

COMPREHENSIVE REVIEW OF CHEMICAL SAFETY AND SECURITY IN UKRAINE (WITHIN THE CONTEXT OF THE INTEGRATED CHEMICAL SAFETY AND SECURITY PROGRAM IN UKRAINE)

Summary: Enhancing Ukrainian and international co-operation in the prevention, preparedness and response to misuse of toxic chemicals and attacks against chemical installations and transportation of chemicals and protection of critical infrastructure and enhancing chemical safety and security, and promotion of UNSCR 1540 implementation at the national and regional level

Background/description:

The threats and risks of unauthorized use of chemicals or attacks against chemical installations pose a serious challenge to security, economy, health and environment in Ukraine. The concern is that the unstable security situation especially increases the threats of misuse of toxic chemicals and attacks against chemical plants, transportation of dangerous goods and energy carriers.

The international community should enhance their co-operation and coordinate efforts to tackle problems related to the deliberate releases of toxic chemicals and develop prevention measures against possible attacks on chemical installations and introduce effective measures to enhance chemical safety and security in peaceful uses of chemistry in Ukraine. It should promote venues for knowledge and trade exchange, co-operation and technical assistance.

Scope: The Comprehensive Review will include several clusters each focusing on a specific set of measures to be reviewed, in five stages. Elements to be surveyed include:

- a. General overview of manufacturing and utilization of chemicals by the national economies;
- b. Chemical security in the chemicals manufacturing sector – chemical and pharmaceutical industries;
- c. Practice of transportation, usage and storage of chemicals in other sectors of national economy;
- d. Usage of chemicals in education process and for the scientific and research purposes;
- e. Response to emergency situations caused by chemicals;
- f. Customs and State border controls of cross-border transit of dangerous chemicals;
- g. Prevention of manufacturing and proliferation of narcotic substances;
- h. Implementation of international obligations by the Ukrainian State regarding chemical security;
- i. Improvement of the national legislation in chemical security domain and its harmonization with international provisions and effective practices;
- j. Assessment of the system of control of chemical pollution of environment;
- k. Evaluation of the Government – private sector – civil society partnerships;
- l. International co-operation and technical assistance.

LOCAL AWARENESS AND RESPONSIBILITY IN CHEMICAL SAFETY AND SECURITY WITHIN INTEGRATED CHEMICAL SAFETY AND SECURITY PROGRAM (ICSSP) IN UKRAINE

SUMMARY:

The increased safety and security of chemical activity at the local level in Ukraine had been identified not only as a priority in ICSSP implementation, but also as part of the Ukrainian decentralization efforts. The initiative to create the nation-wide program “Local Awareness and Responsibility in Chemical Safety and Security in Ukraine” aims to support local governments and actors in meeting the challenges posed by the increasing use of chemicals and easing access to hazardous substances at the local level by the introduction of chemical safety and security culture in Ukraine. In particular, it deals with the challenges posed by the production, storage, usage and transport of dangerous goods (chemicals, energy carriers and waste), through extensive and continuous training of relevant personnel, local authorities, first responders, as well as the users of hazardous substances, private entities and civil society representatives.

BACKGROUND/DESCRIPTION: The main assumption of the initiative is that traditional methods of emergency response are no longer adequate to meet the new challenges posed by chemical failures and disasters, whether they be from natural causes or human activity. Meeting the potential risks associated with activities in the field of hazardous substances requires the community involvement of all stakeholders, including the government, private sector, industry, civil society organizations and media. Local communities should be knowledgeable about all activities related to hazardous substances in their environs and participate in dialogue on the requirements and resources needed to counter potential threats and minimize potential losses. Today's challenges require instituting chemical safety and security culture.

The project concentrates on creating continued international training and awareness scheme for Ukrainian participants/trainers who are responsible for managing the chemical activity or responding to the threats associated with it. The program is intended to promote the goals of the UNSCR 1540 and the Chemical Weapons Convention, the activities of INTERPOL and other relevant international agencies and treaties.

Scope: The initiative is intended to train up to 500 Ukrainian trainers from the local level including administration, law enforcement, first responders, chemical industry, civil society. The program will provide the participants with necessary know-how on procedures and practices in chemical safety and security and crisis management. Training on the proper techniques and practices in the areas of chemical safety and security crisis management will be offered followed by discussions, table-top exercises and practical demonstrations. The program will improve participant's knowledge and experience in the prevention of, preparedness for and response to a misuse of toxic chemicals, and knowledge of international obligations, especially EU requirements.

The program includes regular trainings and exercises, exchange of experiences and the participation of specialists.

BASIC TRAINING COURSE ON CHEMICAL SAFETY AND SECURITY FOR TRAINERS/PERSONNEL INVOLVED IN TRANSIT OF TOXIC CHEMICALS WITHIN INTEGRATED CHEMICAL SAFETY AND SECURITY PROGRAM (ICSSP) IN UKRAINE

SUMMARY: The training of relevant personnel involved in transit of toxic chemicals has been considered as a priority area for the ICSSP development and implementation as an important condition to introduce effective chemical safety and security of chemical material and associated facilities, storage, transport and use of toxic chemicals. The basic course on chemical safety and security will focus on training trainers/personnel and best practices exchanges and capacity-building to ensure safe and secure transit and transportation of toxic chemicals. The Ukrainian participants of the basic course will be offered training at the Polish training facilities. The conduct of the training will establish a broad group of Ukrainian trainers who will train/educate Ukraine staff engaged in transit and transportation of dangerous goods. The proposed priority will be a first stage in the process followed by a development and building national training centers of excellence for border, customs, first responders, environmental inspectors and law enforcement officers. The leading objective of the proposed priority is to assist Ukraine to implement the provisions of the Association Agreement with the EU in the peaceful uses of chemistry and protection of critical infrastructure.

BACKGROUND/DESCRIPTION: The provision of continued training and establishment of national training system should enhance the co-operation between the international and Ukraine partners and coordinate efforts to tackle problems related to the deliberate releases of toxic chemicals and develop prevention measures against possible attacks on chemical installations and introduce effective measures to enhance chemical safety and security in peaceful uses of chemistry in Ukraine. It should promote venues for knowledge and trade exchange, co-operation and technical assistance. The proposal fulfill national, regional and global priority. Being implemented in Ukraine the proposed approach will be offered to other countries of the Eastern Partnership.

The priority concentrates on creating continued international training scheme for Ukrainian participants/trainers who are, or who will be, associated with the implementation or training in their home countries in the activities by border, customs and transportation officials and operators, including the implementation of the relevant international obligations, including Chemical Weapons Convention and UNSCR 1540 (2004). The course is intended to promote the goals of the UNSCR 1540 and the Chemical Weapons Convention, the activities of INTERPOL and relevant national law enforcement practices and will focus on promoting national capacity-building for safe and secure transportation of toxic chemicals.

Scope:

The basic course is intended to train 500 Ukrainian trainers. The course will provide the participants with necessary know-how on procedures and practices in chemical safety and security. Training on the proper techniques and practices in the areas of chemical safety and security will be offered followed by discussions, table-top exercises and practical demonstrations. The course will improve participant's knowledge and experience in the prevention of, preparedness for and response to a misuse of toxic chemicals, and knowledge of international obligations, especially EU requirements.

The course will involve lectures, presentations and practical training and demonstrations from different national and international agencies engaged in developing and implementing measures to strengthen safety and security among border, customs and transportation officials and operators, as well as representatives from chemical industry and from international organisations capable of providing advice in the areas of facility and transportation security.