities provided with technical assistance to develop demonstration projects of climate resilience.
- Number of European countries, regions, local authorities and communities involved in cross-border demonstration projects of climate resilience.

### 2.3.1 Indicator 3.1 Number of European regions, local authorities and communities provided with technical assistance to develop projects demonstrating climate resilience

#### 2.3.1.1 Indicator description

This indicator monitors the number and location of RLACs provided with technical assistance to develop demonstration projects of climate resilience. Demonstration projects are defined by the European Commission as having the following characteristics:

- a) Demonstrate the feasibility of implementing one or several climate adaptation solution(s) at scale in real-life (beyond lab conditions), whereby R&D/innovation is required to be able to implement the solution at scale in real-life in the specific project/environment at hand

- b) With a view to transforming a key system into a more climate resilient system (i.e. the water management system, land use & food system, health system, biodiversity and ecosystem, critical infrastructure, or regional economic system)
- c) With Nature-Based Solutions to be explored as a priority
- d) In line with the National Adaptation Plan and regional adaptation pathway/strategy, where available
- e) Carried out whilst ensuring citizens and stakeholder engagement
- f) Mobilising funding also from sources other than Horizon Europe (e.g. EIB, other EU funding, State aid, other public funding, private funding)
- g) Whereby the demonstration project has the commitment by the Region to maintain it for the future, beyond the implementation duration of the project.

This indicator also monitors the relevance of demonstration projects to each of the Mission's 10 thematic areas:

- Ecosystems and nature-based solutions
- Land use and food systems
- Water management
- Critical infrastructure
- Health and human wellbeing
- Local economic systems
- Knowledge and data
- Governance and engagement
- Behavioural change
- Finances and resources.

### 2.3.1.2 *Baseline*

The reference period started from a zero baseline on 1 January 2023.

### 2.3.1.3 *Indicator status (31 October 2023)*



Figure 4. Number of regions, local authorities and communities provided with technical assistance to develop projects demonstrating climate resilience

*The numbers of RLACs receiving technical assistance to develop projects demonstrating climate resilience in relation to each of the Mission's 10 thematic areas will also be presented as a bar chart and mapped as point data.*

### 2.3.1.4 *Review of progress*

No RLACs have been received technical assistance to develop demonstration projects at this stage.

### 2.3.1.5 *Future outlook*

As technical assistance to RLACs progresses, the number of demonstration projects that are identified and supported will increase. A number of RLACs are expected to receive support with development of demonstration projects and will be reported in the second barometer update (April 2024).

## 2.3.2 Indicator 3.2 Number of European countries, regions, local authorities and communities involved in cross-border demonstration projects of climate resilience

### 2.3.2.1 Indicator description

This indicator monitors the number of European countries and RLACs involved in cross-border demonstration projects of climate resilience that receive technical assistance from MIP4Adapt and Mission-funded Projects. Demonstration projects are defined by the European Commission as having the following characteristics:

- a) Demonstrate the feasibility of implementing one or several climate adaptation solution(s) at scale in real-life (beyond lab conditions), whereby R&D/innovation is required to be able to implement the solution at scale in real-life in the specific project/environment at hand
- b) With a view to transforming a key system into a more climate resilient system (i.e. the water management system, land use & food system, health system, biodiversity and ecosystem, critical infrastructure, or regional economic system)
- c) With Nature-Based Solutions to be explored as a priority
- d) In line with the National Adaptation Plan and regional adaptation pathway/strategy, where available
- e) Carried out whilst ensuring citizens and stakeholder engagement
- f) Mobilising funding also from sources other than Horizon Europe (e.g. EIB, other EU funding, State aid, other public funding, private funding)
- g) Whereby the demonstration project has the commitment by the Region to maintain it for the future, beyond the implementation duration of the project.

### 2.3.2.2 Baseline

The reference period started from a zero baseline on 1 January 2023.

### 2.3.2.3 Indicator status (31 October 2023)

An indicator fiche has been produced.

### 2.3.2.4 Review of progress

As of 31 October, no RLACs have yet received technical assistance to develop demonstration projects.

### 2.3.2.5 Future outlook

As technical assistance provided to RLACs progresses, the number of demonstration projects that are identified and supported will increase. A number of RLACs are expected to receive technical assistance with the development of developing demonstration by the next barometer update (April 2024).

## 2.4 CROSS-CUTTING

Four indicators relate to cross-cutting elements of the Mission's delivery (stakeholder engagement, the Community of Practice, and finance for climate adaptation) that relate to all three Mission Objectives. The indicators address:

- Perceptions of European regions, local authorities and communities on progress with stakeholder engagement in climate adaptation planning
- Extent of participation in the EU Mission on Adaptation to Climate Change Community of Practice
- Perceptions of European regions, local authorities and communities on the extent that knowledge transfer through the Community of Practice has accelerated their transformation to a climate resilient future
- Perceptions of European regions, local authorities and communities on the extent that improved knowledge of climate adaptation funding opportunities has accelerated their transformation to a climate resilient future.

## 2.4.1 Indicator 4.1 Perceptions of European regions, local authorities and communities on progress with stakeholder engagement in climate adaptation planning

### 2.4.1.1 Indicator description

This indicator monitors the extent to which RLACs perceive that they have been enabled to engage stakeholders and citizens in climate adaptation planning to accelerate their RLACs' transformation to a climate resilient future.

Data for this indicator is collected through surveying of RLACs that are Charter Signatories or involved with the Community of Practice. The question is: "As a Charter Signatory or an RLAC involved in the Community of Practice, to what extent has your RLAC been enabled to engage stakeholders and citizens to accelerate its transformation to a climate resilient future?". The survey question seeks responses on a five-point scale from 1 (not at all) to 5 (substantially).

### 2.4.1.2 Baseline

The reference period started from a zero baseline on 1 January 2023.

### 2.4.1.3 Indicator status (31 October 2023)

An indicator fiche has been produced.

### 2.4.1.4 Review of progress

The first annual survey will take place in 2024, so information on progress will feature in the third barometer update in October 2024.

### 2.4.1.5 Future outlook

It is not possible to know what value will be reported when this indicator is first reported. However, we might expect the value to increase across reporting periods, as RLACs will have greater time to engage stakeholders and citizens in climate adaptation planning.

## 2.4.2 Indicator 4.2 Extent of participation in the EU Mission on Adaptation to Climate Change Community of Practice

### 2.4.2.1 Indicator description

This indicator monitors:

The number and type of members of the Community of Practice

- Charter Signatories registered.
- Missions-funded and Mission-relevant projects registered.
- Friends of the Mission registered (Friends of the Mission defined as organisations, such as research institutions or businesses, that have expressed an interest and been invited by the European Commission to endorse the Charter and to contribute to the Community of Practice).

The number of participants in each Community of Practice 'nodes'. (Nodes are spaces for different target audiences within the Community of Practice. These include the interregional node (regions and local authorities); Research & Innovation (R&I) node (Mission Projects); EU-level node (policymakers); and the dialogue among these nodes.)

- Participants in "Interregional Node" events.
- Participants in "Research & Innovation (R&I) Node" events.
- Participants in "EU level Node" events.
- Participants in "Dialogue Among Nodes" events.

### 2.4.2.2 Baseline

The reference period started from a zero baseline on 1 January 2023.

### 2.4.2.3 Indicator status (31 October 2023)

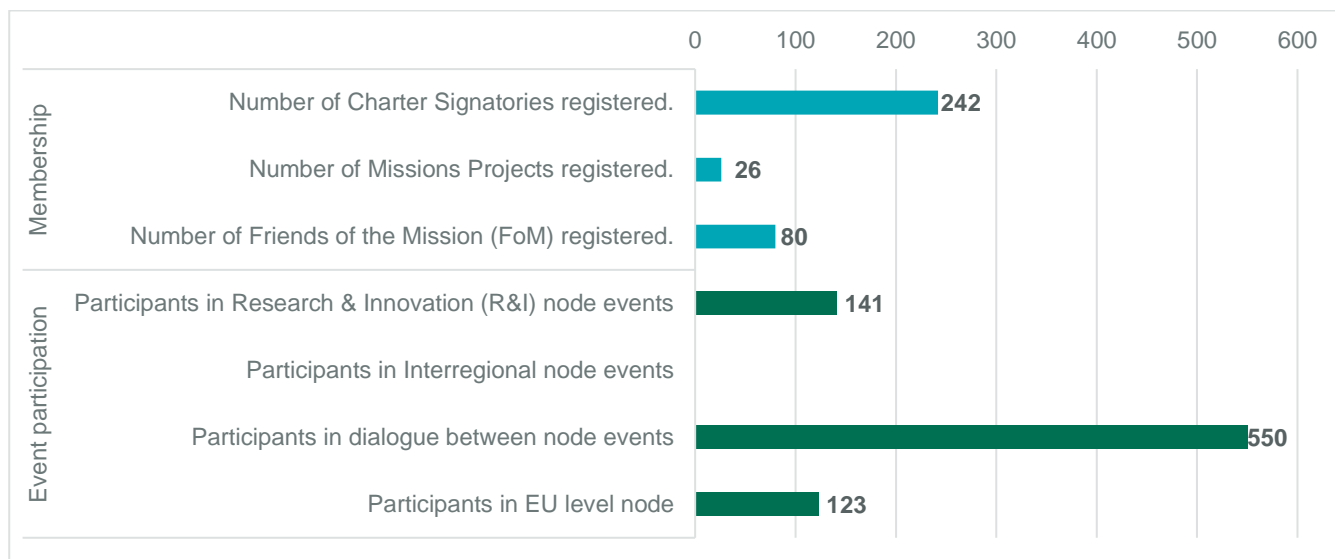


Figure 5. Extent of participation in the EU Mission on Adaptation to Climate Change Community of Practice

### 2.4.2.4 Review of progress

The Community of Practice started in April 2023 and by July 2023 110 Charter Signatories were registered to the community (36% of the Charter Signatories). Between August and October 2023, this number more than doubled, with 242 Charter Signatories registered, representing 78% of the total. By 31 October 2023, 25 out of 31 Mission-funded projects were part of the community, and there were 80 representatives of the Friends of the Mission.

Between May 2023 and 31 October 2023, six Community of Practice events were held, four of which were for the Dialogue between nodes, one for the EU-level node and one for the Research & Innovation node. The events that took place were:

1. A vision for the community (May 2023)
2. Information Session for Regions and Local Authorities: MIP4Adapt Technical Assistance call (May 2023)
3. Adaptation Planning Cycle (July 2023)
4. Joint workshop with EU Mission Cities (September 2023)
5. Mission Project seminar (September 2023)
6. Introduction to stakeholder and citizen engagement (October 2023)

The mean attendance at each of these events was 136 participants.

### 2.4.2.5 Future outlook

Most Charter Signatories and Mission-funded Projects are now involved with the community. It is anticipated that the number of people participating in events will increase significantly over the next reporting period, as the community is now firmly established and there are many more events scheduled over the coming months. For example, nine Community of Practice events have already taken place or scheduled to take place between 1 November and 31 March:

1. How the MIP4Adapt Technical Assistance works in practice (November 2023)
2. Synergy Workshop for Mission Projects (November 2023)
3. Matchmaking for joint proposals: Propose Together, Thrive Together! (November 2023)
4. Preparing the ground for adaptation (November 2023)
5. Learning from each other: Identifying, assessing and selecting options (December 2023)

6. Nature-based Solutions as an Adaptation Option (January 2024)
7. Thematic Dialogues for Mission Projects (January 2024)
8. Learning from each other: Vulnerability and Risk Assessment (February 2024)
9. Implementation of adaptation actions (February 2024)

Barriers impacting participation in the Community of Practice include the resources and time community members feel is required to be involved and how elements of the community's work overlap with some of the Mission Projects. To address these, clearer rules are needed on community involvement to minimize additional workload, as well as MIP4Adapt working together with key Mission Projects to ensure combined contribution to the delivery of the Mission's objectives is greater than the sum of individual contributions.

Regions and local authorities in the Community of Practice have highlighted the need for more events explaining each step of the adaptation planning cycle, including which tools are available at which stage. Ensuring that the Community of Practice focuses on these needs can help increase the extent of participation.

### 2.4.3 **Indicator 4.3. Perceptions of European regions, local authorities, communities of the extent to which knowledge transfer through involvement in the Community of Practice has accelerated their transformation to a climate resilient future**

#### 2.4.3.1 *Indicator description*

This indicator monitors the extent to which RLACs perceive knowledge transfer through the Community of Practice has accelerated their transformation to a climate resilient future.

Data for this indicator is collected through surveying of RLACs that are involved in the Community of Practice. The question is: "As a Charter Signatory, to what extent has knowledge transfer through the Community of Practice accelerated your RLAC's transformation to a climate resilient future?" The survey question seeks responses on a five-point scale from 1 (not at all) to 5 (substantially).

#### 2.4.3.2 *Baseline*

The reference period started from a zero baseline on 1 January 2023.

#### 2.4.3.3 *Indicator status (31 October 2023)*

An indicator fiche has been produced.

#### 2.4.3.4 *Review of progress*

The first annual survey will take place in 2024, with resultant information featuring in the third barometer update in October 2024.

#### 2.4.3.5 *Future outlook*

It is not possible to know what value will be reported when this indicator is first reported. However, we might expect the value to increase across reporting periods as RLACs will have greater time to benefit from knowledge transfer from the Community of Practice.

### 2.4.4 **Indicator 4.4. Perceptions of regions, local authorities, communities on the extent to which improved knowledge of funding for climate adaptation has accelerated their transformation to a climate resilient future**

#### 2.4.4.1 *Indicator description*

This indicator monitors the extent to which RLACs perceive improved knowledge on funding opportunities for climate adaptation measures has accelerated their transformation to a climate resilient future.

Data for this indicator is collected through surveying of RLACs that are Charter Signatories or involved in the Community of Practice. The question is: "As a Charter Signatory or an RLAC involved in the Community of Practice, to what extent has your improved knowledge of funding for climate adaptation accelerated your RLAC's transformation to a climate resilient future?" The survey question seeks responses on a five-point scale from 1 (not at all) to 5 (substantially).

#### 2.4.4.2 *Baseline*

The reference period started from a zero baseline on 1 January 2023.

#### 2.4.4.3 *Indicator status (31 October 2023)*

An indicator fiche has been produced.

#### 2.4.4.4 *Review of progress*

The first annual survey will take place in 2024, with this information featuring in the third barometer in October 2024.

#### 2.4.4.5 *Future outlook*

It is not possible to know what value will be reported when this indicator is first reported. However, we might expect the value to increase across reporting periods as RLACs will have greater time to improve their knowledge of climate adaptation funding opportunities.

### 2.4.5 **Indicator 4.5. Progress of European regions, local authorities and communities with securing funding for climate adaptation that are supported by the EU Mission on Adaptation to Climate Change**

#### 2.4.5.1 *Indicator description*

This indicator monitors progress in obtaining climate adaptation funding by RLACs that receive 'technical assistance' in relation to funding. Progress is monitored regarding the number of RLACs that have either 'Identified', 'Applied for', and 'Received' funding for climate adaptation measures. The total value of funding identified, applied for and received is also monitored.

#### 2.4.5.2 *Baseline*

The reference period started from a zero baseline on 1 January 2023.

#### 2.4.5.3 *Indicator status (31 October 2023)*

An indicator fiche has been produced.

#### 2.4.5.4 *Review of progress*

The specifics of the indicator design were drafted in December 2023, with no data collected for this reporting period. Data for this indicator will be collected, as RLACs receive technical assistance. Data will be gathered retrospectively for those RLACs which began receiving technical assistance prior to the indicator being finalised.

#### 2.4.5.5 *Future outlook*

Information on RLACs progress in obtaining climate adaptation funding will feature from the second barometer update onwards (April 2024), with information on their status after completion of their technical assistance likely to feature from the third barometer update onwards (October 2024).

## 3. CONCLUSION AND NEXT STEPS

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The first barometer update presents information for indicators where data is currently available. It is a preliminary update, as it reports on a period where MIP4Adapt and Mission-funded Projects were in their early stages of delivery and where data collection processes for many indicators could not be commenced. At this stage, the data here relates only to output data from MIP4Adapt activities. As the Mission progresses, information will be collected and reported regarding all indicators (e.g., as technical assistance is completed, surveys disseminated etc.). The specifics on when these indicators will be reported have been outlined in this barometer update.

## 4. ANNEX 1. LIST OF MISSION-FUNDED PROJECTS (AS OF OCTOBER 2023)

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1. AGORA
2. ARSINOE
3. CLIMAAX
4. CLIMAS
5. ICARIA
6. IMPETUS
7. MIRACA
8. P2R
9. R4C
10. REGILIENCE (CSA)
11. RESIST
12. RISKADAPT
13. TransformAr
14. VALORADA
15. PIISA
16. ClimEmpower
17. CLIMATEFIT
18. SOTERIA
19. FARCLIMATE
20. SpongeScapes
21. CARDIMED
22. NATALIE
23. NBRACER
24. MountResilience
25. LAND4CLIMATE
26. OCEANIDS
27. SpongeBoost
28. DesirMED
29. ARCADIA

## 5. ANNEX 2. EUROPEAN RLACS CURRENTLY RECEIVING TECHNICAL ASSISTANCE THROUGH MIP4ADAPT

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1. Goriška region
2. Municipality of Sintra
3. Setubal Municipality
4. Louth County Council
5. Free Hanseatic City of Bremen
6. Basque Country
7. City of Tartu
8. Vilnius city
9. İstanbul Metropolitan Municipality

10. Business Region North (Region of North Denmark, North Denmark EU Office, Business region North representing 11 municipalities in the North)
11. Regional Council of Kymenlaakso
12. Intermunicipal Community of Coimbra Region
13. Torres Vedras Municipality (LAU 1113)
14. İzmir Metropolitan Municipality
15. Gorenjska region
16. Southwest Finland (The Regional Council of Southwest Finland and City of Turku)
17. Häme Region
18. Valencian Community
19. Comunidade Intermunicipal do Médio Tejo
20. Municipality of Vila Franca de Xira
21. Municipality of Figueira da Foz
22. City of Pärnu
23. COMUNIDADE INTERMUNICIPAL DO CÁVADO- CIM CAVADO
24. REGIONE DEL VENETO
25. Mazovian Voivodeship
26. Regione Autonoma Friuli Venezia Giulia
27. Malopolska Region
28. Krapina-zagorje county
29. Stowarzyszenie Aglomeracja Kalisko-Ostrowska
30. Nantes Métropole
31. Rogaland County Council
32. Tampere
33. Cabildo de Gran Canaria (island local government)