

Terms of Reference

for a Contractor to perform tasks related to building the knowledge base for the Adriadapt Resilience Platform

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Scope of the assignment

This ToR refers to the tasks related to building the knowledge base for the Adriadapt Resilience Platform to be used by local and regional authorities of Croatia and Italy needed to identify suitable climate adaptation and planning options. The assignment is undertaken in the framework of the PAP/RAC activities within the Interreg Italy-Croatia CBC Adriadapt project. The preparation of the knowledge base will follow the project workplan envisaged in the project. The task will be accomplished in line with the key UNEP/MAP and EU legal requirements, such as the ICZM Protocol for the Mediterranean, the Regional Climate Change Adaptation Framework and the EU Strategy on adaptation. In addition, the task will take into consideration the national strategies on adaptation of Italy and Croatia.

Duration of the assignment

The assignment will be carried out in the period from mid-April 2019 to the end of December 2019.

Background information

The Adriadapt project aims at promoting local and regional resilience by developing the knowledge base required to identify suitable climate adaptation and planning options. In this way, the project will enable local authorities to respond to policy needs related to climate action in urban and coastal zones of the project area.

The project goal will be supported by four actions:

1. Harmonize and improve available climate-related knowledge generated by existing national and European monitoring and data collection networks, and produce new information to be used in the decision-making process;
2. Create a climate information system or knowledge platform for the Adriatic region (Adriadapt Resilience platform) containing best practices, guidance documents, legal frameworks and climate and vulnerability studies, to foster the design of multi-scale adaptation and resilience plans and measures, which will support safe and sustainable socio-ecological systems, linking natural, social and economic dynamics that cross transversally from the inland, coastal and marine areas in the two partner countries;
3. Test and integrate the knowledge platform in selected Italian and Croatian pilot areas which will transect the hinterland to sea to provide diverse solutions for a range of habitats.
4. Maintain and disseminate the information contained in the knowledge platform as a region-specific repository for climate policy and plans, which provides support and locally relevant information aiming at climate resilience planning. In addition, PAP/RAC will secure transfer of relevant knowledge to other Mediterranean coastal stakeholders.

PAP/RAC activities are related to the actions 2 and 4, and are structured in the working packages 4 and 5. Information to be provided is to be user-friendly, primarily targeted to the local and regional authorities of the two countries.

During the first quarter of 2019 PAP/RAC prepared a questionnaire for the local authorities of Italy and Croatia in order to get a better insight into their needs. The questionnaire aims at finding out all types of climate change impacts the local authorities are facing; their responses to these impacts including barriers in case the responses haven't been provided yet. The results of this gap analysis are to be taken into consideration when designing any of the project outputs.

Nature and Objective of the Assignment

A Contractor on climate change adaptation is required to assist with securing harmonization of different inputs from the partners producing the knowledge for the Adriadapt Resilience platform. Namely, there are 3 strategic documents among the envisaged outputs of this project:

1. Guidelines for mainstreaming climate change adaptation into coastal management
2. Guidelines for building resilience along Adriatic coast
3. Strategic guidelines for Adriatic cities

The Contractor is required to assist in the finalization of the first output, but also to assist by providing advice related to the harmonization of the three documents.

The first document leads the practitioners through the process of preparing a plan, identifies all steps of the planning process and provides a more detailed understanding of different aspects of climate variability and change. This document draws on the "Guidelines for Adapting to Climate Variability and Change along the Mediterranean Coast", adapted to the Italian and Croatian realities. Tools to be presented in this document will also be presented at the Adriadapt Resilience platform. The Contractor is expected to provide selection, taking into account the contents that are to be prepared for the Adriadapt Resilience platform. Similarly, the Guidelines will also contain a short insight into the financing options for the local authorities of the 2 countries. A more extensive text on this topic will be prepared in the next stage for the platform.

Besides assistance with the Guidelines document, the Contractor is expected to assist in building three more components of the Adriadapt Resilience platform: adaptation options, catalogue of measures and the best practice example - business cases with special attention to blue and green infrastructure. Since testing of tools will be performed under the WP 5, the Contractor may be requested to provide some advising related to the Croatian pilot cases.

Key tasks and their description

The key tasks envisaged under this ToR are the following:

1. Revision of the Guidelines for mainstreaming climate change adaptation into coastal management

The Contractor will receive input document "Guidelines for Adapting to Climate Variability and Change along the Mediterranean Coast" with the PAP/RAC proposals for adaptation and updating. The Contractor is expected to review the comments in view of updating and adapting the publication to

Italian and Croatian local authorities needs. The Contractor is particularly requested to assist in adapting, reviewing and completing the following segments of the publication:

- a) Summary overview of Italian legal and policy framework.
- b) Tools - going through the all stages, document proposes different tools to be used. Since the original document was prepared during 2014, it needs an update related to the tools to be used. The Contractor is expected to review the tools selected and presented. The selected tools will be presented in more details on the Adriadapt Resilience platform, and the Contractor is expected to advise on the sources of information and on good application cases of the selected tools.
- c) Financing options – The Guidelines present different financing options, but those were aimed at the Mediterranean countries. In case of Croatia and Italy financing sources are different. In addition, as for the EU projects, it is expected that the requested contribution of the local authorities will increase in the future. Therefore, a blend of different sources of financing, including economic instruments is to be taken into account. The options presented in the guidelines will be elaborated into more details on the Adriadapt Resilience platform.

2. List of Adaptation options

Based on the existing experience and on the results of the Adriadapt questionnaire for local authorities the Contractor is expected to propose a list of adaptation options in agreement with the PAP/RAC team. The list may be extensive, but it should be prioritized, in order to secure coverage of the most important options during the project lifetime. However, since the Adriadapt Resilience platform will be maintained for 5 years after the project closure, the remaining adaptation options may be covered in the future. The list will be proposed to the Adriadapt partners for final selection and adoption.

3. Adaptation option

The Contractor is expected to prepare a template, and to present one adaptation option as a model for the Adriadapt Resilience platform. A particular emphasis is to be placed on the integrated aspects of the option, meaning adaptation option that may enable mitigation as well.

4. Best practice example - business cases, with special attention to blue and green infrastructure

One of the most important parts of the Adriadapt Resilience platform will be the best cases presentation. The Contractor is expected to propose the template on the basis of the experiences from the Climate ADAPT platform, taking into consideration the results of the Adriadapt questionnaire and the requests of the pilot cases of the project.

Deliverables and Deadlines

The Contractor will prepare the following outputs:

Deliverable	Deadline
1. Draft revision of the Guidelines	End May 2019

2. Final version of the Guidelines	End July 2019
3. Draft proposal of the List of adaptation options	End July 2019
4. Final proposal of the List of adaptation options	End November 2019
5. Draft template for adaptation options	Mid-June 2019
6. One adaptation option described	End September 2019
7. Draft template for the best practice example - business cases with special attention to blue and green infrastructure	End June 2016
8. One best practice example - business cases with special attention to blue and green infrastructure described	End October 2019

The outputs will be delivered in English, including graphical presentations, Annexes and References.

Obligatory Meetings

The Contractor will attend the Expert meeting to discuss and define the 3 strategic project outputs, tentatively to be organized in June 2019 in Split.

Qualifications

The Contractor should have the following educational and professional qualifications:

- Senior professional level with a minimum of five years of experience in environmental sciences and adaptation to climate change.
- Recognised degree (MSc or PhD) in any of the project-relevant environmental, social or technical sciences;
- Ability to analyse issues and information and prepare briefs and summaries on key ideas and issues;
- Strong research skills, combined with superior communication and interpersonal skills;
- Fluency (spoken, written) in English and in Italian.

Costs and Remuneration

The remuneration foreseen for the execution of the task defined by this ToR is of € 9,200 excluding VAT (€ 11,500 gross). Travel and accommodation costs pertaining to the expert meeting are included in the aforementioned amount. The payments will be made on an output-delivery basis, upon submission of the outputs defined in the point above and subject to clearance by PAP/RAC, as follows:

Instalments	Payment
1 st instalment, upon submitting of the deliverables 1,2,3,5 and 7	50%

and the clearance by PAP/RAC	
Final payment, upon submitting of the deliverables 4,6 and 8 and the clearance by PAP/RAC	50%