

Fact sheet N°2

Tool

Adaptation trajectories



Context

The Adaptation Trajectories guide is one of the tools created to help local water management stakeholders plan the adaptation of their territory to climate change.



Referent

ACTERRA is an engineering consultancy specialised in research and innovation on adaptation to climate change.

Description

- This tool is an innovative methodology for analysing the impacts of climate change and assisting the adaptive management of water resources and uses, including environmental ones.
- It has been developed to provide those involved in the Schéma d'Aménagement de la Gestion des Eaux (SAGE) with a complete methodological kit for integrating climate change and adaptation into each stage of the local water management plan cycle.
- To develop an adaptation strategy, a precise diagnosis of the consequences of climate change is required. The 1st LIFE tool, "Diagnosis of vulnerabilities", offers a methodology for carrying out this diagnosis, but the use of this tool is not a prerequisite for the use of the second tool. They can be used in conjunction with each other or independently of each other.

Guide contents

Please note: This tool does not generate a strategy or action plan by replacing the reflection and participation of local stakeholders. It provides a step-by-step guide to reflection, with the help of guiding questions in particular, and helps to formalise the final strategy and its integration into local planning.

1

A methodological guide setting out the principles and methodology for developing adaptation trajectories, step by step, following the structure of the online tool (logical progression of steps, guiding questions at each step, method sheets, etc.).

2

An online tool to support the development of the adaptation strategy and trajectories, enabling the user to progress in a structured way from step to step, according to the methodology developed in the guide.

For whom?
Any stakeholder in
the territory with
water management
skills

Objective




This tool can be used to guide local authorities in the process of adapting their water management to climate change. Above all, it can be used to draw up an adaptation strategy and identify courses of action to be incorporated into local water management planning documents (SAGE; environmental contracts; PGRE; PTGE; etc.).

How to use it?

Before actually starting the process, it is important to define a roadmap the development of the strategy. Then It will be possible to create one or more projects, the scope of which will depend on the desired scale of work, climate impacts and resource management issues. A project may correspond to a theme, an issue, a use or an impact.

To find out more

The guide is available in paper format or as a web versio thanks to the link below.

 contact@acterraconsult.com
 <https://www.gesteau.fr/life-eau-climat/resultats>
 @gesteau

Method

0 Create a new project

Determine the areas of intervention of the adaptation policy, the angle of entry and the number of projects studied.

1 Framing the project



taking balance sheet the territory's progress in planning for climate change.

RESULTS

Development on the progress of the climate change planning and adaptation process.

2 List and characterise the impact(s)



Identify priority impacts of climate change on the territory and break them down into several levels of impact of increasing intensity.

RESULTS

Determination of 3 to 4 increasing levels of impact and an indicator to monitor the level of impact.

3 Defining adaptation objectives



Formulation of climate change adaptation strategy objectives based on the intensity of the impact of climate change

RESULTS

Provision of adaptation objectives associated with each level of impact, to guide the implementation of adaptation trajectories.

4 List and evaluate adaptation actions



Identify and characterise the actions that meet the adaptation objectives defined in the previous step.

RESULTS

Obtain a list of potential adaptation actions, their level of prioritisation and the levels of impact they address.

5 Building trajectories



Drawing up adaptation trajectories based on adaptation objectives and changes in the impact of climate change.

RESULTS

Visualisation of the defined trajectories, including the level of satisfaction of each of the actions in relation to the multi-criteria analysis and the necessary anticipations.

6 Planning adaptation



Incorporate adaptation measures into planning documents, and consider the timeframe for their implementation.

RESULTS

Proposal of a summary presenting the impacts and their causes, the adaptation objectives and courses of action and the formalised trajectories.



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