

## **PROJECT DEVELOPMENT OF SPRINT -2**

Date	01-NOVEMBER-2022
Team ID	PNT2022TMID43446
Topic Name	Natural Disasters Intensity Analysis and Classification using Artificial Intelligence

### **ASSIST**

- The ASSIST research project (in Italian, ASSIST is the acronym of ‘Ammodernamento delle Structure Sanitarie con il supporto di Indicatori Situazionali Tecnico-economici’). The ASSIST research project aimed to assess the physical environment of existing hospital facilities of the Friuli Venezia Giulia region (North-East of Italy). The goal of the ASSIST

### **ARMONIA**

- The ARMONIA project aims to tighten collaboration between the civil protection institutions for risk prevention. Through the use of innovative methodologies, it develops a trans-frontier strategy in the management of natural disasters. The development of common protocols allows joint planning and implementation of harmonize actions to accelerate and facilitate the Strom.

### **SERM Academy**

- The SERM Academy is an international training school concerning the seismic response management. SERM Academy aims at strengthening an integrated system for the seismic emergency management and at improving the cross-border interoperability among civil protection actors. On May, 7, 2016 the Friuli Venezia Giulia Region, the Regional Civil Protection.

### **Manual and Vademecum STOP**

- STOP: a decision support tool for post-seismic provisional works. The acronym STOP stands for technical fact-sheets for provisional works (in Italian “Schede Tecniche per le Opere Provvisionali”). In the emergency phase following the earthquake of 6th April 2009 in L’Aquila, many damaged buildings needed provisional works.

## **LabCUBE EGRESS**

- LabCUBEegress is an experimental laboratory conceived and designed in order to study people's movement and behaviour during egress situations. It is composed by several cubes with a flexible layout and this allows designing at small scale horizontal parts of an egress system. Thanks to its portability LabCUBEegress .

## **ASSESS**

- ASSESS project: Analysis of the Seismic ScEnarios of the School buildings for a definition of retrofiting priorities for Seismic risk reduction. UNESCO defined the ASSESS project as “a very good example for decision making process around the world for assessing and implementing measures leading to school safety”, and it asked.

## **SEISMIC RECLASSIFICATION OF THE REGION OF FRIULI VENEZIA GIULIA**

- The proposed reclassification seismic territory of the region Friuli Venezia Giulia is aimed at identifying, training and updating of seismic zones of the region as required by the Ordinance 3274/03. The seismic reclassification proposal has been developed jointly by the University of Udine, Trieste and OGS already achievers of Storm.