D.5.3.1 - Program for specific training module
Teaching plan & lessons'calendar

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1 COURSE AND ITS LESSON PLAN

Course is comprised of theoretical lessons and practical exercises and simulations concerning the behaviors to be followed during emergencies from natural hazards, such as forest fires and earthquakes, and the use of the Telegram social media as a communication channel with Civil Protection operators during and after an emergency.

The course is divided into 4 theoretical and practical lessons and lasts with the proactive participation in a simulation / exercise, which also includes the use of a mobile satellite IP center to activate an emergency wireless internet network.

Module	Theoretical lesson	Practical lesson
A	The types of natural risk	The bot-Telegram tool
B	What to do in case of forest fire	simulation of a forest fire using Telegram as communication channel
C	What to do in case of an earthquake	simulation of a seismic event using Telegram as communication channel
D		Community level simulation / exercise

1.1 Module A - The types of natural risk & The bot-Telegram tool

The Module A aims, on the one hand at introducing the nature and mechanisms of activation of natural hazards and their predictability, on the other at illustrating the Telegram Bot tool and explain how it works.

1.1.1 Types of natural hazards

The types of risk taken into consideration by the lesson that aims at illustrating and explaining the nature, mechanics and predictability of:

- Forest fire
- Earthquake

The two risks will be introduced respectively by the videos:

https://www.youtube.com/watch?v=EU5MqNkTa4s for the Earthquake;

https://www.youtube.com/watch?v=-zL1aUrvoUM for the forest fire

and each analyzed in an open discussion between the teachers and the participating students.

1.1.2 The bot-Telegram tool

Theoretical / practical lesson on the Telegram Bot APP with the aim of introducing students to the App and get them familiar with its use during an emergency.

1.2 Module B - What to do in case of forest fire & Using Telegram during a Forest Fire

The Module B aims, on the one hand, at illustrating the proactive behavior that a citizen has to adopt in case of his involvement in a forest fire to protect himself and to aid to other involved or in danger people, on the other to support Civil Protection operators in fighting the fire through the use of Telegram as a communication channel.

1.2.1 What to do in case of forest fire

The behavior that a citizen has to adopt in case of his involvement in a forest fire will be introduced by the videos:
https://www.youtube.com/watch?v=RcBVyOneJzA
https://www.youtube.com/watch?v=HUGF8fgWA0M
and analyzed and discussed in an open discussion between the teacher and the attendees.

1.2.2 Using Telegram during a Forest Fire

Simulation / exercise of correct communication between citizens involved in a forest fire and Civil Protection operators using Telegram Bot

1.3 Module C - What to do in case of an earthquake & Using Telegram during an earthquake

The Module C aims, on the one hand, at illustrating the proactive behavior that a citizen has to adopt in case of his involvement in an earthquake to protect himself and to aid the involved or in danger people, on the other to support Civil Protection operators in rescuing earthquake victims through the use of Telegram as a communication channel.

1.3.1 What to do in case of an earthquake

The behavior that a citizen has to adopt in case of his involvement in an earthquake will be introduced by the video:

https://www.youtube.com/watch?v=KnHNxw35-yE

and analyzed and discussed in an open discussion between the teacher and the attendees.

1.3.2 Using Telegram just after an earthquake

Simulation / exercise of correct communication between citizens and Civil Protection operators using Telegram Bot during rescue operations after an earthquake.

1.4 Module D - Community level final simulation / exercise

Module D aims at verifying the level of cooperation among members of the Closed Telegram Group and Civil Protection operators in the use of the Telegram social media as a communication channel during a Forest Fire or after an Earthquake's emergency.

1.4.1 Implementation's methods

A detailed description of the exercise, as "DOCUMENTO D'IMPIANTO ESERCITAZIONE DI PROTEZIONE CIVILE" will be developed by the AVCP, responsible of this training plan's implementation, divided as follows:

- Simulation goal
- Simulation scenario
- Exercise - activities

2 LESSONS'CALENDAR

Module	Lesson	Title	Duration	date
A	*Theor*	The types of natural risk	1 Hour	12-19/02/22
	Pract	The bot-Telegram tool	1 Hour	
B	*Theor*	What to do in case of forest fire	1 Hour	12-19/03/22
	Pract	simulation of a forest fire using Telegram as communication channel	2 Hour	
C	*Theor*	What to do in case of an earthquake	1 Hour	9-23/04/22
	Pract	simulation of a seismic event using Telegram as communication channel	2 Hour	
E	*Pract*	Community level simulation / exercise	2 Hour	14-21/05/22