

ADRIADAPT

Preparation of the knowledge platform

Deliverable 4.4.1

Work Package 4

Activity 4.4 Tools for Policy Guidance

Anja Vulinec

contact: anja.vulinec@door.hr

27th of July, 2021

Table of Contents

1.1	Introduction	2
1.1.1	The Knowledge section	3
1.1.2	Integrated Adaptation Planning Tool.....	4
1.1.3	Guidelines and Handbooks.....	6
1.1.4	Adaptation Options	7
1.1.5	Case Studies	<u>89</u>
1.1.6	Climate Information	<u>940</u>

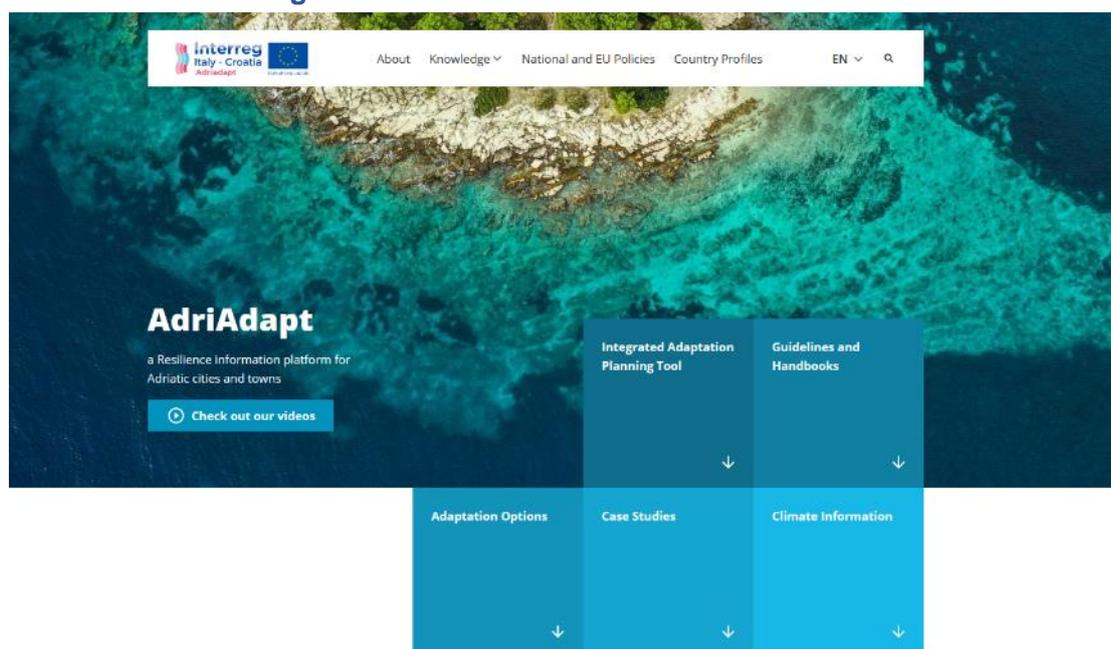
1.1 Introduction

The project consortium decided to implement the toolbox in the form of an on-line knowledge platform as a flexible and accessible form for providing content information. For all sections, the language can be selected between English, Italian and Croatian.

The content of the platform is presented according to four thematic areas:

- About: Presentation of the ADRIADAPT project <https://adriadapt.eu/about/>
- Knowledge: presentation of five areas of knowledge items generated
- National and EU Policies: presenting brief introductions and links to relevant EU and international policy documents <https://adriadapt.eu/national-and-eu-policies/>
- Country Profiles: presenting links to relevant policy and legal documents for the two partner countries. <https://adriadapt.eu/country-profiles/>

1.1.1 The Knowledge section

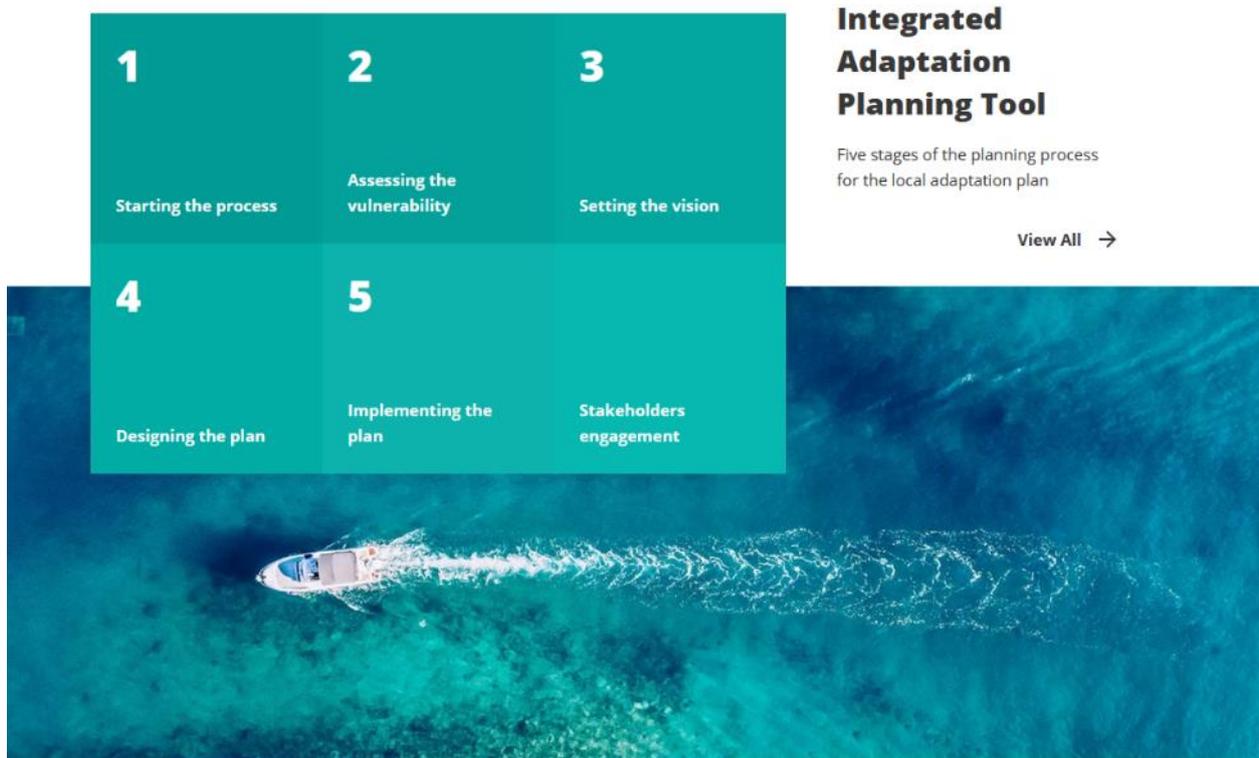


1 Home page of the Knowledge platform

The Knowledge section can be accessed directly from the Homepage, following the menu on the navigation bar, or scrolling down the page. It is subdivided in five sections:

- Integrated Adaptation Planning Tool
- Guidelines and Handbooks
- Adaptation Options
- Case studies
- Climate Information

1.1.2 Integrated Adaptation Planning Tool



2 Entry page for the Integrated Adaptation Planning Tool

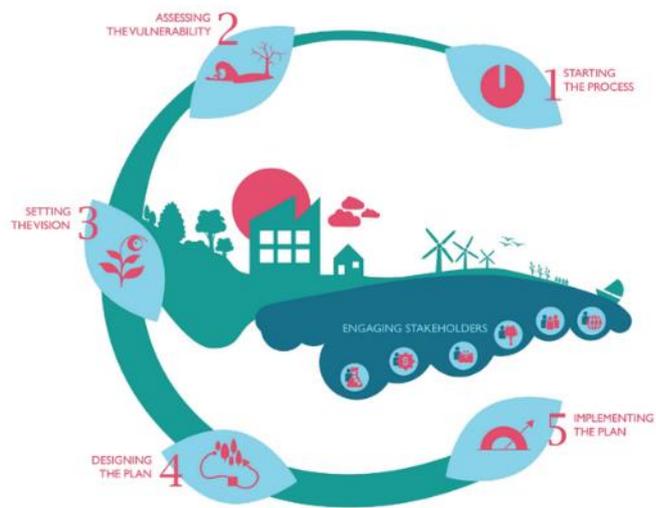
The first knowledge item presents the Integrated Adaptation Planning Toolbox, which gives access, from an introduction page, to the description of five steps of the planning process for the local adaptation plan and a sixth page, dedicated to the cross-cutting theme of stakeholder engagement.

The single steps can be accessed in three ways: from the homepage, from the navigation bar or from the introduction page.

- [Integrated Adaptation Planning Tool](#)
- [1. Starting the process](#)
- [2. Assessing the vulnerability](#)
- [3. Setting the vision](#)
- [4. Designing the plan](#)
- [5. Implementing the plan](#)
- [Stakeholders engagement](#)

Home > [Integrated Adaptation Planning Tool](#)

Integrated Adaptation Planning Tool



Introduction

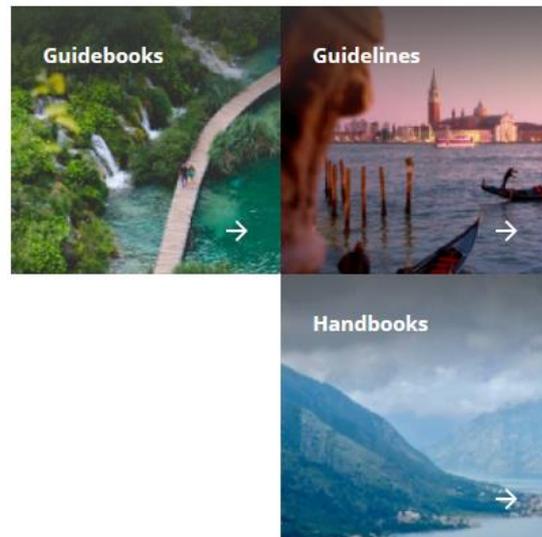
3 Introduction page

1.1.3 Guidelines and Handbooks

Guidelines and Handbooks

Guidelines and handbooks to assist users in the preparation of the plan

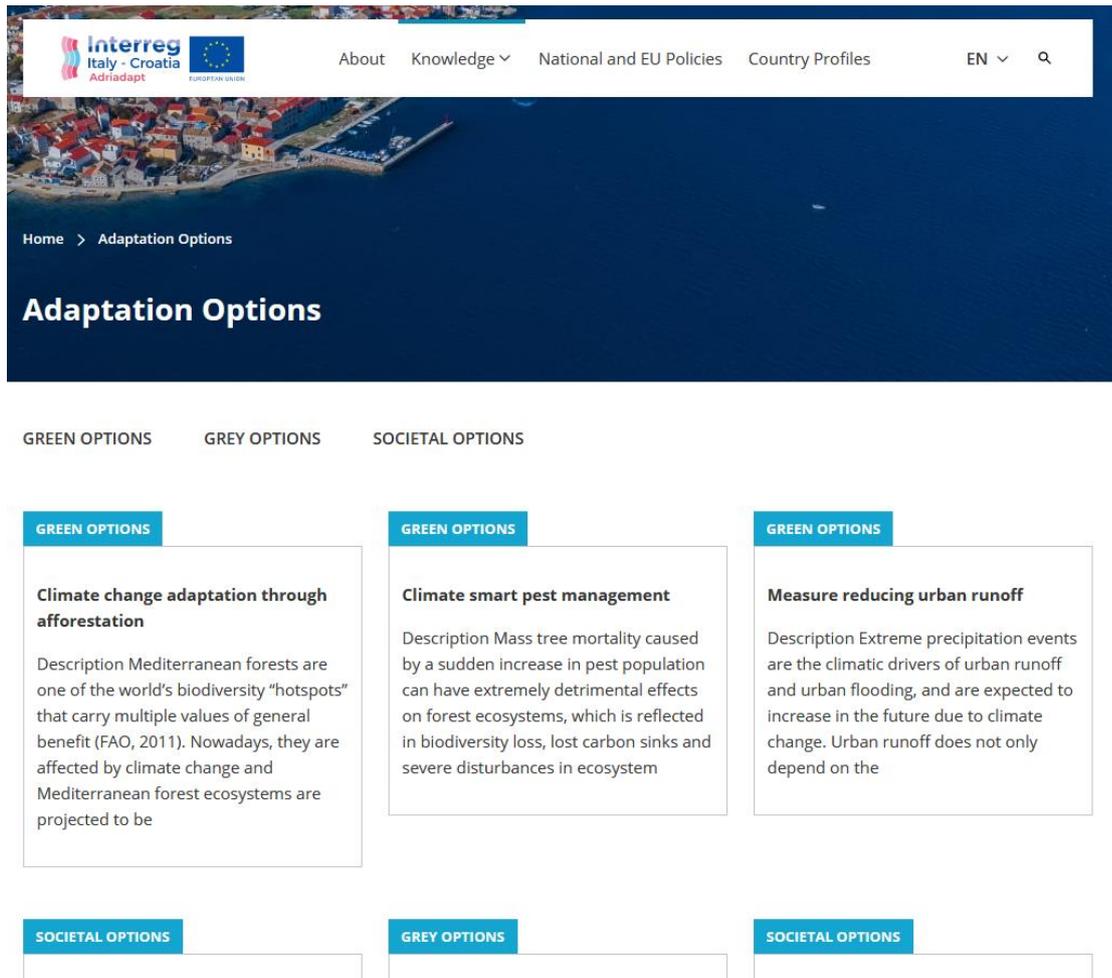
[View All](#) →



4 Guidelines and Handbooks

This section provides links to Guidelines, Guidebooks and Handbooks available in one of the three project languages (English, Italian, Croatian).

1.1.4 Adaptation Options



Home > Adaptation Options

Adaptation Options

GREEN OPTIONS GREY OPTIONS SOCIETAL OPTIONS

GREEN OPTIONS

Climate change adaptation through afforestation

Description Mediterranean forests are one of the world's biodiversity "hotspots" that carry multiple values of general benefit (FAO, 2011). Nowadays, they are affected by climate change and Mediterranean forest ecosystems are projected to be

GREEN OPTIONS

Climate smart pest management

Description Mass tree mortality caused by a sudden increase in pest population can have extremely detrimental effects on forest ecosystems, which is reflected in biodiversity loss, lost carbon sinks and severe disturbances in ecosystem

GREEN OPTIONS

Measure reducing urban runoff

Description Extreme precipitation events are the climatic drivers of urban runoff and urban flooding, and are expected to increase in the future due to climate change. Urban runoff does not only depend on the

SOCIETAL OPTIONS

GREY OPTIONS

SOCIETAL OPTIONS

5 Adaptation Options

The section on Adaptation options present descriptions of adaptation options for urban and coastal areas which have been created and/or selected specifically for the needs of the Adriatic region. Adaptation options have been divided in three categories for easier navigation. Three categories of this section are: societal options, green options and grey options.

1.1.5 Case Studies



GREEN OPTIONS GREY OPTIONS SOCIETAL OPTIONS



GREY OPTIONS

Integrating climate change adaptation processes at regional and local scales in Emilia-Romagna

Geographic context and climate challenges The Emilia-Romagna region is located in Northern Italy, and extends from the Apennines in the south to the Po River in the north and to the Adriatic Sea in



GREY OPTIONS

Integrated system for the protection of Venice and its lagoon against flooding

Geographic context and climate challenges Located along the northernmost stretch of the Italian Adriatic coast, the Venice lagoon is a large (550 km²) shallow water (average depth around 1 m) system connected



GREEN OPTIONS

Optimisation of agricultural water consumption and distribution in the Reno river basin, Emilia Romagna, Northern Italy

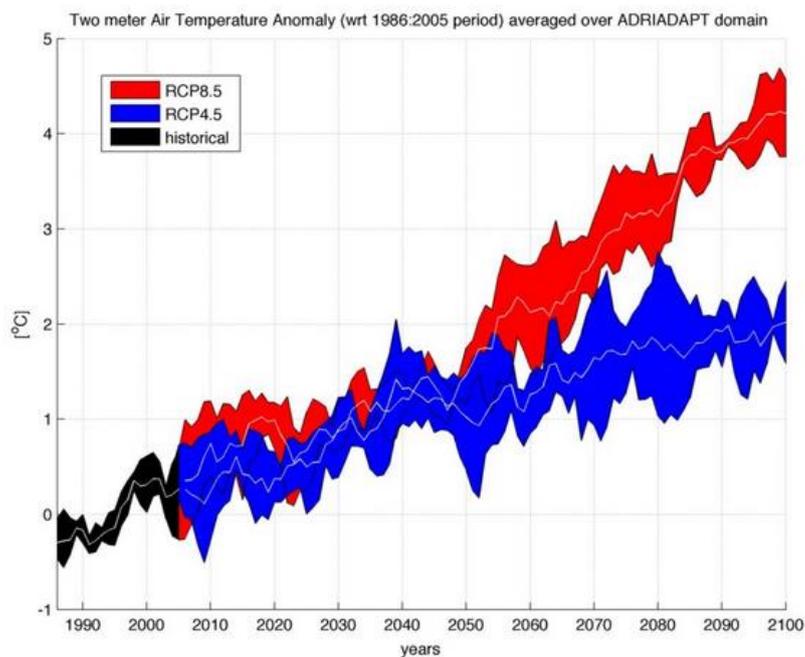
Geographic context and climate challenges The Reno river basin is mainly located in the Italian region of Emilia Romagna and is part of the hydrographic Po river basin district , managed by the

The case studies section presents implementations of adaptation options in the project area or in similar climatic situations with detailed descriptions of their implementation. When opening this section all of the Case studies are displayed but visitors have the option to filter the displayed Case Studies by three categories: societal options, green options and grey options.

1.1.6 Climate Information

[Home](#) > [Climate Information](#)

Climate Information



Finally, the section on climate information provides a summary of the climate information produced by the Adriadapt project, in particular:

- Climate Projections for the Adriadapt area,
- Projections for each of the pilot cities,
- An introduction to climate models and scenarios.

Clicking on Climate Information (not on a special subsection) viewers can see the short summary of climate data and projections as well as the common key messages of Adriadapt project. In the subsection Projections for each of the pilot cities we present future climate change of temperature and precipitation related indices, surface relative humidity and extra rare humidex projections for the pilot cities.

1.1.7 Videos

Videos

Watch all videos

View All →



On the bottom of the homepage is Videos section. There are the videos regarding Adriadapt project: promotional videos, educational videos and videos from national conferences.