



The lead-in scenario
for the EADRCC consequence management field exercise
“UKRAINE 2015”

On 20 September 2015, at 5:00 AM, a sulfur mine collapsed in the western Ukraine, close to Yavoriv town, Lviv Oblast (region). The mine collapse has been caused by the explosion of a gas-air mixture at a depth of about 300m.

Five miners suffered severe burns and fifty miners have been trapped underground.

Additionally, the mine collapse generated strong localized seismic waves that destroyed several residential buildings and elements of critical infrastructures.

Some populated areas remain without access to public services, since the tremor has severely damaged electricity and communication lines, a gas pipeline, railways and main roads.

Consequently, a major road accident occurred on the highway Kyiv-Chop, with tens of casualties. During the extrication operations, rescuers found a possible radiation source in one of the cars involved in the accident.

The national response capabilities are overstretched and the national health care system is backlogged, with the hospitals working at maximum capacity.

The situation is further aggravating when significant quantities of toxic industrial chemicals are released after a technological accident in one of the chemical factories near the town of Yavoriv.