



International CBRN
Risk Mitigation Research
Center



Ukraine Chemical Security Forum

«Working together to enhance chemical safety and security»

During the global Chemical Safety and Security Summit accompanied by Global Chemical Safety and Security Fair (www.chemss2016.org)

Kielce, Poland, 19 April, 2016

Executive summary

The Forum is be co-organized by the Organisation for Security and C-operation in Europe (OSCE), the Ukrainian Fire And Technological Safety Union (USPTB), Hygienic Regulation Committee State Sanitary Service, Ukrainian Chemists Union (UCU), the Office for Technical Inspection (UDT) and the International Centre for Chemical Safety and Security (ICCASS), Warsaw, Poland, and in cooperation with the State Border Guard Service of Ukraine and State Fiscal Service of Ukraine.

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 UCSF continues the development and implementation of the Integrated Chemical Safety and Security Program (ICSSP) in Ukraine, by initiating training and best practices exchanges with the Ukraine stakeholders dealing with movement of toxic chemicals, with an emphasis on border guards and customs.

Ukraine Chemical Security Forum (UCSF) aims to enhance chemical safety and security in Ukraine with emphasis on chemical security at local level, small and medium size companies, storage and disposal of toxic chemicals, civil protection, and effective implementation of the relevant international agreements, especially the UN Security Council Resolution 1540 and the Chemical Weapons Convention.

A special attention will be devoted to enhance chemical security of trans-border transit of toxic chemicals through the conduct an international Table Top Exercise: Safe Border, to enhance trans-border cooperation against misuse of toxic chemicals

As a result of the UCSF networks of contacts within the Eastern Europe will be promoted to facilitate the communication and cooperation to reduce threats and mitigate the risks.

UKRAINE CHEMICAL SECURITY FORUM - BUILDING SYNERGIES, PROMOTING NATIONAL CAPACITY AND SHARING BEST PRACTICES EXCHANGES IN UKRAINE AND CENTRAL AND EASTERN EUROPE

I. The rationale behind the Ukraine Chemical Security Forum (UCSF)

1. The development of the Integrated Chemical Safety and Security Program (ICSSP) in Ukraine – Annex 1, including the results of the comprehensive review on chemical security in Ukraine, has proved, that a leading condition of its successful initiation and implementation is an active engagement of all the relevant national and international stakeholders and partners from government, industry, academia, civil society and international organizations. Another important condition is the establishment of a competent staff and training programs to enhance chemical security in the whole chain of chemical activities, with an emphasis on small and medium size companies, transit and storage of toxic chemicals and civil protection. The effective implementation of the relevant international agreements, including the UN Security Council Resolution 1540 and the Chemical Weapons Convention, chemical and environmental conventions, are key factor in introducing effective national chemical safety and security.

2. The UCSF will address all these key factors/requirements. Being organized during a major international gathering on chemical safety and security, the UCSF will bring together the relevant national and international stakeholders.

The conduct of practical activities, including Table Top Exercise “Safe Border” (concept of is presented in Annex 2), demonstrations of best customs practices and equipment, and bilateral discussions, will initiate the implementation of the Integrated Chemical Safety and Security Program (ICSSP) in Ukraine, by initiating training of the relevant stakeholders in Ukraine. The presence of experts on USCR 1540 and CWC, and chemical conventions would further the national implementation of these international obligations.

II. Ukraine Chemical Security Forum objectives

1. The UCSF will promote an integrated approach to chemical safety and security covering the entire cycle of development, production, use, and disposal of chemicals, introduced within the Kenyan program.

2. The UCSF will assist in the development of cooperation and exchange of expertise and national capacities between specialists in the field of chemical security, with emphasis on border, customs, industry and transportation officials from Ukraine and Central and Eastern Europe.

3. The UCSF will assist in the translation of the ICSSP modalities and project proposals into concrete national and regional cooperative activities in order to introduce successful mechanisms against misuse of toxic chemicals.

III. UCSF detailed objectives:

1. To familiarize with the recent developments and risk factors in the chemical activities in Ukraine, including on disposal of toxic chemicals;

2. To explore the benefits of introducing the permanent training and education of the staff within national stakeholders and regional and international organisations in connection with the CWC and UNSCR 1540 implementation in the chemical domain;

3. To bring together and engage experts and representatives from the relevant international organizations, including OPCW, 1540 Committee, UNODA, WHO, EU, NATO, Interpol, WCO, UNICRI,

UNODC, regional organisations, national governments, and industry and academic associations, to support the ICSSP implementation.

4. To familiarise the participants with the equipment available in the market and to educate the participants with various items of equipment and training opportunities in the areas of chemical safety and security.

IV. What are the expected tangible outcomes of the UCSF

1. The UCSF will bring more institutions, organizations and stakeholders to participate in development of chemical safety and security issues in Ukraine. The UFCSS will gather together broad spectrum of Ukraine stakeholders, what will give opportunity to renew commitment of already involved stakeholders as, well as will open opportunity of enrolling new participants. It will promote and initiate the implementation of the Integrated Chemical Safety and Security Program (ICSSP) in Ukraine.

2. By conducting an International Table Top Exercise an interaction will be facilitated among all key Ukraine, Polish and international stakeholders, to enhance information flow and the sharing of experience at national and international levels. Increased information and best-practice sharing among these key stakeholders will enable a more rapid and better informed response in the event of a chemical safety and security border emergency.

3. The UCSF will further develop concepts of the training and education scheme for rising awareness, teaching principles, required training skills and know-how and best practices transfer in areas of chemical safety and security, and will trigger training curricula preparation.

4. The expected result of the UCSF is an increased awareness of participants of the requirements and best practices in CWC implementation, chemical non-proliferation and chemical security, dissemination of training materials, and exchanges on best practices in chemical non-proliferation and chemical security.

V. Relevance of the UCSF to Central and Eastern Europe countries

1. The UCSF is directly devoted to assist developing Central and Eastern Europe countries in building capacities against chemical proliferation and misuse of toxic chemicals.

2. The UCSF will create an opportunity to present the participants from the Central and Eastern Europe countries with the relevant national international and experiences to enhance chemical safety and security and prevent re-emergence of chemical weapons.

VI. Relevance of the UCSF to the activities of international organisations

1. The UCSF responds to activities by international organisations which provide assistance for countries in need for expertise and material and financial support to sound management of toxic chemicals;

2. The UCSF will also create an opportunity for international organisations to support the Integrated Chemical Safety and Security Program (ICSSP) in Ukraine.

3. The UCSF will enable international organisations to join the efforts to promote higher national and industry standards and practices for the safe and secure handling of CBRN agents, including those on preventing their unauthorised access and misuse.

4. By supporting the development of the chemical safety and security in Ukraine, the international organisations will become partners of governments and chemical industry in

exchanging experience and providing adequate responses to ensure safe and secure handling of CBRN agents.

VII. Relevance of the UCSF to the UNSCR 1540 and Chemical Weapons Convention (CWC)

5. The UCSF will assist the development of the concept how to efficiently assist Ukraine and the countries of the region to accomplishing of the goals and provisions of the UNSCR 1540 and Chemical Weapons Convention CWC in relation to the national implementation, assistance and protection against chemical weapons.

6. The UCSF will develop recommendations how to organize the international support from the relevant governments and organisations, providing further capacity building to enhance the implementation of the international obligations, including CWC and UNSCR 1540.

7. The results of the UCSF, as well as the Integrated Chemical Safety and Security Program (ICSSP) development, will be promoted internationally, with an emphasis on the OPCW as a platform for cooperation in chemical safety and security between all the relevant stakeholders.

VIII. Attendance

1. The UCSF is addressed to governmental agencies and laboratories involved in monitoring/supervision of activities in the sphere of national implementation and control of toxic chemicals; national regulatory bodies, and law enforcement, border and customs officials, chemical industry, trade associations, international organizations with responsibilities in peaceful uses of chemistry, chemical emergency response, and incident consequence management, private companies producing state-of-the-art technologies to improve chemical safety and security, independent experts in CBRN security.

Agenda

Ukraine Chemical Security Forum

«Working together to enhance chemical safety and security»

19th April, 2016

Targi Kielce SA, Zakładowa 1, 25-672 Kielce, Poland

11.00 – 13.00

- 11.00 – 11.30** **Welcome and Opening statements by:**
- Amb. Vaidotas Verba, Chair of the Forum**, Head of OSCE Project Coordinating Unit Kyiv
- Mr. Jerzy Szmit**, Deputy Minister, Ministry of Infrastructure and Building
- Mr. Serhyi Shutenko**, Director General, Directorate General for International Security, Ministry of Foreign Affairs of Ukraine
- 11.30 – 12.30** **Session on the status chemical safety and security in Ukraine Integrated Chemical and Safety and Security Program (ICSSP) in Ukraine:**
- Mr. Boris Platkevych**, President of the Ukrainian Fire And Technological Safety Union
- Juley Homutovsky, Konstantin Kozlov**, Hygienic Regulation Committee State Sanitary Service
- Mr. Oleksandr Sadovskyi**, Ukrainian Chemists Union: “The implementation of the Integrated Chemical Safety and Security Program (ICSSP) in Ukraine – comprehensive review of chemical safety and security”
- Amb. Krzysztof Paturej**, ICCSS President of the Board: “Introduction to priority projects within ICCSS; developing international cooperation to support ICSSP implementation”
- 12.30 – 12.45** **Report on the Table Top Exercise “Safe Border”**
Mr. Jan Zralek, Polish Customs
Discussion
- 12.45 – 13.00** **Concluding Session**

INTRODUCTION TO THE INTEGRATED CHEMICAL SAFETY AND SECURITY PROGRAM (ICSSP) IN UKRAINE

I. Goals and objectives

1. The ICSSP will enhance chemical safety and security in Ukraine and to promote collaborative frameworks between Ukraine's partners, OSCE, UNODA and international partners, for an effective and coordinated action to ensure chemical safety and security and the protection of critical infrastructure in Ukraine.
2. The core objective of the ICSSP is to improve Ukraine's capabilities in the prevention of, preparedness for and response to the misuse of chemicals. Effective chemical security can result in a significant increase in the effectiveness of the security of chemical materials and associated facilities and transport. The ICSS Program will lead to the introduction of modern solutions and coordinated approaches to enhance critical infrastructure protection in Ukraine.
3. The ICSSP will enhance the relevant national measures on chemical security, taking into account the requirements of the UNSCR 1540, CWC and/or relevant international treaties, regimes and arrangements.

II. Outline of the Comprehensive Review Of Chemical Safety and Security in Ukraine

1. The comprehensive review of Chemical Safety and Security in Ukraine was a first project within the ICSSP development and implementation. The comprehensive review was conducted by the OSCE Conflict Prevention Centre and group of Ukrainian experts in cooperation with the International Centre for Chemical Safety and Security in Poland (ICSSS), with support of the Ukrainian and Polish governments and financial support of Italy.
2. The Review focuses on areas of chemical safety and security directly in line with Ukraine integration efforts, such as promotion of preventive measures, legislative and regulatory basis, prevention of major accident hazards, management of toxic chemicals, and exchange of good practices and research in this area, among others.
3. The Review identified main causes of problems and drawbacks in ensuring the appropriate level of chemical safety and security in Ukraine. They included insufficient attention of the state to chemical safety and security as an important component of the CBRN safety and security system and national security on the whole. This is confirmed by absence of the chemical safety and security concept and efforts to counteract relevant threats in the National Security Strategy. They also stressed a lack of coordination between the government institutions involved and their insufficient interaction with the expert community and public sector. This concerns both development and improvement of the national legislation in this area, its harmonization with the European one and proper implementation, and introduction of efficient mechanisms in the national chemical safety and security system.

III. Developing The European Integration Dimension of the ICSSP

1. The ICSSP, what the comprehensive review confirmed, is an important initiative in the broader context of Ukrainian integration with the European structures.
2. The ICSSP expands the concrete cooperation with partners from the EU and European institutions in the field of chemical safety and security and protection of critical infrastructure and implementation of cooperation programs in security and economic areas. It engages the

international partners in a continued cooperation with the Ukrainian stakeholders and will enhance economic and trade relations.

IV. ICSSP leading areas

1. The ICSSS Ukraine and international stakeholders confirmed that the ICSSP development and implementation should be continued as an inclusive process, open for participation for all the relevant Ukraine and international partners, under the international ICSSS coordination. They further agreed to concentrate the ICSSP development on issues concerning the safety and security at local level, with an emphasis on small and medium size companies, transit and storage of toxic chemicals and civil protection. The participants agreed to develop further the following ICSSP projects areas, as priority:

a) **Development of system of technical regulations for safe management of chemicals in Ukraine.** Introduction of a harmonized system will enable safe chemical substances management in the domestic market and will ensure free trade of chemical substances with EU countries and hinder illegal access of dangerous chemical substances.

b) **Improving control over toxic chemical substances' use and disposal.** The goal is to enable relevant governmental controlling agencies exercise efficient control over toxic chemical substances' use and disposal.

c) **Local Awareness and Responsibility in Chemical Safety and Security.** The project will raise local awareness and responsibility by preparing educational materials, running training courses, and generally raise awareness of safe handling of chemical substances and introduction of a new culture of chemical safety / security in Ukraine, at a local level.

d) **Strengthening controls on transit of toxic chemicals.** The project is intended to establish a training system and modalities and train Ukrainian trainers from the Ukraine relevant agencies with an emphasis on customs. The project will provide the participants with necessary know-how on procedures and practices in chemical safety and security and crisis management in transit of chemicals. 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, CWC and UNSCR 1540.

e) **Creating conditions for integration of the Ukrainian national system of civil protection with the European Civil Protection Mechanism.** The project is intended to study the relevant experience gathered by the European countries, including Poland, on the modalities and functioning of the national systems of civil protection and their interoperability, the legal provisions and technical requirements. The project will aim to establish legal, technical and material conditions for integrating Ukraine national system of civil protection with the European Civil Protection Mechanism.

V. Anticipated outcomes of the ICSSP

1. The focus of the program is the enhancement of chemical safety and security in Ukraine by developing capacity-building, best practices exchanges, cooperation between specialists, introduction of regulatory standards, law enforcement, crisis management and assistance in cases of emergencies and promotion of a chemical safety and security culture, the improvement of inter-organizational coordination and cooperation between the Ukrainian entities, and their international partners, including international organizations.

2. By conducting an International Table Top Exercise: Safe Border, to enhance trans-border cooperation against misuse of toxic chemicals, an interaction will be facilitated among all key Ukraine, Polish and international stakeholders, to enhance information flow and the sharing of experience at national and international levels. Increased information and best-practice sharing among these key stakeholders will enable a more rapid and better informed response in the event of a chemical safety and security border emergency.

3. The program's main beneficiary is intended to be Ukrainian society, which – by improving chemical safety and security – would be better prepared to function and deal with chemicals, to meet threats and challenges of chemical incidents and misuse of chemicals, and receive rapid and coordinated assistance from the relevant national Ukrainian entities and international organizations. At the same time, increased information-sharing and preparedness will enable all the Ukrainian stakeholders to better respond to chemical incidents and misuse of chemicals.

4. The UCSF will develop the cooperation between the international and Ukraine partners for the relevant technologies and equipment to support the effective implementation of chemical safety and security at national level.

VI. International coordination

1. The ICSSP is being developed and implemented under the umbrella of OSCE and in close cooperation with the leading Ukraine government institutions and civil society, international partners from governments, international organizations, chemical industry and NGO's.

2. The ICSSP is coordinated internationally by the International Centre for Chemical Safety and Security (ICCSS) - an independent non-governmental organization, situated in Warsaw, Poland. The ICCSS combines and multiplies efforts and supports the development of national and international networks of chemical safety and security officers from relevant national agencies, international organizations, industries, and civil society.

“SAFE BORDER”
**TABLE TOP EXERCISE ON ENHANCING SECURE MOVEMENT OF CHEMICALS AT POLISH-
UKRAINE BORDER**

UKRAINE CHEMICAL SECURITY FORUM

Chemss2016, Kielce, Poland, 18-19 April 2016

Outline of the scenario

BACKGROUND:

The spread of Dangerous Chemicals represents a threat to national and international stability and security. There is an urgent need for countries to undertake efforts to enhance and expand our efforts to introduce effective national controls Dangerous Chemicals. An essential component of these efforts should be collaboration of partners to prevent in justify cases Dangerous Chemicals from entering the territory through borders at sea, in the air, and on land. The goal is to work in concert, employing their national capabilities to develop a broad range of legal, diplomatic, economic, and other tools to prevent shipments of such items.

Central to these efforts should a proactive schedule of Table Top Exercises (TTX). TTX will enhance the ability of partners to prevent situations concerning of suspicious transfers chemicals to be used as explosives, including Acetone, or for chemical weapons production, and conduct joint operation when and where the situation arises, and will demonstrate our resolve and commitment to stem the illegal trade or flow of such materials.

ICCSS developed with the Ukraine partners a first TTX involving relevant national institutions in Poland and Ukraine and other partner countries.

OBJECTIVES OF THE EXERCISE:

- to present legal, administrative and operational tools to respond effectively to the threats posed by transfers chemicals to suspicious end use;
- to promote the chemical security among the relevant institutions in Poland and Ukraine and in other members of the European Union;
- to introduce and develop the Integrated Chemical Safety and Security Program (ICCSPP) among the Ukraine border and customs services by providing training of trainers from border and customs.

TIMING OF THE EXERCISE:

18 – 19 April 2016 as part of the Ukraine Chemical Security Forum within Chemss2016