

## D.4.5.1. Methodology for Pilot Project Assessment

<b>Project Acronym</b>	Firespill
<b>Project ID Number</b>	10255377
<b>Project Title</b>	Fostering Improved Reaction of crossborder Emergency Services and Prevention Increasing safety Level
<b>Priority Axis</b>	Safety and resilience
<b>Specific objective</b>	2.2 - Increase the safety of the Programme area from natural and man-made disaster
<b>Work Package Number</b>	WP4
<b>Work Package Title</b>	Enhancement of emergency service organizations operational capabilities -pilot projects deployment
<b>Activity Number</b>	5
<b>Activity Title</b>	Methodology for pilot project assessment
<b>Partner in Charge</b>	PUBLIC INSTITUTION RERA S.D. FOR COORDINATION AND DEVELOPMENT OF SPLIT DALMATIA COUNTY
<b>Partners involved</b>	All PP
<b>Status</b>	
<b>Distribution</b>	
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## Introduction

The aim of FIRESPELL project was to increase the capacity of emergency services to improve cross-border efficiency in tackling natural and man-made disasters by decreasing the exposure of the population to the impact of hazards and increasing the safety of the Croatian and Italian Adriatic basin by improving emergency prevention and management measures and instruments.

Pilot actions planned within WP 4 of FIRESPELL project was the establishment of a better coordinated collective emergency planning and preparedness for risk related to fire, oil spills, pandemic, or earthquake in both countries.

The aim of the Methodology is to define the main steps that needs to be done in order to make joint evaluation that will be presented in the Summary report on implementation and evaluation of pilot deployment with defining transferability options and follow up interventions in order to increase their impact on safety of each involved Croatian and Italian territory from a forest fire, oils spills and earthquake hazards.

### **1. METHODOLOGY FOR THE PILOT PROJECT ASSESSMENT**

Methodology for the pilot project assessment is a brief framework concept introducing each step of the assessment of the pilot deployment process for PPs evaluation of the pilot projects implemented within the WP4.

### 1.1. Pre pilot activities

At the beginning of the FIRESPELL project the following steps were made:

- ✓ Establishment of three thematic task forces (TF)
  1. TF1 (Fire and earthquake pilot deployment)- coordinated by PP10; participated by PP2, PP5, PP8, PP9 and PP12.
  2. TF2 (Oil spills and other marine hazards pilots deployment)- coordinated by PP9; participated by: PP1, PP4, PP7 and PP11.
  3. TF 3 (Establishment of Advanced Training Centres for Civil Protection)- coordinated by PP 13; participated by: PP 3 and PP 6

The responsibility of TF 1 and TF 2 members was to design the pilot projects according to its specific needs, but respecting the planned deliverables that needed to be implemented during pilot projects implementation:

<b>Deliverable 4.2.1.</b>
<ul style="list-style-type: none"> <li>❖ n° 6 Specialized trainings/drills for firefighters and CP units (1 training per involved PP). <i>Firefighters and civil protection units will organize specialized trainings/drills (fire and earthquake) by using and testing the equipment that will be purchased by involved PPs</i></li> </ul>
<ul style="list-style-type: none"> <li>❖ n° 1 Cross border training of experts (e.g. engineers, architects, cultural heritage experts, etc.) and creation of lists of experts in earthquake emergency management. (PP10)</li> </ul>
<ul style="list-style-type: none"> <li>❖ n° 3 case studies in the earthquake area identified and monitored (PP10)</li> </ul>
<ul style="list-style-type: none"> <li>❖ n° 10 Instrumentally SPBs monitored (PP2)</li> </ul>

<b>Deliverable 4.3.1.</b>
<ul style="list-style-type: none"> <li>❖ n° 1 Methodology/guidelines for risk assessment for oil spills in the Adriatic Sea developed</li> <li>❖ (PP4)</li> </ul>

❖ n° 1 Oil spill operational prototype and hazard mapping capacities developed (PP9)
❖ n° 2 Enhanced simulation models for oils spills and other marine hazards (PP9, PP11)
❖ n° 5 Specialized exercises implemented (with usage of personal protective equipment and specialized equipment floating booms, boats, drones.) (1 exercise per PP)

After organization of a several Workshops/Skype meetings of TF1 and TF 2 group and presenting their pilot projects via Work coffees/workshops to the local stakeholders, TF members gave their inputs tailored to specific context, needs and willingness of each involved territory that was integrated in the Pilot Project Framework Plan (PPFP), the document that detailed the project response to the challenges posed in the context of the project and provided a clear picture on how each involved territory needed to implement the pilot activities.

Pilot Project Framework Plan was structured in two thematic chapters: TF 1 - Fire and earthquake pilot deployment and TF 2 - Oil spills and other marine hazards pilots' deployment and, as a basic document/manual for the pilot project deployment, it provided a brief description of pilot concepts that consisted of the following elements:

- Geographic area- giving a brief description of involved area and it's substance per each theme
- Type of pilot activity
- Relation of pilot activity with previous experience/good practice
- Description/Methodology/Phases of pilot activity implementation
- Pilot team composition (external/internal, roles)
- Enhancement/adoption measures to be implemented
- Expected outputs of pilot activities (in relation to activity deliverables 4.2., 4.3. and 4.4.)
- Estimated budget
- Sustainability of pilot activities (governance model)

Except the Fire and earthquake pilot deployment (D.4.2.1.) and Oil spills and other marine hazards pilot deployment (D.4.3.1.) Activity 4.4 was parallely implemented. The establishment of Advanced training Centres (D.4.4.1.)- Advanced training centre for firefighting and civil protection in Split-Dalmatia County (Vučevica), outpost of Advanced training centre for firefighting and civil protection in Dubrovnik- Neretva County (Kula Norinska), and Advanced training centre of Fabriano Belvedere in Marche region- as a future cross border centres for presentation of best practices in the field of

firefighting and civil protection through organization of specialized seminars, trainings, and simulations for different Emergency system organizations in EU were one of the most relevant pilot deployments planned under the WP 4.

The implementation of 4.4. Activity was under responsibility of TF3 members: PP3, PP6 and PP13 and it consisted of the following deliverables.

<b>Activity 4.4.</b>
❖ <b>D.4.4.1.</b> Investment preparation package realized. Technical documents, permissions and other documents that are necessary for the realization of pilot projects that include small scale infrastructure investments. (3 sets of documents, 1 set per each investment). Collected by PP13.
❖ <b>D.4.4.2.</b> n° 1 Realized investment of new infrastructure: Advanced training center for firefighting and civil protection in Split- Dalmatia County (Vučevica), by PP13. 1 infrastructure
❖ <b>D.4.4.3.</b> n° 1 Realized investment of new infrastructure: Outpost of Advanced training center for firefighting and civil protection in Dubrovnik- Neretva County (Kula Norinska), by PP3. 1 infrastructure
❖ <b>D.4.4.4.</b> n° 1 Realized investment of the restructuring of existing infrastructure: Advanced training canter of Fabriano Belvedere in Marche region, by PP6. 1 reconstruction

After implementing all above-mentioned preparatory steps, the implementation of pilot projects started in 2021. and it lasted till the end of the FIRESPELL project.

## **1.2. Post pilot activities**

After the pilot project implementation joint evaluation, together with the defining of transferability options and follow up interventions will be made by TF members through the following steps.

### **2.1. Joint monitoring and evaluation process**

The main tool for the Methodology for the pilot project assessment will be in the form of the *Evaluation questionnaires* to be filled out by the partners, which will include the following elements:

- Geographical area
- Brief description of implemented pilot activity
- Pilot Team composition

- Outputs of pilot activity achieved
- Deviations in the implementation of the pilot project activities (pre post pilot benchmark)
- Pilot activities contribution to the improvement of resilience of the involved territory to a specific hazard (fire/earthquake/maritime hazard)
- CBC effect of undertaken pilot activities/ transferability of results of pilot activities to CB territories
- Sustainability of pilot deliverables (governance model)

Followed by Methodology for the assessment of pilot projects (and the elements from the Evaluation questionnaires) each TF member will evaluate the impact of pilot interventions in its territory by comparison between the pre and post pilot benchmark, and provide inputs of the achieved results, faced critical issues and observed changes in the resilience of involved territory. In order to make a proper assessment of pilot projects, each TF member will organize a **Work coffee/Workshop with local stakeholders** to discuss the evaluation of the implemented pilot projects following the elements from the Evaluation questionnaires.

The information will be gathered via World Cafe/workshops.

After collecting all the inputs, each TF member will send to the LP Evaluation questionnaires with all the inputs that will be a part of the **Summary report on implementation and evaluation of pilot deployment (D.4.5.3.)** - Overall report about the pilot implementation activities and evaluation of their impact on safety of each involved Croatian and Italian territory from a forest fire, oil spills and earthquake hazards that will be approved by SC members, with special attention given to the evaluation of a CBC effect of the evaluated pilot actions.

## TF-1 FIRE AND EARTHQUAKE PILOT PROJECT EVALUATION

### PP10 - EMILIA-ROMAGNA REGION Agency for Reconstruction Earthquake 2012

#### Geographical area

*Brief description of involved area in pilot activities and its substance in terms of Fire Risk and Seismic Risks (max 1000 chars)*

Basic info



Surface	
Population	
Population benefiting from forest fire protection pilot activities	

#### Brief description of implemented pilot activity

*Description of pilot activity (type of pilot activity- fire/earthquake, short description of pilot activity, number of participants and equipment used (max 500 chars)*

#### Pilot Team composition

*Brief description of the team composition who participated in the implementation of pilot activity (max 500 chars)*

Number of Civil Protection volunteers and professionals participated in pilot activity implementation

Outputs of pilot activity achieved (please mark implemented pilot activity in relation to the Deliverable 4.2.1.)

(max 500 chars)

Deliverable	Number of deliverables
<input type="checkbox"/> n° 6 Specialized trainings/drills for firefighters and CP units (1 training per involved PP). <i>Firefighters and civil protection units will organize specialized trainings/drills (fire and earthquake) by using and testing the equipment that will be purchased by involved PPs</i>	
<input type="checkbox"/> n° 1 Cross border training of experts (e.g. engineers, architects, cultural heritage experts, etc.) and creation of lists of experts in earthquake emergency management. (PP10)	
<input type="checkbox"/> n° 3 case studies in the earthquake area identified and monitored (PP10)	
<input type="checkbox"/> n° 10 Instrumentally SPBs monitored (PP2)	

Were there any deviations in the implementation of the pilot project activities (pre post pilot benchmark). If so, please briefly describe the problems you encountered and the steps you had to take to solve them for the successful implementation of the pilot activity.

(max 500 chars)

In what way did the implemented pilot activities contribute to the improvement of resilience of the involved territory to a specific hazard (fire/earthquake hazard)?

*(max 500 chars)*

What is the CBC effect of undertaken pilot activities? Are the results of pilot activities transferable to CB territories?

*(max 500 chars)*

Sustainability of pilot deliverables (How will the sustainability of deliverables be ensured/ governance model)

*(max 500 chars)*

**PP2 - EUROPE POINT CONSORTIUM**

Geographical area

*Brief description of involved area in pilot activities and its substance in terms of Fire Risk and Seismic Risks (max 1000 chars)*

Basic info	
Surface	
Population	
Population benefiting from forest fire protection/seismic pilot activities	

**Brief description of implemented pilot activity**

*Description of pilot activity (type of pilot activity- fire/earthquake, short description of pilot activity, number of participants and equipment used (max 500 chars)*

**Pilot Team composition**

*Brief description of the team composition who participated in the implementation of pilot activity (max 500 chars)*

Number of Civil Protection volunteers and professionals participated in pilot activity implementation

Outputs of pilot activity achieved (please mark implemented pilot activity in relation to Activity 4.2.1. deliverables)

(max 500 chars)

Deliverable	Number of deliverables
<input type="checkbox"/> n° 6 Specialized trainings/drills for firefighters and CP units (1 training per involved PP). <i>Firefighters and civil protection units will organize specialized trainings/drills (fire and earthquake) by using and testing the equipment that will be purchased by involved PPs</i>	
<input type="checkbox"/> n° 1 Cross border training of experts (e.g. engineers, architects, cultural heritage experts, etc.) and creation of lists of experts in earthquake emergency management. (PP10)	
<input type="checkbox"/> n° 3 case studies in the earthquake area identified and monitored (PP10)	
<input type="checkbox"/> n° 10 Instrumentally SPBs monitored (PP2)	

Were there any deviations in the implementation of the pilot project activities (pre post pilot benchmark). If so, please briefly describe the problems you encountered and the steps you had to take to solve them for the successful implementation of the pilot activity.

*(max 500 chars)*

In what way did the implemented pilot activities contribute to the improvement of resilience of the involved territory to a specific hazard (fire/maritime hazard)?

*(max 500 chars)*

What is the CBC effect of undertaken pilot activities? Are the results of pilot activities transferable to CB territories?

*(max 500 chars)*

Sustainability of pilot activities (How will the sustainability of deliverables be ensured/ governance model)

*(max 500 chars)*

## PP5 – ZADAR COUNTY

Geographical area

*Brief description of involved area in pilot activities and its substance in terms of Fire Risk and Seismic Risks (max 1000 chars)*

Basic info	
Surface	
Population	
Population benefiting from forest fire protection pilot activities	

Brief description of implemented pilot activity
<i>Description of pilot activity (type of pilot activity- fire/earthquake, short description of pilot activity, number of participants and equipment used (max 500 chars)</i>

<b>Pilot Team composition</b>
<i>Brief description of the team composition who participated in the implementation of pilot activity (max 500 chars)</i>
<b>Number of Civil Protection volunteers and professionals participated in pilot activity implementation</b>

<b>Outputs of pilot activity achieved (please mark implemented pilot activity in relation to Activity 4.2.1. deliverables)</b>	
<i>(max 500 chars)</i>	
<b>Deliverable</b>	<b>Number of deliverables</b>
<input type="checkbox"/> n° 6 Specialized trainings/drills for firefighters and CP units (1 training per involved PP). <i>Firefighters and civil protection units will organize specialized trainings/drills (fire and earthquake) by using and testing the equipment that will be purchased by involved PPs</i>	
<input type="checkbox"/> n° 1 Cross border training of experts (e.g. engineers, architects, cultural heritage experts, etc.) and creation of lists of experts in earthquake emergency management. (PP10)	



<input type="checkbox"/> n° 3 case studies in the earthquake area identified and monitored (PP10)	
<input type="checkbox"/> n° 10 Instrumentally SPBs monitored (PP2)	

Were there any deviations in the implementation of the pilot project activities (pre post pilot benchmark). If so, please briefly describe the problems you encountered and the steps you had to take to solve them for the successful implementation of the pilot activity.

*(max 500 chars)*

In what way did the implemented pilot activities contribute to the improvement of resilience of the involved territory to a specific hazard (fire/earthquake hazard)?

*(max 500 chars)*

What is the CBC effect of undertaken pilot activities? Are the results of pilot activities transferable to CB territories?

*(max 500 chars)*

Sustainability of pilot deliverables (How will the sustainability of deliverables be ensured/ governance model)

*(max 500 chars)*

**PP8 – DEVELOPMENT AGENCY OF ŠIBENIK-KNIN COUNTY**

**Geographical area**

*Brief description of involved area in pilot activities and its substance in terms of Fire Risk and Seismic Risks (max 1000 chars)*

Basic info	
Surface	
Population	
Population benefiting from forest fire protection pilot activities	

**Brief description of implemented pilot activity**

*Description of pilot activity (type of pilot activity- fire/earthquake, short description of pilot activity, number of participants and equipment used (max 500 chars)*

**Pilot Team composition**

*Brief description of the team composition who participated in the implementation of pilot activity (max 500 chars)*

Number of Civil Protection volunteers and professionals participated in pilot activity implementation

**Outputs of pilot activity achieved (please mark implemented pilot activity in relation to Activity 4.2.1. deliverables)**

*(max 500 chars)*

Deliverable	Number of deliverables
<input type="checkbox"/> n° 6 Specialized trainings/drills for firefighters and CP units (1 training per involved PP). <i>Firefighters and civil protection units will organize specialized</i>	

<p><i>trainings/drills (fire and earthquake) by using and testing the equipment that will be purchased by involved PPs</i></p>	
<p><input type="checkbox"/> n° 1 Cross border training of experts (e.g. engineers, architects, cultural heritage experts, etc.) and creation of lists of experts in earthquake emergency management. (PP10)</p>	
<p><input type="checkbox"/> n° 3 case studies in the earthquake area identified and monitored (PP10)</p>	
<p><input type="checkbox"/> n° 10 Instrumentally SPBs monitored (PP2)</p>	

Were there any deviations in the implementation of the pilot project activities (pre post pilot benchmark). If so, please briefly describe the problems you encountered and the steps you had to take to solve them for the successful implementation of the pilot activity.

*(max 500 chars)*

In what way did the implemented pilot activities contribute to the improvement of resilience of the involved territory to a specific hazard (fire/earthquake hazard)?

*(max 500 chars)*

What is the CBC effect of undertaken pilot activities? Are the results of pilot activities transferable to CB territories?

*(max 500 chars)*

Sustainability of pilot deliverables (How will the sustainability of deliverables be ensured/ governance model)

*(max 500 chars)*

**PP9 – PUGLIA REGION – CIVIL PROTECTION DEPARTMENT**

Geographical area

*Brief description of involved area in pilot activities and its substance in terms of Fire Risk and Seismic Risks (max 1000 chars)*

Basic info	
Surface	
Population	
Population benefiting from forest fire protection pilot activities	

Brief description of implemented pilot activity

*Description of pilot activity (type of pilot activity- fire/earthquake, short description of pilot activity, number of participants and equipment used (max 500 chars)*

**Pilot Team composition**

*Brief description of the team composition who participated in the implementation of pilot activity (max 500 chars)*

Number of Civil Protection volunteers and professionals participated in pilot activity implementation

**Outputs of pilot activity achieved (please mark implemented pilot activity in relation to Activity 4.2.1. deliverables)**

*(max 500 chars)*

Deliverable	Number of deliverables
<input type="checkbox"/> n° 6 Specialized trainings/drills for firefighters and CP units (1 training per involved PP).	

<p><i>Firefighters and civil protection units will organize specialized trainings/drills (fire and earthquake) by using and testing the equipment that will be purchased by involved PPs</i></p>	
<p><input type="checkbox"/> n° 1 Cross border training of experts (e.g. engineers, architects, cultural heritage experts, etc.) and creation of lists of experts in earthquake emergency management. (PP10)</p>	
<p><input type="checkbox"/> n° 3 case studies in the earthquake area identified and monitored (PP10)</p>	
<p><input type="checkbox"/> n° 10 Instrumentally SPBs monitored (PP2)</p>	

Were there any deviations in the implementation of the pilot project activities (pre post pilot benchmark). If so, please briefly describe the problems you encountered and the steps you had to take to solve them for the successful implementation of the pilot activity.

*(max 500 chars)*

In what way did the implemented pilot activities contribute to the improvement of resilience of the involved territory to a specific hazard (fire/earthquake hazard)?

*(max 500 chars)*

What is the CBC effect of undertaken pilot activities? Are the results of pilot activities transferable to CB territories?

*(max 500 chars)*

Sustainability of pilot deliverables (How will the sustainability of deliverables be ensured/ governance model)

*(max 500 chars)*

**PP15 – UNIVERSITY OF PADOVA**

Geographical area

*Brief description of involved area in pilot activities and its substance in terms of Fire Risk and Seismic Risks (max 1000 chars)*

Basic info	
Surface	
Population	
Population benefiting from forest fire protection pilot activities	



**Brief description of implemented pilot activity**

*Description of pilot activity (type of pilot activity- fire/earthquake, short description of pilot activity, number of participants and equipment used (max 500 chars)*

**Pilot Team composition**

*Brief description of the team composition who participated in the implementation of pilot activity (max 500 chars)*

Number of Civil Protection volunteers and professionals participated in pilot activity implementation

**Outputs of pilot activity achieved (please mark implemented pilot activity in relation to Activity 4.2.1. deliverables)**

*(max 500 chars)*

Deliverable	Number of deliverables
<input type="checkbox"/> n° 6 Specialized trainings/drills for firefighters and CP units	

<p>(1 training per involved PP).  <i>Firefighters and civil protection units will organize specialized trainings/drills (fire and earthquake) by using and testing the equipment that will be purchased by involved PPs</i></p>	
<p><input type="checkbox"/> n° 1 Cross border training of experts (e.g. engineers, architects, cultural heritage experts, etc.) and creation of lists of experts in earthquake emergency management.          (PP10)</p>	
<p><input type="checkbox"/> n° 3 case studies in the earthquake area identified and monitored          (PP10)</p>	
<p><input type="checkbox"/> n° 10 Instrumentally SPBs monitored          (PP2)</p>	

Were there any deviations in the implementation of the pilot project activities (pre post pilot benchmark). If so, please briefly describe the problems you encountered and the steps you had to take to solve them for the successful implementation of the pilot activity.

*(max 500 chars)*

In what way did the implemented pilot activities contribute to the improvement of resilience of the involved territory to a specific hazard (fire/earthquake hazard)?

*(max 500 chars)*

What is the CBC effect of undertaken pilot activities? Are the results of pilot activities transferable to CB territories?

*(max 500 chars)*

Sustainability of pilot deliverables (How will the sustainability of deliverables be ensured/  
governance model)

*(max 500 chars)*

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## TF-2 OIL SPILLS AND OTHER MARINE HAZARDS PILOTS DEPLOYMENT- EVALUATION

### PP9- PUGLIA REGION - CIVIL PROTECTION DEPARTMENT

Geographical area

*Brief description of involved area and its substance in terms of oil spills and other marine hazards (max 1000 chars)*

Basic info	
Surface	
Population	
Population benefiting from oil spills and other marine hazards pilot activities	

**Brief description of implemented pilot activity**  
*Description of pilot activity (type of pilot activity- oil spills/marine hazards, short description of pilot activity, number of participants and equipment used (max 500 chars)*

**Pilot Team composition**

*Brief description of the team composition who participated in the implementation of pilot activity (max 500 chars)*

Number of Civil Protection volunteers and professionals participated in pilot activity implementation

**Outputs of pilot activity (please mark implemented pilot activity in relation to Activity 4.3.1. deliverables)**

*(max 500 chars)*

Deliverable	Number of deliverables
<input type="checkbox"/> n° 1 Methodology/guidelines for risk assessment for oil spills in the Adriatic Sea developed (PP4)	

<input type="checkbox"/> n° 1 Oil spill operational prototype and hazard mapping capacities developed (PP9)	
<input type="checkbox"/> n° 2 Enhanced simulation models for oils spills and other marine hazards (PP9, PP11)	
<input type="checkbox"/> n° 5 Specialized exercises implemented (with usage of personal protective equipment and specialized equipment floating booms, boats, drones.) (1 exercise per PP)	

Were there any deviations in the implementation of the pilot project activities (pre post pilot benchmark). If so, please briefly describe the problems you encountered and the steps you had to take to solve them for the successful implementation of the pilot activity.

*(max 500 chars)*

In what way did the implemented pilot activities contribute to the improvement of resilience of the involved territory to a specific hazard (fire/maritime hazard)?

*(max 500 chars)*

What is the CBC effect of undertaken pilot activities? Are the results of pilot activities transferable to CB territories?

*(max 500 chars)*

Sustainability of pilot deliverables (How will the sustainability of deliverables be ensured/ governance model)

(max 500 chars)

**PP1 - ABRUZZO REGION**

**Geographical area**

*Brief description of involved area and its substance in terms of oil spills and other marine hazards (max 1000 chars)*

Basic info	
Surface	
Population	
Population benefiting from oil spills and other marine hazards pilot activities	

Brief description of implemented pilot activity

*Description of pilot activity (type of pilot activity- oil spills/marine hazards, short description of pilot activity, number of participants and equipment used (max 500 chars)*

**Pilot Team composition**

*Brief description of the team composition who participated in the implementation of pilot activity (max 500 chars)*

Number of Civil Protection volunteers and professionals participated in pilot activity implementation

**Outputs of pilot activity (please mark implemented pilot activity in relation to Activity 4.3.1. deliverables)**

*(max 500 chars)*

Deliverable	Number of deliverables
<input type="checkbox"/> n° 1 Methodology/guidelines for risk assessment for oil spills in the Adriatic	



Sea developed (PP4)	
<input type="checkbox"/> n° 1 Oil spill operational prototype and hazard mapping capacities developed (PP9)	
<input type="checkbox"/> n° 2 Enhanced simulation models for oils spills and other marine hazards (PP9, PP11)	
<input type="checkbox"/> n° 5 Specialized exercises implemented (with usage of personal protective equipment and specialized equipment floating booms, boats, drones.) (1 exercise per PP)	

Were there any deviations in the implementation of the pilot project activities (pre post pilot benchmark). If so, please briefly describe the problems you encountered and the steps you had to take to solve them for the successful implementation of the pilot activity.

*(max 500 chars)*

In what way did the implemented pilot activities contribute to the improvement of resilience of the involved territory to a specific hazard (fire/maritime hazard)?

*(max 500 chars)*

What is the CBC effect of undertaken pilot activities? Are the results of pilot activities transferable to CB territories?

*(max 500 chars)*

Sustainability of pilot deliverables (How will the sustainability of deliverables be ensured/ governance model)

*(max 500 chars)*

**PP4 - ADRIATIC TRAINING AND RESEARCH CENTRE FOR ACCIDENTAL MARINE POLLUTION PREPAREDNESS AND RESPONSE - ATRAC**

Geographical area

*Brief description of involved area and its substance in terms of oil spills and other marine hazards (max 1000 chars)*

Basic info	
Surface	
Population	
Population benefiting from oil spills and other marine hazards pilot activities	

Brief description of implemented pilot activity

*Description of pilot activity (type of pilot activity- oil spills/marine hazards, short description of pilot activity, number of participants and equipment used (max 500 chars)*

Pilot Team composition

*Brief description of the team composition who participated in the implementation of pilot activity (max 500 chars)*

Number of Civil Protection volunteers and professionals participated in pilot activity implementation

Outputs of pilot activity (please mark implemented pilot activity in relation to Activity 4.3.1. deliverables)

*(max 500 chars)*

Deliverable	Number of deliverables
<input type="checkbox"/> n° 1 Methodology/guidelines for risk assessment for oil spills in the Adriatic	

Sea developed (PP4)	
<input type="checkbox"/> n° 1 Oil spill operational prototype and hazard mapping capacities developed (PP9)	
<input type="checkbox"/> n° 2 Enhanced simulation models for oils spills and other marine hazards (PP9, PP11)	
<input type="checkbox"/> n° 5 Specialized exercises implemented (with usage of personal protective equipment and specialized equipment floating booms, boats, drones.) (1 exercise per PP)	

Were there any deviations in the implementation of the pilot project activities (pre post pilot benchmark). If so, please briefly describe the problems you encountered and the steps you had to take to solve them for the successful implementation of the pilot activity.

*(max 500 chars)*

In what way did the implemented pilot activities contribute to the improvement of resilience of the involved territory to a specific hazard (fire/maritime hazard)?

*(max 500 chars)*

What is the CBC effect of undertaken pilot activities? Are the results of pilot activities transferable to CB territories?

*(max 500 chars)*

Sustainability of pilot deliverables (How will the sustainability of deliverables be ensured/ governance model)

*(max 500 chars)*

**PP7 - REGION OF ISTRIA**

Geographical area

*Brief description of involved area and its substance in terms of oil spills and other marine hazards (max 1000 chars)*

Basic info	
Surface	
Population	
Population benefiting from oil spills and other marine hazards pilot activities	

Brief description of implemented pilot activity

*Description of pilot activity (type of pilot activity- oil spills/marine hazards, short description of pilot activity, number of participants and equipment used (max 500 chars)*

Pilot Team composition

*Brief description of the team composition who participated in the implementation of pilot activity (max 500 chars)*

Number of Civil Protection volunteers and professionals participated in pilot activity implementation

Outputs of pilot activity (please mark implemented pilot activity in relation to Activity 4.3.1. deliverables)

*(max 500 chars)*

Deliverable	Number of deliverables
<input type="checkbox"/> n° 1 Methodology/guidelines for risk assessment for oil spills in the Adriatic Sea developed (PP4)	

<input type="checkbox"/> n° 1 Oil spill operational prototype and hazard mapping capacities developed (PP9)	
<input type="checkbox"/> n° 2 Enhanced simulation models for oils spills and other marine hazards (PP9, PP11)	
<input type="checkbox"/> n° 5 Specialized exercises implemented (with usage of personal protective equipment and specialized equipment floating booms, boats, drones.) (1 exercise per PP)	

Were there any deviations in the implementation of the pilot project activities (pre post pilot benchmark). If so, please briefly describe the problems you encountered and the steps you had to take to solve them for the successful implementation of the pilot activity.

*(max 500 chars)*

In what way did the implemented pilot activities contribute to the improvement of resilience of the involved territory to a specific hazard (fire/maritime hazard)?

*(max 500 chars)*

What is the CBC effect of undertaken pilot activities? Are the results of pilot activities transferable to CB territories?

*(max 500 chars)*

Sustainability of pilot deliverables (How will the sustainability of deliverables be ensured/ governance model)

(max 500 chars)

**PP11 - ENVIRONMENTAL PROTECTION AGENCY OF FRIULI VENEZIA GIULIA**

**Geographical area**

*Brief description of involved area and its substance in terms of oil spills and other marine hazards (max 1000 chars)*

Basic info	
Surface	
Population	
Population benefiting from oil spills and other marine hazards pilot activities	

**Brief description of implemented pilot activity**



*Description of pilot activity (type of pilot activity- oil spills/marine hazards, short description of pilot activity, number of participants and equipment used (max 500 chars)*

**Pilot Team composition**

*Brief description of the team composition who participated in the implementation of pilot activity (max 500 chars)*

Number of Civil Protection volunteers and professionals participated in pilot activity implementation

**Outputs of pilot activity (please mark implemented pilot activity in relation to Activity 4.3.1. deliverables)**

*(max 500 chars)*

Deliverable	Number of deliverables
<input type="checkbox"/> n° 1 Methodology/guidelines for risk assessment for oil spills in the Adriatic Sea developed (PP4)	

<input type="checkbox"/> n° 1 Oil spill operational prototype and hazard mapping capacities developed (PP9)	
<input type="checkbox"/> n° 2 Enhanced simulation models for oils spills and other marine hazards (PP9, PP11)	
<input type="checkbox"/> n° 5 Specialized exercises implemented (with usage of personal protective equipment and specialized equipment floating booms, boats, drones.) (1 exercise per PP)	

Were there any deviations in the implementation of the pilot project activities (pre post pilot benchmark). If so, please briefly describe the problems you encountered and the steps you had to take to solve them for the successful implementation of the pilot activity.

*(max 500 chars)*

In what way did the implemented pilot activities contribute to the improvement of resilience of the involved territory to a specific hazard (fire/maritime hazard)?

*(max 500 chars)*

What is the CBC effect of undertaken pilot activities? Are the results of pilot activities transferable to CB territories?

*(max 500 chars)*

Sustainability of pilot deliverables (How will the sustainability of deliverables be ensured/ governance model)

(max 500 chars)

**TF-3 ESTABLISHMENT OF ADVANCED TRAINING CENTRES FOR CIVIL PROTECTION- EVALUATION**

**PP 3 – DUBROVNIK- NERETVA COUNTY**

<b>Geographical area</b>
<i>Brief description of involved area in pilot activities and its substance in terms of Fire Risk and Seismic Risks (max 1000 chars)</i>

Basic info	
Surface	
Population	
Population benefiting from pilot activity	

<b>Brief description of implemented pilot activity</b>
<i>Description of infrastructure (short description of pilot activity and its purpose- infrastructure, equipment) (max 500 chars)</i>

**Pilot Team composition**

*Brief description of the team composition who participated in the implementation of pilot activity (max 500 chars)*

**Outputs of pilot activity achieved (please mark implemented pilot activity in relation to the Activity 4.4.)**

*(max 500 chars)*

Deliverable	Number of deliverables
<input type="checkbox"/> D.4.4.1. Investment preparation package realized. Technical documents, permissions and other documents that are necessary for the realization of pilot projects that include small scale infrastructure investments. (3 sets of documents, 1 set per each investment). (PP13)	
<input type="checkbox"/> D.4.4.2.	

<p>n° 1 Realized investment of new infrastructure: Advanced training center for firefighting and civil protection in Split- Dalmatia County (Vučevica) (PP13)</p>	
<p><input type="checkbox"/> D.4.4.3. n° 1 Realized investment of new infrastructure: Outpost of Advanced training center for firefighting and civil protection in Dubrovnik- Neretva County (Kula Norinska) (PP3)</p>	
<p><input type="checkbox"/> D.4.4.4. n° 1 Realized investment of the restructuring of existing infrastructure: Advanced training center of Fabriano Belvedere in Marche region (PP6)</p>	

Were there any deviations in the implementation of the pilot project activities (pre post pilot benchmark). If so, please briefly describe the problems you encountered and the steps you had to take to solve them for the successful implementation of the pilot activity.

*(max 500 chars)*

In what way did the implemented pilot activities contribute to the improvement of resilience of the involved territory to a specific hazard (fire/earthquake hazard)?

*(max 500 chars)*

What is the CBC effect of undertaken pilot activities? Are the results of pilot activities transferable to CB territories?

*(max 500 chars)*

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Sustainability of pilot deliverables (How will the sustainability of deliverables be ensured/ governance model)

*(max 500 chars)*

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### PP 6 – MARCHE REGION

Geographical area

*Brief description of involved area in pilot activities and its substance in terms of Fire Risk and Seismic Risks (max 1000 chars)*

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Basic info	
Surface	
Population	
Population benefiting from pilot activity	

**Brief description of implemented pilot activity**

*Description of infrastructure (short description of pilot activity and its purpose- infrastructure, equipment) (max 500 chars)*

**Pilot Team composition**

*Brief description of the team composition who participated in the implementation of pilot activity (max 500 chars)*

**Outputs of pilot activity achieved (please mark implemented pilot activity in relation to the Activity 4.4.)**

*(max 500 chars)*

<b>Deliverable</b>	<b>Number of deliverables</b>
<input type="checkbox"/> D.4.4.1. Investment preparation package realized. Technical documents, permissions and other documents that are necessary for the realization of pilot projects that include small scale infrastructure investments. (3 sets of documents, 1 set per each investment). (PP13)	



<input type="checkbox"/> D.4.4.2. n° 1 Realized investment of new infrastructure: Advanced training center for firefighting and civil protection in Split- Dalmatia County (Vučevica) (PP13)	
<input type="checkbox"/> D.4.4.3. n° 1 Realized investment of new infrastructure: Outpost of Advanced training center for firefighting and civil protection in Dubrovnik- Neretva County (Kula Norinska) (PP3)	
<input type="checkbox"/> D.4.4.4. n° 1 Realized investment of the restructuring of existing infrastructure: Advanced training center of Fabriano Belvedere in Marche region (PP6)	

Were there any deviations in the implementation of the pilot project activities (pre post pilot benchmark). If so, please briefly describe the problems you encountered and the steps you had to take to solve them for the successful implementation of the pilot activity.

*(max 500 chars)*

In what way did the implemented pilot activities contribute to the improvement of resilience of the involved territory to a specific hazard (fire/earthquake hazard)?

*(max 500 chars)*

What is the CBC effect of undertaken pilot activities? Are the results of pilot activities transferable to CB territories?

*(max 500 chars)*

Sustainability of pilot deliverables (How will the sustainability of deliverables be ensured/ governance model)

*(max 500 chars)*

**PP 13 – SPLIT- DALMATIA COUNTY**

Geographical area

*Brief description of involved area in pilot activities and its substance in terms of Fire Risk and Seismic Risks (max 1000 chars)*

Basic info	
Surface	
Population	

Population benefiting from pilot activity	
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**Brief description of implemented pilot activity**

*Description of infrastructure (short description of pilot activity and its purpose- infrastructure, equipment) (max 500 chars)*

**Pilot Team composition**

*Brief description of the team composition who participated in the implementation of pilot activity (max 500 chars)*

**Outputs of pilot activity achieved (please mark implemented pilot activity in relation to the Activity 4.4.)**

*(max 500 chars)*

Deliverable	Number of deliverables
<input type="checkbox"/> D.4.4.1. Investment preparation package realized. Technical documents,	

<p>permissions and other documents that are necessary for the realization of pilot projects that include small scale infrastructure investments. (3 sets of documents, 1 set per each investment). (PP13)</p>	
<p><input type="checkbox"/> D.4.4.2. n° 1 Realized investment of new infrastructure: Advanced training center for firefighting and civil protection in Split- Dalmatia County (Vučevica) (PP13)</p>	
<p><input type="checkbox"/> D.4.4.3. n° 1 Realized investment of new infrastructure: Outpost of Advanced training center for firefighting and civil protection in Dubrovnik- Neretva County (Kula Norinska) (PP3)</p>	
<p><input type="checkbox"/> D.4.4.4. n° 1 Realized investment of the restructuring of existing infrastructure: Advanced training canter of Fabriano Belvedere in Marche region (PP6)</p>	

Were there any deviations in the implementation of the pilot project activities (pre post pilot benchmark). If so, please briefly describe the problems you encountered and the steps you had to take to solve them for the successful implementation of the pilot activity.

*(max 500 chars)*

In what way did the implemented pilot activities contribute to the improvement of resilience of the involved territory to a specific hazard (fire/earthquake hazard)?

*(max 500 chars)*

What is the CBC effect of undertaken pilot activities? Are the results of pilot activities transferable to CB territories?

*(max 500 chars)*

Sustainability of pilot deliverables (How will the sustainability of deliverables be ensured/ governance model)

*(max 500 chars)*