



Grant agreement nr. ECHO/SUB/2015/713849/PREV32



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

Questionnaire for the collection of the background information

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EUROPEAN COMMISSION
DG-ECHO
CIVIL PROTECTION UNIT



Presentation and objective of the questionnaire

The present questionnaire has been developed under Task B Building Stakeholders Capacity, Action B.2 Collection of background information.

This questionnaire will facilitate the compilation and homogenization of the targeted information for the case studies. The partners will complete this questionnaire using all the available information from official sources, while providing their references.

The collected information will help the development of the knowledge tool kit of the project (Action C2) and will also help to identify the gaps of the information that is necessary in the process of a Cost: Benefit Analysis study.

This questionnaire will also help to identify the members of the Information Exchange Network that will be divided into two categories:

- **end-users**, i.e. the primary users of the project's deliverables such as, civil protection agencies, emergency responders, water resources managers and forecasting agencies, consultants and engineering enterprises;

stakeholders, i.e. those affected by the project outcomes, such as local and regional authorities, community members, NGOs, the general public and scientists.

This members will be engaged in the project, namely in Task B3: *Assessment of End Users' and Stakeholders' views and needs*

The questionnaire is divided in the following thematic areas:

- 0 - Characterization of the institution / Partner;
- 1 - Data regarding the site that is to be assessed
- 2 - Historical information about floods in the site
- 3 - Current situation
- 4 - Identification of Local Stakeholders



0 - Characterization of the Partner.

<ul style="list-style-type: none"> • Institution Partner: • Responsible for the questionnaire: • Country: • Type of institution (Public/Private): <p><i>At which level does your institution work for flood risk management?</i></p> <ul style="list-style-type: none"> <input type="radio"/> Local <input type="radio"/> Regional <input type="radio"/> National <input type="radio"/> International <input type="radio"/> Hydrologic Basin

1 – Identification of the case study area.

a) Name and location of the area where is located the case study. Please include municipality, region, province and country.

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b) Size of the area for the case study (SqKm)

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2 – Information regarding the case study that is to be assessed.

CARTOGRAPHY

a) Do you have topographic maps of the catchment in which the site is located?

<input type="radio"/>	Yes
<input type="radio"/>	No

What scale's?



b) Detailed map of the site e.g (1:10 000)

<input type="radio"/>	Yes
<input type="radio"/>	No

Other relevant information (sources of the topographic information):

c) Do you have geologic map of the catchment in which the site is located??

<input type="radio"/>	Yes
<input type="radio"/>	No

What scale's?

d) Do you have land use maps of the catchment in which the site is located??

<input type="radio"/>	Yes
<input type="radio"/>	No

What scale's?

e) Do you have risk maps of the catchment in which the site is located??

<input type="radio"/>	Yes
<input type="radio"/>	No

What scale's?

Other relevant information (sources of the maps):



METEREOLOGICAL DATA for the site

a) *Number of meteorological stations that can be used in the case study*

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b) *Daily Rainfall?*

<input type="radio"/>	Yes
<input type="radio"/>	No

Period of time	
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c) *Daily Rainfall Intensity?*

<input type="radio"/>	Yes
<input type="radio"/>	No

Period of time	
----------------	--

Other relevant information:

FLOOD HIDROLOGY DATA for the site

a) *Flows?*

<input type="radio"/>	Yes
<input type="radio"/>	No

Period of time	
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b) *Flood return periods?*

<input type="radio"/>	Yes
<input type="radio"/>	No

Periods	
Periods	
Periods	

c) *Flood extents?*

<input type="radio"/>	Yes
<input type="radio"/>	No

Other relevant information:

3 - Flood Historical information for the site

<input type="radio"/>	Detailed flood extent /maps
<input type="radio"/>	Numbers of properties affected and types
<input type="radio"/>	Detailed of damages
<input type="radio"/>	Details, injuries and loss of life
<input type="radio"/>	Reimbursements
<input type="radio"/>	Photos of flooding areas
<input type="radio"/>	Description in the newspapers

Other relevant information:

Current situation now and future

a) Administrative authorities relevant to the site

<input type="radio"/>	Urban Planning
<input type="radio"/>	Flood risk management
<input type="radio"/>	Emergency response
<input type="radio"/>	Other

b) Rules and guidance relevant to the site

<input type="radio"/>	Nacional level
<input type="radio"/>	Regional level
<input type="radio"/>	Local level
<input type="radio"/>	Other

c) Flood defense structures

<input type="radio"/>	Levees
<input type="radio"/>	Sluices
<input type="radio"/>	Storage areas
<input type="radio"/>	Other

d) Warning systems?

<input type="radio"/>	Yes
<input type="radio"/>	No



e) *Modelled or estimated future floods extents /Areas/Return periods (RP/years)*

<input type="radio"/>	2 years
<input type="radio"/>	5
<input type="radio"/>	20
<input type="radio"/>	50
<input type="radio"/>	100 years

f) *Population estimated in each of those Areas*

RP 2	
5	
10	
20	
50	
RP-100	

g) *Property number and types (e.g. residential/ non-residential) in each of those Areas*

RP 2	
5	
10	
20	
50	
RP-100	

Other relevant information:

h) *Reasons for selecting this area within the FLOODSCBA#2 project?*

R. (100 words):

4 - Identification of Local Stakeholders and end users

Please provide the follow information's about stakeholders and end users that can be related to the case study and should be engaged in the project. Please, in case of any doubt check page 2 of this questionnaire to see definitions of end users and stakeholders. As agreed, please list a minimum of 13 entities.





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Stakeholder (ST) or End User (EU)	Nature (Public Administration, Private Company, NGO, etc)	Name of Institution	Level of Action/Scale (National/Regional/Subregional/Local)	Responsibilities/Competences/Areas of work regarding floods risk management	Contact person (name, e-mail)

Thank you for your time.

FLOOD – CBA.