



# IRONORE2019

Layman's Report as of 31 October 2019



## LAYMAN'S REPORT II

The aim of the IRONORE2019 exercise is to strengthen the preparedness of response to an earthquake disaster within Austria in an alpine area, including training of interoperability of UCP capacities, the procedures to activate the UCP Mechanism, communication with ERCC as well as to exercise the Austrian Host Nation Support.


# Project Fact Sheet

Name: Ironore2019  
 Call: UCPM-2018-EX-AG  
 Type of Action: UCPM-INT-AG  
 Project start: 1<sup>st</sup> January 2019  
 Project end: 30<sup>th</sup> June 2019







Co-funded by  
 European Union  
 Civil Protection




## Project-Lead:

	<p><b>Austrian Red Cross Headquarters</b>          Operations and International Cooperation          1041 Vienna, Wiedner Hauptstrasse32  <a href="http://www.rotekreuz.at/i18n/en">www.rotekreuz.at/i18n/en</a>          f <a href="https://www.facebook.com/Ironore2019">www.facebook.com/Ironore2019</a>          ✉ <a href="mailto:ironore2019@rotekreuz.at">ironore2019@rotekreuz.at</a>          t <a href="https://www.twitter.com/ironore2019">www.twitter.com/ironore2019</a></p>
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## Partner:

	<p><b>Austrian Red Cross Styria Branch</b>          8010 Graz, Merangasse 26  <a href="http://www.rotekreuz.at/i18n/en">www.rotekreuz.at/i18n/en</a></p>
	<p><b>Hungarian Red Cross Headquarters</b>          1051 Budapest Arany János utca 31  <a href="http://voroskereszt.hu/en">voroskereszt.hu/en</a></p>
	<p><b>Fundacja Ihelp Institute</b>          04-691 Warszawa, Wapienna 2S  <a href="http://www.ihelp.pl">www.ihelp.pl</a></p>
	<p><b>Disaster Competence Network Austria</b>          1180 Vienna, Gregor-Mendel-Straße 33  <a href="http://www.dcn.at">www.dcn.at</a></p>

## Related:

	<p><b>DG ECHO</b>  <a href="http://www.ec.europa.eu/echo/index_en">www.ec.europa.eu/echo/index_en</a></p>
	<p><b>Driver+</b>  <a href="http://www.driver-project.eu/">www.driver-project.eu/</a></p>
	<p><b>XVRSIM</b>  <a href="http://www.xvrsim.com/en/">www.xvrsim.com/en/</a></p>



## Project IRONORE2019

**Around 40 minor earthquakes occur in Austria per year and looking back into the historic data also heavy shakes with a magnitude 7+ on Richter scale are possible.**

The main purpose of IRONORE 2019 is to test the understanding and response in the framework of the European Civil Protection Mechanism.

The focus of these exercises will be placed on development of response starting with local response, request of assistance and opening the European Civil Protection Mechanism, receiving international assistance (EU modules, other response capacities and a UCP team), train host nation support and embed incoming assistance into the Austrian response system.

### Innovative tools

A social media simulation tool and an information-system of Styrian government's alarm centre will be used to train communication and interoperability.

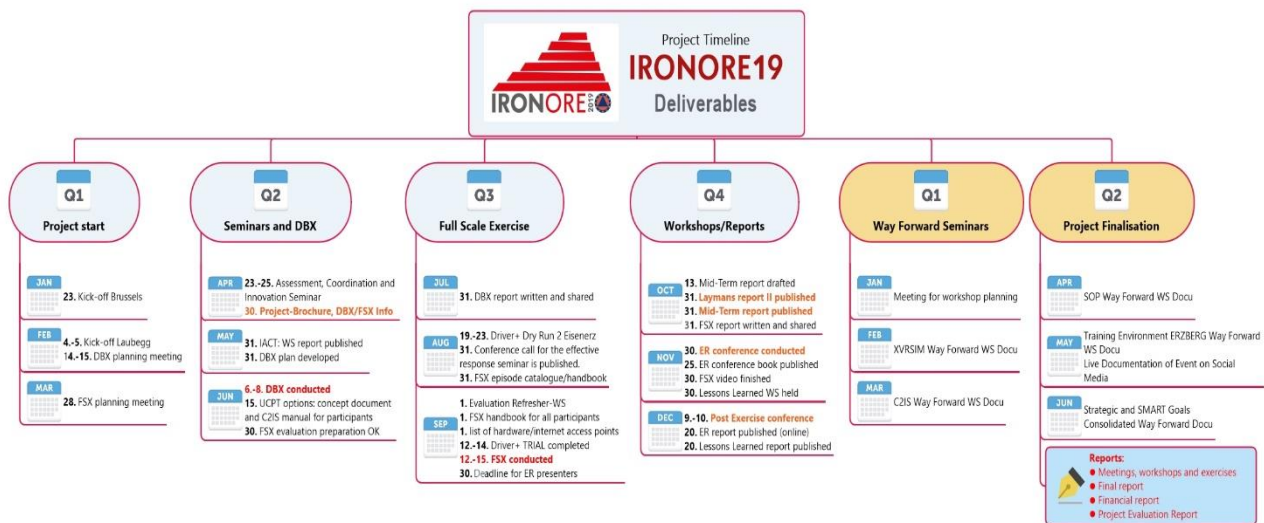
The exercises give a learning opportunity to train mobilisation, interoperability and serving / receiving international assistance following the Mechanism procedure.

### DBX, FSX, Workshops and Seminars

In a **DBX** (Discussion based exercise, to simulate the first day of the disaster response) and an **FSX** (Full Scale Exercise in September) the UCP mechanism will be trained.

The key findings will have influence in the setup of the following workshops.





## Project Management:

The objective of this work package (WP) is to ensure the successful management of the project (including the exercises), establishing a continuous monitoring, ensure the quality management of the general project as well as the planned exercises and workshops and the reporting to the European Commission.

The project has a duration of 18 month, from January 2019 until June 2010.

Therefore, the project Management Cycle was divided in 6 parts of three months:

- (Virtual Reality, C2IS, Social Media Simulation) to support the DBX training impact
- To implement and test SOPs and activities related
- to on site assessment and humanitarian needs assessment
- To improve knowledge and skills of participants
- related to on site assessments and humanitarian assessments
- To deploy innovative ICT solutions (XVR, C2IS) in decision making during a discussion based exercise
- To introduce new methodologies into preliminary assessment including vulnerability and capacity assessment

## The first half-term of the project IO19

- Establishing the project coordination and communication, conducting the workshops and preparation of DBX and FSX were the highlights of the first project term.
- The DBX was a very new approach for most of the participants but the result was as expected, the teams and modules could prepare themselves for the upcoming “mission”.
- The implementation of AI and VR in the trainings was very well accepted and led to new approaches in the planning of a possible deployment, especially to a good understanding of the processes at the setup of basecamps for multinational teams and modules.
- Another important achievement was the clarification of HNS, mainly provided by Austrian Red Cross for the incoming relief teams, but based on understanding of the HNS system, described in the EU HNS guideline.

The heavy snowfall in January and February in Eisenerz made it necessary to ask the Commission for an amendment for the deliverable “construction measures catalogue” but the constructions for the USAR sites could be finished in an impressive way.



## FULL SCALE EXERCISE

12<sup>th</sup>–15<sup>th</sup> September 2019, Erzberg

### Goals:

- To strengthen the capabilities to receive international assistance and effectively organise and coordinate consequence management operations involving international intervention teams
- To test the intervention of a UCPT on site with systematically fixed objectives
- To enhance operational cooperation between involved parties;
- To test solutions developed in the research project DRIVER+
- To train the social media processes for all participating parties by using a social media simulation tool (XVR)
- The FSX planning and preparation was also a very complex part of the work-package C.

The FSX was participants driven, that means, the timeline was not according to a script, but depending on the progress of the rescue work of the teams. Within three days of mission realistic full-scale exercise more than 30 scenarios were prepared. Highlights were:

- Bus accident
- Collapsed house in Vordernberg
- Landslide of an off-road camp
- USAR site museum
- 2 railway accidents
- Chemical incidents
- Fire in a tunnel after a car crash



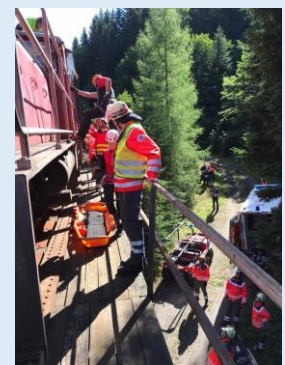
### FSX Key Facts:

- 30 FSX scenarios
- 400 Red Cross members
- 1,000 participants
- 70 emergency vehicles
- 18 ambulances
- 1 helicopter
- 3 drones



### Locations:

- Eisenerz
- Leoben
- St. Michael
- Trofaiach
- Vordernberg



### FSX Partner:

- Red Cross of Styria
- Hungary
- Bavaria
- Fire Service
- Police
- Government Styria
- District Leoben
- Austrian Army
- Mountain rescue
- Cave rescue



## FSX impressions



Appel TAST, Romania



EUCP Team



MUSAR, Slovenia



Hungarian Water Aid, Hungary



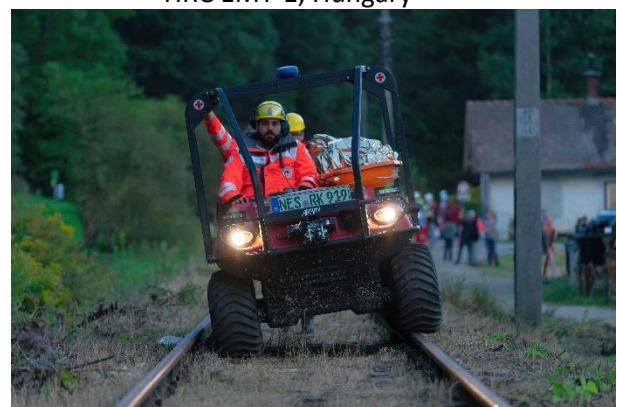
JUH EMT-1, Germany



HRC EMT-1, Hungary



Henri.FM radio, Austria



GILT-Bavaria, Germany

## The second half-term of the project IO19

Main objectives of the second term of the project are the lessons learned processes, workshops and two seminars.

### Lessons learned processes

- one lessons learned workshop in Sopron, Hungary
- Post Exercise Discussion in Vienna, Austria

### Effective Response Seminar

On 15. November 2019 the “Effective Response” seminar will take place in Sopron, Hungary. The report will be published online.

### Workshops

After the FSX there will be held a workshop for lessons learned and a post exercise discussion. In 2020 a series of “Way Forward” workshops will highlight the following topics:

#### Way forward workshops

- XVRSIM Way Forward Workshop
- C2IS Way Forward Workshop
- SOP Way Forward Workshop
- Training Environment Erzberg Way Forward Workshop
- Strategic and SMART Goals Consolidated Way Forward

### Civil Protection Seminar

From 14. to 15. May a Civil Protection Seminar will be organised in Laubegg, Styria.

This event will be documented live on Social Media and a seminar compendium (in pdf form) will be edited.

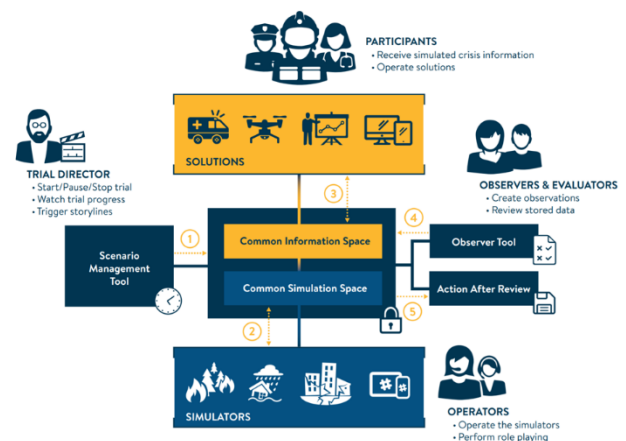
## Reporting

- The project will be monitored and evaluated continuously by DCNA.
- A project evaluation report, a final report and a financial report will close the project cycle.
- **Reporting:**
  - Meetings, workshops and exercises
  - Final report
  - Financial report
  - Project Evaluation Report



### Driver+ project

At the same time, a trial for the Driver+ project will be the real test environment for five selected solutions aiming to enhance the implementation of the newest technologies in the world of disaster relief.



## Project IO19 partners:



## Project IO19 FSX participants:



## Project IO19 financing:



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Civil Protection

The project IRONORE2019 is based on a grant agreement with the European Union, DG ECHO, concerning the Civil Protection project number **–828918–UCPM-2017-PP-AG**. This project has a co-financing rate of 85 % and a duration of 18 month. This financing enables the coordinator and his partners to: Planning, development and conduct of a Union Civil Protection Exercise project to improve the response to an earthquake including international assistance from the Union Civil Protection Mechanism, Host Nation Support and with innovative virtual reality simulations.



### Imprint:

AUSTRIAN RED CROSS, HEADQUARTERS  
Operations and International Cooperation  
1040 Vienna, Wiedner Hauptstraße 32  
Austria | ZVR: 432857691  
[www.rotekreuz.at](http://www.rotekreuz.at)