



before IMMEDIATELY tomorrow

# EXPERIENCE AN EARTHQUAKE

## The Italian Civil Protection brings the Earthquake Simulation Platform to Brussels

The Italian Civil Protection brings an Earthquake Simulator as part of the EU Civil Protection Forum "Towards a more resilient society" in Brussels. It is possible to live a real earthquake experience on the Platform.

The Earthquake Simulator reproduces the effects of the earthquake that has so dramatically shaken the city of L'Aquila on 6 April.

An exhibition also shows a collection of snapshots taken shortly after the quake and some videos showing the rescue and search operations and some other interventions of the Civil Protection.

A part of the exhibition is devoted to the C.A.S.E. project, Seismically Isolated and Eco-sustainable Houses for people who lost their homes due to the earthquake.

The Earthquake Simulator is a sophisticated device that can reproduce what happens during an earthquake if we are either on the street, or inside a normal anti-seismic building or inside a seismically isolated building. A furnished room reproduces the effects of earthquakes on common household objects.

The simulator makes it easy to understand:

- \* What is an earthquake, seen as a sequence of rapid movements of the ground;
- \* How during an earthquake the movements of a structure are amplified, both in amplitude and in length, in comparison with the movements of the ground;
- \* What are the benefits granted to people and objects by seismically isolating structures.

An improved knowledge of the earthquake increases awareness and helps keeping panic under control. The experience of the Earthquake Simulator is a step forward towards prevention.

The Earthquake Simulator and the related exhibition will start on 25 November and will be open to the public until 5 December (9 am – 6 pm) in **Rond Point Schuman, Brussels.**

More information is available on  
[www.civilprotectionforum.eu](http://www.civilprotectionforum.eu)  
[www.protezionecivile.it](http://www.protezionecivile.it)



25 november - 5 december 2009  
Round Point Schuman

Brussels

