

# Pathways2Resilience climate resilience action plan

Insert subgrantee name here

Insert date here

## Instructions: please delete upon submission

## How to use this template

## Purpose of this deliverable

The **primary purpose** of this deliverable is to serve as stocktake of regional progress on the Action Plan that will implement your journey to climate resilience.

The **secondary purpose** is for Pathways2Resilience to monitor and learn from your progress. Pathways2Resilience will monitor that you are complying with the terms of the subgrant agreement. Pathways2Resilience will learn from this data to improve the programme's frameworks, methodologies and tools – particularly towards increasing the effectiveness of the capacity building programme.

## What is the scope of this deliverable?

This deliverable is intended to document your outputs from Task 3.3 of the Regional Resilience Journey.

## Who is this deliverable for?

The **main audience** of this deliverable are the regional stakeholders, in order to inform and involve them on the climate resilience journey.

The **secondary audience** is the Pathways2Resilience consortium to inform programme delivery, monitoring, evaluation and learning.

## How to complete this template

#### Structure

Deliverable templates are provided to Pathways2Resilience regions for guidance only. Regions are encouraged to adapt them to their own context and needs – including aligning with existing and relevant climate adaptation strategy documents relevant to your region.

Regions may choose to develop these documents in the local language and submit only an automatic translation to Pathways2Resilience's reporting team. Please review the translation before submission.

However, for monitoring and learning purposes, the Pathways2Resilience team requests that regions keep as much of the basic structure (headings and order) as possible.

If some sections cannot be completed (e.g. the corresponding task has been delayed), then feel free to remove them. Justification of your deliverable progress is not necessary here; it will be requested via the reporting questionnaire.

Sections and text highlighted in yellow are either instructions or additional information that should be deleted/excluded from the final deliverable. Please ensure the final deliverable doesn't contain any highlighted text.

#### Length

It is recommended that the baseline assessment does not exceed 20 pages.

#### **Terminology**

In case of doubt, you can consult the definition of terms marked in blue in the Pathways2Resilience glossary.

#### **Continuous improvement**

Note that this template is designed to be used as a 'living document' throughout the process. This means that sections may need to be refreshed or updated as you progress through your climate resilience journey.

Where relevant, please include hyperlinks to supporting documentation within the region.

End of instructions: please delete upon submission

\*\*\*

# **Table of contents**

1	Intr	oduction	6
	1.1	Local profile	6
	1.2	Priorities	6
	1.3	Planned investments	7
	1.4	Just resilience considerations	7
	1.5	Vision	7
	1.6	Climate resilience objectives	7
	1.7	Economic rationale	8
	1.8	Roadmap	8
	1.9	Key actors	8
2	Acti	on plan	9
	2.1	Short-term delivery plan (1-5 years)	9
	2.2	Financing approach	10
	2.3	Mid- and long-term delivery plan and project pipeline (5 years+)	12
3	Inno	ovation portfolio	13
	3.1	Innovation portfolio set-up	13
	3.2	Innovation portfolio implementation	13
4	Reg	ional capacity	14
	4.1	Role of key enabling conditions	14
5	Gov	vernancevernance	15
6	lmp	lementation risks	16
7	Moi	nitoring, evaluation and learning (MEL)	17
	7.1	Adaptation pathways MEL	17
	7.2	Innovation portfolio MEL	17
	7.3	Economic and Financial Indicators MEL	17
	7.4	Monitoring and scrutiny arrangements	18
8	Stak	ceholder engagement plan	19
9	Nex	t steps	20

# Abbreviations and acronyms

Acronym	Description
Example: P2R	Pathways2Resilience

# **Glossary**

[Add definitions to any relevant term used in this document that would help the reader.]

Term	Short definition
Example: Resilience maturity	The level of development and preparedness a region or community has reached in terms of its ability to anticipate, prepare for, and respond to climate crises.

## **Disclaimer**

The content of this report reflects only the author's view. The European Commission is not responsible for any use that may be made of the information it contains.

## 1 Introduction

[Note: this section builds on previous deliverables – baseline assessment, climate resilience strategy, and investment plan – and adds 3 sub-sections.]

## 1.1 Local profile

[Use this section to provide context and a general overview about your climate resilience journey, using the following sub-sections.]

Geographical scope

[Include here which administrative territories are covered (in the rest of the document referred to as "your region").]

Thematic or sectoral scope

[Include here the motivation behind this strategic choice.]

Key demographic and socio-economic data

[Include here characteristics and challenges.]

**Coordinating organisation** 

[Include here a description of the organisation(s) and/or department(s) coordinating the Pathways2Resilience work.]

Deliverable development process

[Include here information about the context of your participation in Pathways2Resilience that can be shared with external audiences, including motivation and short description of the work process for this deliverable. Shortly describe participatory design processes taken up to date to complete this document and associated outputs (e.g. planning objectives, systems mapping).]

#### 1.2 Priorities

[Outline here the key economic, environmental and social strategies and policy goals that will influence the development of your region for the next years. Outline also key spending priorities, capital investments and decisions in the next five years. Please include all applicable levels.]

Local level

...

Regional level

...

**National level** 

...

**EU** level

. . .

#### **Private sector**

[If possible, include here actions taken by private sector actors with or without the support of the government.]

#### 1.3 Planned investments

[Outline here the main planned investments in the region over the next 10 -15 years. Make sure not to just include adaptation investments, but also those investments which will need to include an adaptation component. (e.g. the construction of new hospitals or buildings).]

#### 1.4 Just resilience considerations

[Outline here the key groups in your region who are disproportionately affected by climate change and/or adaptation options. Examples could include low-income communities, coastal communities, elderly population, women, or youth.

Explain concisely how your strategy, action plan and investment plan will address these needs, including how these groups have been involved in the development of this document, and how the resources allocated for the strategy and action plan will be distributed and/or shouldered in an equal, fair, and just manner.]

#### 1.5 Vision

[Shortly describe the vision for your region with a clear timeframe and narrative, which is shared and resonates with a broad majority of regional stakeholders. This should be a plausible, desirable future scenario for your region clearly linked to the planning objectives, guiding principles, theory of change and overall regional developmental priorities.]

## 1.6 Climate resilience objectives

[Indicate here the planning objectives covered by your climate resilience journey (particularly by the climate resilience strategy and investment plan) and how they contribute to the broader developmental goals of your region. Please include the following: challenge statement, primary objectives, secondary objectives.]

#### Challenge statement

[Include here the main problem you want to tackle, its context and impacts, its root causes, and your ideal outcome.]

#### **Primary adaptation objectives**

[Include here objectives that directly address climate risks, their associated performance metrics as identified through the Regional Resilience Journey Task 1.1.2, and the economic rationale, costs and benefits of objectives as identified through the Adaptation Investment Cycle Task 1.3.]

Secondary resilience objectives

[Include here an overview of additional objectives (e.g. job creation, public health, social well-being, economic development), their associated performance metrics as identified through the Regional Resilience Journey Task 1.1.2, and the economic rationale, costs and benefits of objectives as identified through the Adaptation Investment Cycle Task 1.3.]

#### 1.7 Economic rationale

[Set out your region's economic rationale to undertake your climate resilience journey (e.g. delivering improvements in public services, providing social/public goods, improving the welfare efficiency of existing private sector markets, or achievement of social objectives considering ethical or distributional issues). Provide a summary of the existing economic and financial case for adaptation, including the extent of the adaptation deficit.]

#### 1.8 Roadmap

[Provide a high-level overview of the delivery plan for the climate resilience strategy, indicating the timeframe covered by your action plan and how this relates to the strategy timeline, timing of different actions, institution/stakeholder directly responsible of implementation, and how each of the key steps of the delivery plan feed into each other.]

## 1.9 Key actors

[Indicate who are the main organisations, governmental and non-governmental, specific actors and stakeholder groups that play a role in the implementation of this strategy, what are their motivations, needs, roles and responsibilities within the strategy.]

# 2 Action plan

[Provide a short summary of your preferred adaptation pathways and corresponding near term actions. Add here a visualisation of the pathways map (for example a flowchart, a timeline, or a decision tree) as included in the climate resilience strategy's section 3.3.

Clarify how individual actions are derived from the prioritized adaptation options.]

## 2.1 Short-term delivery plan (1-5 years)

[Detail here the list of actions, including associated category (e.g.: adaptation option, innovation portfolio or enabling condition) option & pathway, sector (e.g.: KCS), location, timing (e.g.: in 1 year, in 2-3 years, in 5 years), responsible entities, key metrics and mainstreaming approach (how to integrate into the policy cycle). Ensure the actions are SMART – Specific, Measureable, Achievable, Relevant and Time bound.]

Action name	Associated category	Sector	Location	Timing	Target	Responsible organisation	Responsible person	Key metrics	Mainstreaming approach
Example: Setup Cooling Centers in Urban Centers	Adaptation Option 1: Urban heat resilience	Public services	<mark>Urban</mark> area	1 year	Ensure 90% of urban population has access to cooling centers	Public admin	Infrastructure department	Number of visitors, heatwave impacts	Include in national heat resilience plan
Example: Support retrofit in local neighbourhoods	Enabling condition: finance and resources	Community engagement	Region- wide	5 years	Co-fund 100 community retrofit initiatives	Public admin	Public engagement	Increase in energy efficiency per public money spent	Integrate in overall citizen engagement strategies
Example: Green roof subsidy regulation	Enabling condition: governance	Regulation	Region- wide	5 years	Set up regulation to enable incentives to private sector on installation of green roofs	National government	Regional authority	Regulation implemented	Linked to national adaptation action plan
			_			_			

# 2.2 Financing approach

[Include also the financing and economic information for each of the action included in the action plan, for each of the sections indicated below. It is important to ensure that each action in the plan has appraised the economic case, as well as having a financial model which allows it to be paid for within the action plan.

You should also set out cross cutting costs, supporting activity needed across different sectors, such as citizen engagement, communication with relevant stakeholders, governance and planning exercises, capacity building, the setting-up of Special Purpose Vehicles (SPVs) for project management, etc.]

#	Action	Total cost (£m)	Action type (No regret, climate smart, adaptive management)	Stage of development	Delivery start and end dates	Envisaged budget period	Revenue Streams?	Economic benefits (and co-benefits)	Type and level of financial returns? (Market rate, below market rate, N/A)	EUSF Taxonomy aligned?	Financing Model in place?	Where to find further information?
2	Example: Climate Proofing Electricity Infrastructure	€25m	Climate Smart	In development	2026	2025- 2030	Yes - Consumer Bills			Yes	Y - Yes, included in capital budget with funds from bills.	Regional electricity company
3												
4												

# 2.3 Mid- and long-term delivery plan and project pipeline (5 years+)

[Indicate how the region will build capacities and conditions to be able to continue delivering the plan after 5 years, adapting the plan as needed.]

**Project pipeline** 

[Set out the additional projects being developed by the region for implementation in future action plan periods. Further work may be needed to improve the economic case or to structure a financial model which allows it to be approved and included in future iterations of the action plan.]

#	Project Name	Sector	Location	Summary	Total cost (£m)	Action type (No regret, climate smart, adaptive management)	Stage of development	Delivery start and end dates	Envisaged budget period	Revenue Streams?	Economic benefits (and co-benefits)	Type and level of financial returns? (Market rate, below market rate, N/A)	EUSF Taxonomy aligned?	Financing Model in place?	Where to find further information?
1	Example: Heat Health Warning Systems	Resilient health > Pre-empting and responding to health challenges and emergencies	Region- wide	Installation of heat health warning system to reduce heat risk to citizens.	€5m capital with ongoing 100,000 revenue	No regrets	Ready for implementation	2025	2025- 2030	N		Market Rate/ Below Market rate / N/A	Y/N	Y = regional budget	Regional public health team
3			•••												
4			•••												



# 3 Innovation portfolio

[Shortly describe the scope, key objectives of your innovation portfolio development, and how and where it aligns with the climate adaptation pathways mentioned above.]

## 3.1 Innovation portfolio set-up

[Indicate how the innovation portfolio will be activated, available policy instruments and the way these are going to be mobilised, as well as associated funding and the responsible agency.]

## 3.2 Innovation portfolio implementation

[Indicate the process defined to identify and select innovation actions to constitute your innovation portfolio. Include involved stakeholders, selection process and criteria to assess innovations, and how to structure the portfolio.]



# 4 Regional capacity

# 4.1 Role of key enabling conditions

[Indicate the opportunities for generating actions that have been identified from the enabling conditions' gap assessment. The opportunities identified are used to generate individual actions for the short-term (to be listed in 2.1 Short-term delivery plan (1-5 years)) and long-term (to be listed in 0



Mid- and long-term delivery plan and project pipeline (5 years+)), both for the purpose of this document and in the future. Ensure enabling conditions for adaptation finance are considered (Adaptation Investment Cycle Task 4.3).]

Knowledge and data						
Gaps						
Opportunities	Example: Setting up open data platform to facilitate the collection of citizen data					

Capabilities and ski	Capabilities and skills					
Gaps						
Opportunities	Example: Use of ERDF Technical Assistance, and support from the EIB to develop Projects					

Behavioural change					
Gaps					
Opportunities	Example: Designing financial incentives for supporting adaptation-friendly market creation				

Experimentation, strategic learning and reflective adjustment				
Gaps				
Opportunities	Example: Set up a "regulatory sandbox" environment to allow for faster implementation and evaluation of adaptation actions			

Finances & resources					
Gaps					
Opportunities	Example: Setting up mandatory contributions from private sector related to extreme weather events				

Governance, engagement & collaboration		
Gaps		
Opportunities	Example: Region will implement a green budgeting programme to better track adaptation components of existing budget lines	
	Involving the private sector or those most vulnerable to climate change in the adaptation financing arrangements for the region	

# 5 Governance

[Indicate the roles and responsibilities involved in the implementation of your action plan. Indicate which are core and support roles in the plan, and their relationship(s).]

Roles	Responsible	Contact	Core/support role?	Detail responsibilities
	entity	person		



Example:	 	 
Monitoring	 	 
Example:	 	 
Innovation coordinator	 	 
Example:		
Project Management		



# 6 Implementation risks

[Indicate implementation risks that can make it more challenging to mobilise finance for both the strategies overall and the action plan – for example, failing to conduct successful procurement, being unable to purchase land for development, or not having appropriate skills or resources. These risks can reduce attractiveness to funders or investors. Consider the risks relevant to the implementation of an Investment Plan, which may impact your ability to create a climate-resilient region. Identify actions to mitigate risks to delivery where necessary and where possible, these should align with the investment strategies and financing approaches selected.

Please include both a brief summary and fill in the table below.]

Pathways and actions or Enabling Actions	Sectoral Project	Risks Identified	Description of Risk	Mitigation of Risk
Example: Flood Risk Management				
ivialiagement				
Sea Level Rise				
Building retrofit for overheating.				
Green infrastructure and Nature Based Solutions				
Enabling actions				



## 7 Monitoring, evaluation and learning (MEL)

[In this section, summarize the MEL component of the climate resilience strategy and complement it with specific considerations for the action plan. This section should indicate any additional data collection methods (i.e. sources, frequency, timing), indicators or mechanisms necessary for evaluating progress on the implementation of the actions listed. Include also how these link to the processes of learning and accountability.]

## 7.1 Adaptation pathways MEL

[Describe the methods, tools and processes that will be used to monitor the implementation of your adaptation pathways. This includes a description of the monitoring parameters to indicate any approaching adaptation limits or opportunity thresholds, their monitoring frequency, and the institution responsible for carrying out the monitoring. It should also describe the triggers to initiate further implementation of the pathway (e.g. to take into account option lead times), and the decision making protocol surrounding these processes.]

### 7.2 Innovation portfolio MEL

[Describe the methods and mechanisms by which you will assess the implementation of your innovation portfolio, the quality of each selected innovation against your selected criteria as well as the synergies in the portfolio, and the quality of the portfolio as a whole.]

#### 7.3 Economic and Financial Indicators MEL

Outline the key performance indicators that will be used to judge success of the plan. Example indicators are included below. This might relate to the surrounding financial context (e.g. costs of extreme weather), or the mobilisation of different sources or financial instruments.

Indicator description	Unit	Target	Baseline (If relevant)
Examples:			
Amount of grant funding secured for adaptation			
secured for adaptation			
Total amount of private sector finance mobilised for adaptation			
Costs of extreme weather impacts to the region's public bodies.			
Percentage of projects with clear routes to financing			



## 7.4 Monitoring and scrutiny arrangements

Detail the relevant processes for monitoring and scrutinising the implementation and delivery of the region's Climate Resilience Investment Plan by relevant bodies to identify challenges to implementation and assess progress. Include arrangements for the use of proceeds if relevant.



# 8 Stakeholder engagement plan

[Indicate the roles, responsibilities, resources, tools and frameworks available, and timeline for implementation of your stakeholder engagement strategy.

Indicate clearly how each relevant stakeholder group will be able to contribute to the implementation of your climate resilience action plan, by which mechanisms, what decision-making and collaboration processes are expected to take place, the responsible agency of implementation of these processes, resources required and funding sources available.]



# 9 Next steps

[Indicate here the current gaps and implications of this document, for your climate resilience journey and overall regional development. Also include any planned reviews or updates.]