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- Municipality of Amadora



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Flood-CBA 2

Integrating CBA in the
Development of Standards
for Flood Protection & Safety



European
Commission

Humanitarian Aid &
Civil Protection (ECHO)

DESCRIPTION

FLOOD-CBA 2 project has been built on the experience gained from the delivery of FLOOD CBA in the framework of Civil Protection Financial Instrument of DG ECHO.

FLOOD CBA has successfully established a Knowledge Platform for the use of stakeholders dealing with the Cost-Benefit Analysis of flood prevention measures. **FLOOD-CBA 2** project will go beyond this to integrate CBA into the decision making process for selecting the appropriate protection standards in flood prone areas.

Flood protection standards are a key factor of flood management plans since they specify the protection offered to a certain area from flooding. EU member states present a diversity of methods regarding the development of flood protection standards ranging from fixed design standards to economics-based approaches, or even to investments based on local imperatives often at the expense of efficiency.

At the time when policy makers are seeking to reduce expenditure and obtain better value for money, that efficiency should be raised as of paramount concern. **FLOOD-CBA 2** will attempt to address this challenge by proposing an EU transnational cooperation that will work on the following main axes:

- i) reviewing and analyzing the available frameworks, methodologies and tools
- ii) provision of a common state of the art guidance, data sources and support structures for the development of standards
- iii) implementation of real case studies on how to evaluate alternatives of standards based on the Cost Benefit Analysis;
- iv) involvement of beneficiaries to a consultation process for the assessment of the proposed products and structures.

ACTIVITIES

In the framework of **FLOOD-CBA 2** project the following Actions will be implemented:

- The development of a flexible stakeholders' Network ensuring the involvement of key actors from the private and public sector in the activities of the project;
- The enhancement of the stakeholders' and end-users' capacity to respond properly to the project requirements;
- The development and establishment of support tools and information exchange structures ensuring the effective stakeholders' involvement as well as the acquisition and processing of the appropriate data, based on previous experience;
- The realization of Cost-Benefit Analysis case studies and initialisation of a participatory mechanism that will raise the awareness of policy makers and other interested stakeholders and will facilitate the further improvement of the developed **FLOOD-CBA 2** support tools;
- The realisation of training sessions for the members of the stakeholders' Network on the developed knowledge tools of the project;
- The wide dissemination and promotion of the project's concept, methodology and results to all related bodies and target groups;
- Development and implementation of effective capitalisation measures that will pave the way for future international cooperation and further experiences' exchange.

OBJECTIVES

The objective of the **FLOOD-CBA 2** is to:

- Facilitate the collection, assessment and the exchange of information amongst stakeholders (i.e. responsible authorities, technical services and scientific community);
- Provide overview and detail on existing standards applied to flood protection and safety and the methodologies which are implemented for the justification of the related investments;
- Exploit the results of the successfully completed FLOOD CBA project to develop a state of the art guidance as well as necessary data sources and support structures for the appraisal of flood defence standards and tracking of the most resilient investments;
- Validate the quality and applicability of the developed products through the realisation of pilot case studies in three selected areas of concern;
- Demonstrate the Cost-Benefit Analysis as a tool that enables the end-users to identify those flood protection standards which represent "best value for money" by being economically efficient;
- Strengthen the performance of the existing prevention mechanism especially in the project participating countries;
- Promote the transnational cooperation of competent bodies all over Europe.

