

Toward an integrated, joint cross-border detection system and harmonized rapid responses procedures to chemical, biological, radiological and nuclear emergencies
MIS-ETC Code: 774

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During the period April 27th - 30th, 2015, the joint exercise with in-field forces took place in Giurgiu and the parties involved were the General Inspectorate for Emergency Situations from Romania (GIES), the General Directorate For Safety During Fires And Civil Protection from Bulgaria (DGFSCP), partners within EMERSYS project, along with Horia Hulubei National Institute for Research and Development in Physics and Nuclear Engineering (IFIN-HH) from Romania - Project Leader and the Institute for Nuclear Research and Nuclear Energy (INRNE) from Bulgaria.

On this occasion, on April 28th, 2015, at the premises of "Vlasca" Inspectorate for Emergency Situation in Giurgiu County, a press conference was held in which local and national press representatives of the two countries participated.



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The theme of the exercise carried out on April 29th, 2015 consisted in organising and conducting the joint intervention with forces and means belonging to the General Inspectorate for Emergency Situations from Romania, Horia Hulubei National Institute for Research and Development in Physics and Nuclear Engineering from Romania (IFIN-HH) and to the General Directorate For Fire Safety And Civil Protection from Bulgaria in order to mitigate the effects of emergency situations caused by the occurrence of transport accidents involving industrial and radiological chemical substances at the border between the two states.

The exercise's objectives were:

- to develop work skill in the cooperation between GIES and DGFSCP, namely the structures authorised in providing response in case of CBRN events;
- to check the viability of the Joint Intervention Plan and of the related procedures;
- to improve the joint work skills of the intervention structures' personnel;
- to harmonise the training of the intervention struc-

tures' personnel;

- to check the way in which intra- and inter-institutional collaboration is achieved and maintained in order to manage the situations created via scenario;
- to evaluate the stage of personnel's training with responsibilities within GIES and DGFSCP in case of emergency situations caused by a CBRN event.

Within the exercise, joint intervention and structures interoperability have been simulated in two complex tactical situations, represented by a car accident with toxic industrial emissions (dimethyl hydrazine) and an accident involving nuclear materials (iodine-131), providing first aid to the victims involved in the accidents and decontamination of the affected areas, in the shortest time possible, because there is the danger for the hypothetical contaminated cloud to reach the territory of Bulgaria, in Ruse locality area.

"With this exercise, we would like to test the way in which we cooperate, act in common and the way in which we make joint decisions, provide the informational flow and act for the benefit of the citizen", declared the exer-



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cise's director, Colonel Claudiu Bratu, from GIES, Bucharest.

120 people and 39 different technical equipment participated in the exercise. "At 09.00, a chemical event occurs in Giurgiu Free Zone. In this context, the implementation of research, decontamination and intervention measures is required for the benefit of the personnel and of those affected by this event, and therefore the joint intervention of structures from Romania and Bulgaria", added Colonel Bratu. Then, at 12.00, in the vicinity of the Romanian-Bulgarian border, again theoretically, another accident will occur, involving a vehicle with a special load. The road event results in the emission in the air of a significant quantity of radioactive material. In this context, the Department for Interventions and Special Actions (SIAS) within the General Inspectorate of Romanian Police and the General Inspectorate of Romanian Gendarmerie also participated in the exercise.

The exercise has been carried out in good conditions and the lessons learned are disseminated and applied within operative structure.



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Editor of the material: Horia Hulubei National Institute of Physics and Nuclear Engineering (IFIN-HH)

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