



Annex 3: Framework for reporting identified practices

	Section	Indication of Content
1	Title of the practice	Methodology for flood hazard identification
2	Precise theme/ issue tackled by the practice	Flood risk analysis / difficulty in locating the flood risk elements within the vulnerable areas.
3	Objectives of the practice	To define a methodology aimed to: <ul style="list-style-type: none"> - flood hazard identification - flood risk analysis <p>The methodology is based on specific criteria and elaboration of flood risk maps, applicable at a provincial / regional level.</p>
4	Location	<ul style="list-style-type: none"> - Italy - Region Emilia-Romagna - Provincia di Forlì-Cesena
5	Detailed description of the practice	<p>Origin: Provincia di Forlì-Cesena Timescale: long-term Bodies involved / implementation:</p> <ul style="list-style-type: none"> ➤ Regional Agency for Civil Protection ➤ Regional Unit for Water Resources Technical Management ➤ Provincial Civil Protection Department ➤ Fire Brigades <p>Process and detailed content of the practice:</p> <ul style="list-style-type: none"> ➤ Study of the flood risk maps provided by the Regional Unit for Water Resources Technical Management and marking of the boundaries of the flood risk areas (moderate to high level) identified through hydraulic models; ➤ Census of the monitoring networks for meteorological phenomena (i.e. hydrometers, rain gauge) ➤ Detailed census of the water prevention works (banks, dams, dykes) ➤ Elaboration of a flood risk map, integrated with: <ul style="list-style-type: none"> - marking of the previously flooded areas - viability - urban areas and productive areas - coordinating centres for civil protection and strategic points <p>Legal framework: National and regional law about flood risk prevention and management (L.183/1989,L.267/1998, L.R. 1/2005). Financial framework: Regional Agency for Civil Protection</p>

6	Evaluation	<p>Possible demonstrated results:</p> <ul style="list-style-type: none"> - to establish a relation between the historical data (previously flooded areas) and the flood risk areas identified through hydraulic models; <p>Possible success factors:</p> <ul style="list-style-type: none"> - a correct risk identification is linked to the effective presence of vulnerable elements <p>Encountered difficulties:</p> <ul style="list-style-type: none"> - census and classification of the vulnerable elements - to get updated information from Municipalities (most municipalities have few technical employees)
7	Lessons learnt from the practice	<p>The flood risk classification, together with the elaboration of the maps, allows us to evaluate the effectiveness of the action for the improvement of the territorial safety.</p>
8	Contact information	<p>Claudia Casadei – Head of Civil Protection Office – Provincia di Forlì-Cesena e-mail: claudia.casadei@provincia.fc.it</p> <p>Elisa Cangini – European Project Office – Provincia di Forlì-Cesena e-mail: elisa.cangini@provincia.fc.it – relin@provincia.fc.it</p>
9	Other possible interesting information	<p>Website: www.provincia.fc.it/protezione.civile</p> <p>Documents:</p> <ul style="list-style-type: none"> - Action Plan Map of the Hydrogeological Risk at different level: <ul style="list-style-type: none"> ➤ Provincial level – scale 1:100.000; ➤ Inter-municipality level – scale 1:25.000; ➤ Municipal level – scale 1:10.000 ➤ Very high risk areas level – scale 1:5.000