



The Global Summit on Chemical Safety and Security CHEMSS 2016

Kielce, Poland, 18–20 April 2016

PROGRAMME



CHEMSS

Introduction

The chemical industry manufactures, stores, and transports a wide array of chemicals every day. Because of their potential health and safety hazards, chemicals must be carefully managed from manufacturing to end-use in research, pharmaceutical, agricultural, petrochemical, and water treatment applications, to name a few. With facilities, suppliers, and end-users located around the globe, chemical operations are vulnerable to a variety of disruptions stemming from natural disasters, extreme weather, cyberattacks, biohazards, and pandemics. Additionally, local or regional disruptions may become another aggravations.

Owners and operators should secure their products from theft and diversion for use in chemical or explosive weapons. The chemical industry now faces increasingly complicated cyber adversaries and a growing concern among operators of insider threats. Chemical owners and operators should continue to assess their risks and establish security, business continuity, and emergency response plans to mitigate individual risks.

Sessions at the 2016 Global Summit on Chemical Safety and Security are designed to provide government, industry, and first responders with techniques and suggestions to strengthen community preparedness and enhance chemical safety and security through trainings, case studies, global policy and forum updates, and sharing of best practices.

CHEMSS 2016: Day 1 | Monday, April 18, 2016

08:00

REGISTRATION AND INFORMATION

09:00 – 11:00

THE AFRICAN FORUM ON CHEMICAL SAFETY AND SECURITY
(AFRICAN FORUM)

Chairs: **Amb. Kalimi Mworia** (Kenya), **Mr. Philip Mibenge** – Polish-African Chamber of Industry and Commerce

The safe management of chemicals and CBRN security are primary concern for Africa as for the developing and emerging economies. The inadequate level of chemical safety and security provisions and practices combined with a low level of the implementation of the international agreements and arrangements including the Chemical Conventions, Chemical Weapons Convention (CWC) and UNSCR 1540 (2004) reduce opportunities for industrial and economic development and effectiveness of national and regional responses to terrorism challenges in Africa.

African Forum on Chemical Safety and Security (African Forum) aims at strengthening the African nations' security and potential to increase their capacity to deal with toxic chemicals and wastes in safe and secured manner as well as to respond to growing threat of terrorism. African Forum will facilitate the communication and cooperation to reduce chemical threats and mitigate the growing security risks.

African Forum will present the Kenyan program on chemical safety and security as an exemplary program to address effectively concrete needs and challenges in chemical safety and security in transit and transportation of toxic chemicals.

Speakers:

Amb. Kalimi Mworia (Kenya) – Kenyan program on chemical safety and security
Dr Mohamed El Zarka (Egypt)

Mr. Patrick Kimath – OSHE Institute Africa (Uganda)

Mr. Tim Scott – DOW Chemical Company (USA)

Mr. Philip Mibenge – Polish-African Chamber of Industry and Commerce

09:00 – 11:30

INDUSTRY LED PROGRAMS TO ASSIST FIRST RESPONDERS DURING A HAZMAT INCIDENT

Chair: **Mr. Frank Reiner** – President of Chlorine Institute (USA)

This session will provide resources, best practices, and discuss programs that are available to aid first responders during an incident with use of toxic chemicals.

Speakers:

Mr. Wieslaw Lesniakiewicz – former Chief of State Fire Service (Poland)

Mr. Dariusz Marczyński – former head of National Firefighting and Rescue System NFRS (Poland)

Mr. Brian Banks – CHEMTREC (USA)

Mr. Frank Reiner – The Chlorine Institute (USA), The Chlorine Emergency Plan

Mr. Gary Smith – The Ammonia Safety Training Institute (USA)

Mr. Shannon Fox – US Department of Homeland Security, Jack Rabbit II: Experimental Large-Scale Chlorine Release Trials

11:00 – 13:30

INNOVATIVE SOLUTIONS FOR DISPOSAL OF HAZARDOUS CHEMICALS

Chairs: **Dr Arthur T. Hopkins** – Principal Deputy Assistant Secretary of Defense (USA),

Dr Thomas Stock – Dynasafe (Germany), *Co-Chair:* **Dr Joseph Asahina** (Japan)

There have been many technologies developed over the years to eliminate chemicals used in military programs. Many of these programs could be used to dispose of toxic chemicals in the private sector. This session will highlight international and national assistance programs available to eliminate hazardous chemicals used in military and law enforcement programs, including explosive and technological solutions. Military technologies and concrete solutions will be demonstrated to be used in private sector, including the mining industry and the disposal of obsolete fertilizer products.

Speakers:

Dr Arthur Hopkins – Principal Deputy Assistant Secretary of Defense (USA): “Specific technologies the U.S. has used in domestic and international efforts to destroy chemical weapons”

Dr Peter Börgardt – Vice President, Eisenmann Anlagenbau GmbH & Co. KG (Germany): “Safe destruction of toxic chemicals shown at some examples of chemical warfare treatment plants”

Mr. Ulrich Stiene and **Mr. Nils Schneider** – GEKA mbH (Germany): “German experience in the destruction of old chemical weapons”

Dr Thomas Stock – Dynasafe Environmental Systems GmbH: “The Continuous Challenge from Old Chemical Weapons – Solutions for the Destruction of OCW”

Dr Joseph Asahina – ICCSS Special Advisor, former Kobe Steel, Japan: “Using know how of chemical weapons destruction experience to the enlarged field of destruction of toxic chemicals”

Prof. Slawomir Neffe – Military Technical Academy, Head of ICCSS Advisory Board, Warsaw, Poland,

Dr Lech Starostin – Program Director, ICCSS: “Polish technologies for disposal of arsenic compounds including Lewisite and Adamsite”

Col. Tim Blades – US Army RDECOM: “U.S. Explosive Destruction Technologies and on the Field Deployable Hydrolysis System and its use for the at-sea destruction of Syria’s declared CW stockpile”

11:30 – 12:30

RESPONSIBLE AGRICULTURE FOR THE SAFE AND SECURE HANDLING OF FERTILIZERS

Chair: **Dr Piotr Rusek** – Head, Fertilizer Department, New Chemical Syntheses Institute, Pulawy, PL

The session will discuss threats caused by the inappropriate management of fertilizer products and use of fertilizer products and precursors for terrorist purposes. It will also present the international trends in ensuring control over access to fertilizer products. Chemical security threats caused by the inappropriate management of fertilizer products will be highlighted. International, government and industry experts will discuss tools available for improving safety and security associated with storage, trade and handling of fertilizer products. They will consider compliance with international guidance and national regulations.

Speakers:

Dr Piotr Rusek – Head, Fertilizer Department, New Chemical Syntheses Institute, Pulawy, Poland: Safety and Security of Production, Use and Trade of Fertilizer Products

Mr. Gary Smith – The Ammonia Safety Training Institute

Mr. Larry Fitzwater – LSB Industries, US Agricultural Retailers Association, Responsible Agriculture in the United States

13:00 – 14:00

THREAT OVERVIEW – CHEMICAL SECURITY THREATS TODAY

Chair: **Mr. Kevin Sheehan**, US Department of Justice/Federal Bureau of Investigation

International experts will examine current and emerging threats to chemical security. Panelists will discuss physical threats to facilities and personnel and pre-incident indicators that identify threats of misuse of chemicals.

Speakers:

Mr. Alan Grimmer – INTERPOL

Mr. Kevin Sheehan – US Department of Justice and the Federal Bureau of Investigation

The Plenary Session will provide the opportunity to discuss national and international efforts for reducing chemical threats. The session will note and highlight the efforts to enhance global chemical safety and security. The Session will promote the operationalization and internationalization of the national and industry best practices, capacity building, and international cooperation.

Introduction to CHEMSS 2016 – Amb. Krzysztof Paturej – President, International Centre for Chemical Safety and Security (ICCSS), Warsaw (Poland) – CHEMSS 2016 Chair

High level segment

- **Deputy Minister** (Poland)
- **Mr. Ireneusz Zyska** – Member of Parliament (Poland)
- **Mr. Mieczysław Borowski** – President, Office of Technical Inspection (Poland)
- **Amb. Bonnie Jenkins** – US Department of State
- **Mr. Rolf Payet** – Executive Secretary, Chemical Conventions, Geneva
- **Mr. Hamid Ali Rao** – Deputy Director of the Organisation for the Prohibition of Chemical Weapons (OPCW)
- **Amb. Vaidotas Verba** – Head of OSCE Project Coordination Unit in Kyiv
- **Mr. ZHAO Jungui** – Vice Chairman & Secretary General, of China Federation of Chemical and Petrochemical Industries
- **Mr. Timothy Scott** – Chief Security Officer & Corporate Director of Emergency Services & Security, DOW Chemical Company (USA)
- **Dr Paul Walker** – Green Cross International

Plenary session continued.

Statements by senior representatives from government, industry, international organizations, civil society, including:

Algeria | China | Egypt | Indonesia | Iran | Kenya | Republic of South Africa | Ukraine | US Department of Homeland Security | Organisation for the Prohibition of Chemical Weapons (OPCW) | INTERPOL | United Nations Environment Programme (UNEP) | World Custom Organization (WCO) | DOW Chemical Company

OFFICIAL GALA: Statement by HE Jan Borkowski, Ambassador of Poland to Kingdom of Netherlands, Permanent Representative to the OPCW | CHEMSS 2016 Milestone Award Ceremony | Targi Kielce Prizes for Exhibitors Ceremony | Concert | Reception

Concurrent forums, sessions and workshops

Chairs: **Amb. Hadi Farajvand** (Islamic Republic of Iran), **Dr Paul Walker** – Green Cross International (USA)

The aim of the session is to finalize the CHEMSS 2016 Declaration which was developed within CHEMSS 2016 Program Committee. CHEMSS 2016 Declaration will offer a broad foundation for global cooperation to enhance chemical safety and security and the promotion of the global chemical security culture. The wording of the CHEMSS 2016 declaration will be approved at the CHEMSS 2016 concluding plenary session.

Chairs: **Mr. Jerzy Szmít** – Deputy Minister, Ministry of Infrastructure and Building, **Ms. Kelly Murray** – US Department of Homeland Security

The panel will present international and national regulations for the transportation of hazardous chemicals, including European Agreement concerning the International Carriage of Dangerous Goods by Road (“ADR”). It will also include:

- Recommendations formulated by international organizations,
- Presentation of national experience of Malaysia and Poland.

Speakers:

Mr. Mohtar bin Musri – Director-General, Department of Occupational Safety and Health (DOSH), (Malaysia): “Occupational Safety and Health Industry Code of Practices for Road Transport Activities 2010 (ICOP)”

Mr. James McColm – World Customs Organization (WCO)

Ms. Anna Witkowska – Dangerous Goods Safety Advisers: “Transport of dangerous goods in accordance with section 1.10 of the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)”

9:00 – 10:00

GLOBAL PARTNERSHIPS – GLOBAL PROGRESS

The international partners will brief on their engagement in the efforts to enhance CBRN security worldwide and within the relevant audiences.

Chair: **Ambassador Bonnie Jenkins** – US Department of State

Speakers:

Ambassador Bonnie Jenkins (USA): Engaging International Organizations and Civil Society

Prof. Maurizio Martellini: Convergence Between Chemical and Bio-Environmental Security and Safety Intersections with Bio-security

10:00 – 11:15

UN SECURITY COUNCIL RESOLUTION 1540

Chair: **Ambassador Bonnie Jenkins** (USA)

The UN Security Council (UNSC) adopted Resolution 1540 in 2004, which establishes legally binding obligations on all UN Member States to have and enforce appropriate and effective measures against the proliferation of nuclear, chemical, and biological weapons (WMD) and their delivery systems, also by establishing relevant controls. UNSCR 1540 closes gaps in nonproliferation treaties and conventions to help prevent terrorists and criminal organizations from obtaining the world's most dangerous weapons.

Speakers:

Ambassador Bonnie Jenkins (USA)

Mr. Fahad Alruwaily -- Minister, Director for Disarmament Affairs, Ministry of Foreign Affairs, Saudi Arabia: "National Experience in implementing UNSCR 1540"

Mrs. Adriana Volenikova – Organization for Security and Co-operation in Europe (OSCE)

Mr. Gennady Lutai – UNSCR 1540 Committee

Mr. Emmanuel Lardeux -- Group International Trade Compliance Officer, Air Liquide, France: "the Botticelli Project"

11:00 – 12:30

VOLUNTARY PROGRAMS FOR THE SAFE AND SECURE TRANSPORTATION OF CHEMICALS

Moderator: **Mr. Frank Reiner** – Chlorine Institute, Transportation Community Awareness and Emergency Response (TRANSCAER)

This session will focus on programs that enhance transportation safety and security and reduce threats and incidents caused by the misuse of hazardous materials during transportation:

- Best practices in transportation of chemicals (in land transport, ship transport, and aviation),
- Presentation of existing programs which enhance safe and secure transportation of hazardous materials.

Speakers:

Mr. Guenter Schiefer Goodwin – DOW Chemical Company, Chemicals Global Distribution Emergency Response

Mr. Frank Reiner – Chlorine Institute, Transportation Community Awareness and Emergency Response (TRANSCAER)

Mr. Peter Newport – Chemical Business Association (UK)

Representatives of the industry, transportation organizations and companies

Mr. Leslaw Gorniak, Mrs. Dorota Kalisz – Industrial Chemistry Research Institute/ICCS, Warsaw, Poland; Building chemical security culture – a way to secure chemical supply chain

10.00 – 18.00

FORUM ON CYBERSECURITY AND RELIABILITY OF INDUSTRIAL CONTROL SYSTEMS

Chairs: **Dr Andrzej Kozak** – Office of Technical Inspection (Poland)

Chemical facilities and processes are not safe against growing cyber threats unless their Industrial Control Systems are secure. Transmission of Industrial Control Systems (ICS) based on "proprietary" system platforms to "open" system platforms carry a greater level of cyber risk due to the rapid growth of cyber threats. Ensuring adequate reliability of control systems in an enterprise is a condition for safe handling of processes and operations of industrial plants. Cybersecurity is a major factor affecting reliability of the system in times of rising cyber threats. Security of software for control of complex technological processes is the key to ensuring safety and security.

The Forum will address the reliability and cybersecurity of control systems. The Forum will discuss the latest developments and trends in the field of machine safety and control systems in the industry as well as exchange of knowledge and experience.

- The best practices for chemical companies to understand and assess safety and security issues related to Industrial Control Systems (ICS) while promoting connectivity and communications as vital elements of efficient business operations,
- National and industry cyber strategies, ways and means of securing connectivity between business systems and of Industrial Control Systems (ICS) within corporate networks.

Speakers:

Prof. Maciej Kościelny – Warsaw University of Technology, **Prof. Tomasz Barszcz** – EC Systems Kraków, **Dr Andrzej Kozak** – Office of Technical Inspection, **Dr Dariusz Gołębiowski** – PZU – LAB, **Dr Ryszard Nowicki** – General Electric (USA), **Dr Thomas Karte** – SAMSON AG, Germany, **Dr Ryszard Boroń** – Emerson (USA), **Dr Piotr Pacyna** – University of Science and Technology, Kraków, **Representatives** of Polish Cybersecurity Forum, **Mrs. Amy Graydon** – US Department of Homeland Security, **dr Joanna Swiatkowska** – Programme Director of the European Cybersecurity Forum

09.00 – 11.00

TABLE TOP EXERCISE “SAFE BORDER” – TO ENHANCE TRANS-BORDER COOPERATION AGAINST MISUSE OF TOXIC CHEMICALS

With the participation of Ukraine (State Border Guard Service of Ukraine; State Fiscal Service of Ukraine; State Emergency Service of Ukraine), Poland (Customs) and the United States (Department of Homeland Security), and observers from governments and international organizations. Table Top Exercises (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 operations when and where the situation arises, and will demonstrate our resolve and commitment to stem the suspicious trade or flow of such materials.

11:00 – 12:30

THE UKRAINIAN CHEMICAL SECURITY FORUM (UKRAINE FORUM)

Chair: **Amb. Vaidotas Verba** – Head of OSCE Project Coordination Unit in Kyiv

The Ukrainian Chemical Security Forum aims to bring together the international initiatives working towards enhancing chemical safety in Ukraine. Uniform chemical security laws will allow to reduce threats. The Ukraine Forum will develop the framework for a network within Ukraine, Eastern Europe, and international community to facilitate communication and cooperation in order to reduce threats and mitigate chemical risks in Ukraine and the region.

- Presentation of the Integrated Chemical Safety and Security Program in Ukraine (ICCSP) – gap analysis on chemical safety and security in Ukraine,
- Report on Table Top Exercise: Safe Border – developing trans-border cooperation to effectively control transit of toxic chemicals.

Speakers:

Amb. Vaidotas Verba – OSCE, Kiev, **Mr. Jerzy Szmit** – Deputy Minister, Ministry of Infrastructure and Building, **Mr. V.Shutenko** – Director General for Security Policy, MFA Ukraine, **Mr. B.Platkiewicz** – President of Ukrainian Federation for Fire Protection Agency,

Mr. Juley Homutovskyi – Director of Interdepartmental Committee on Chemicals, **Mr. Sergei Pricepa** – Ministry of Finance (Customs Office, Ukraine), **Mr. Taras Bobrowskyi** – Border Guards (Ukraine), **Mr. Olexandr Sadovsky** – Ukrainian Chemists Union (UCU), **Amb. Krzysztof Paturej** – ICCSS, **Mr. Jan Zralek** – Polish Customs

13:00 – 16:00

CHEMICAL SECURITY REGULATORY PROGRAMS

Chair: **Mr. David Wulf** – Director, US Department of Homeland Security

Government experts and international industry partners will discuss regulations to improve the safety and security of chemical facilities and reduce the risks of chemicals to communities.

- The overview of facility security plans experiences from industry inspections, and trends and best practices learned from implementing regulatory frameworks,
- Presentation of national experience from Philippines

Speakers:

Mr. Muhamad Sade bin Mohamad Amin – Undersecretary, Security and Public Order Division, Ministry of Home Affairs (Malaysia)

Ms. Kelly Murray – Chemical Facility Anti-terrorism Standards, US Department of Homeland Security

Dr Andrzej Wolf – Wolff Group, Krakow (Poland)

Eng. Jean C. Borromeo – Department of Environment and Natural Resources (Philippines)

Mr. Andrzej Krzeslak – Industrial Chemistry Research Institute (ICRI), Warsaw, Poland: EU REACH (Registration Evaluation, Authorization and Restriction of Chemicals) – safety of chemicals on a European market

13:00 – 14:30

FORUM ON JORDAN PREPAREDNESS AGAINST CHEMICAL THREATS

Chair: **Amb. Krzysztof Paturej** – President, ICCSS

Jordan faces an increased chemical threat. There were effective measures introduced in Jordan to prevent, prepare for and respond to this continued threat. Jordan received an important international assistance and cooperation to develop a national system of response against Chemical, Biological Radiological and Nuclear (CBRN) threats.

- Presentation of Jordan's unique national experience to the challenge of chemical threats, including the implementation of UN Security Council Resolution 1540,
- National and international capacities and best practices available to reduce CBRN threats,
- Proposals to increase national capacities and enhance regional and international cooperation, with an emphasis on the Middle East, against chemical threats, including a Working paper on Chemical Security Confidence Building Measures in the Middle East.

Speakers:

Col. Rame Khasawnew – Jordan Armed Forces

Mjr. Mirza Hatoqay – Jordan Armed Forces

Mr. Paul McNelly – Director, Threat Reduction Program Oversight

Office of the Deputy Assistant Secretary of Defense (Threat Reduction and Arms Control)

Representatives from the countries of **Middle East** and **International Organizations**

15:00 – 17:00

INCIDENT COMMAND MANAGEMENT PROCESS

Chair: **Mr. Nathan Rodgers** – Federal Emergency Management Agency FEMA (USA)

The US National Incident Management System (NIMS) is a comprehensive, proactive approach to guide government, nongovernmental organizations, and the private sector to work together to manage incidents involving any threat or hazard in order to reduce loss of life, property, and harm to the environment.

The session will offer:

- The functioning of the US National Incident Management System (NIMS),
- Presentation of EU Crisis management response system,
- Presentation of national experience in incident management in Poland.

Speakers:

Mr. Florian Naumczyk – Government Centre for Security (Poland)

Mr. Nathan Rodgers – Federal Emergency Management Agency FEMA (USA)

Mr. Gary Smith – The Ammonia Safety Training Institute (USA)

Dr Andrea Malizia – University of Rome Tor Vergata (Italy)

16:00 – 18:00

VOLUNTARY APPROACHES TO CHEMICAL SAFETY AND SECURITY

Chair: **Mr. Setyabudhi Zuber** – Secretary General & Executive Director, National Committee for Responsible Care (Indonesia)

Moderator: **Mrs. Amy Graydon** – US Department of Homeland Security

International industry partners will discuss regulations to improve the safety and security of chemical facilities and to reduce the risks that chemicals pose to communities. The organisations and representatives of the chemical industry will also discuss safety and security system continuous improvement management programs for chemical facilities and transportation, including ResponsibleCare®, and ChemStewards®.

- Presentation of trends and best practices in implementation of new regulations with the emphasis on plans on securing the infrastructure and experience sharing of the regulators,
- Management and implementation of security programs,
- The overview of facility security plans experiences from industry inspections, trends and best practices learned from implementing regulatory frameworks.

Speakers:

Mr. Qi Guisuo – Vice Chairman of China Controlled Chemicals Association (CCCA)

Mr. Guenter Schiefer Goodwin – DOW Chemical Company

Mrs. Carla Gore – DOW Chemical Company

Dr Syeda Sultana Razia (Bangladesh): “Lessons Learned in Chemical Safety: Bangladesh Perspective.”

Mrs. Sarah Gambill – US Department of Homeland Security

19:00 – 21:00

OFFICIAL RECEPTION

CHEMSS 2016: Day 3 | Wednesday, April 20, 2016

Concurrent forums, sessions and workshops

9:00 – 11:00

FORUM ON BUILDING LOCAL AWARENESS, RESPONSIBILITY, PARTNERSHIPS AND RESPONSE TO MITIGATE CHEMICAL SAFETY AND SECURITY THREATS VOLUNTARY PROGRAMS

Chairs: **Dr Paul Walker** – US Green Cross International, **Amb. Krzysztof Paturej** – President, ICCSS

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.

The session will promote introduction of local sustainable development policies in regard to wider activities relating to the production, storage, usage and transport of chemicals, chemical waste management, and planning and responding to the risks associated with chemical activities at a local level. Local communities should be knowledgeable about all activities related to hazardous

substances in their environments and participate in dialogue on the requirements and resources needed to counter potential threats and minimize potential losses.

The session will present the ICCSS-initiated program: "Local Awareness and Responsibility in Chemical Safety and Security" to the international community. The program offers local governments solutions to meet the challenges posed by the increasing use of chemicals and access to hazardous substances. In particular, it provides the development of training capacities, offers best practice exchange and promotes environmentally friendly and safe technologies in the production, storage, usage and transport of dangerous goods, including chemicals, energy sources and waste. The program promotes the development of chemical and ecological safety and security environment for industrial activities, with an emphasis on mining and energy production.

Speakers:

Mr. Wang Qingshan (China) – Director of Yangzhou Chemical Industry Park Administration Committee

Amb. Kalimi Mworira (Kenya)

Mr. Oleksandr Sadovsky (Ukraine)

Mr. Grzegorz Kulczykowski – Academy of Safety, ASE Group (Poland)

Mr. Tim Scott – DOW Chemical Company

Mrs. Aleksandra Skapska-Piekarczyk – Chief Inspectorate of Protection of Environment (Poland)

9:00 – 10:30

WORKING SESSION/TRAINING ON NATIONAL EXPERIENCE AND LESSONS LEARNED FROM NATIONAL SYSTEM OF PREVENTION OF MAJOR ACCIDENTS, IN ACCORDANCE WITH SEVESO III (DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL 2012/18/UE OF 4 JULY 2012 ON THE CONTROL OF MAJOR-ACCIDENT HAZARDS INVOLVING DANGEROUS SUBSTANCES)

Chairs: **Dr Agnieszka Gajek** – Central Institute for Labour Protection (Poland)

Speakers:

Dr Agnieszka Gajek – Central Institute for Labour Protection (Poland)

Mr. Ireneusz Rogala – ASE Group Poland

Mr. Paweł Dadasiewicz – Chief Inspectorate of Environmental Protection (Poland)

11:15 – 12:30

ROUND TABLE ON ENHANCING INTEGRATED APPROACH TO CHEMICAL SAFETY AND SECURITY WITHIN THE CHEMICAL CONVENTIONS

The session will consider the chemical safety and security aspects of the Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal, The Rotterdam

Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in Trade, and The Stockholm Convention on Persistent Organic Pollutants (POPs), and the practices of Strategic Approach to International Chemical Management /SAICM/ and Inter-Organization Program for Sound Management of Chemicals /IOMC/, and other national and international chemical and ecological efforts.

Chair: **HE Hadi Farajvand** – Ambassador of Islamic Republic of Iran in Nairobi, Permanent Representative to UNEP

Speakers:

HE Hadi Farajvand (Iran): "Safety and Security aspects of Chemical Weapons Conventions"

Mrs. Margaret Salome Molefe (Republic of South Africa)

Dr Mohamed El Zarka (Egypt)

Representatives of UNEP and the European Union

11:00 – 12:00

G7 GLOBAL PARTNERSHIP (G7 GP) WORKING GROUP – ACTIVITIES OF THE SUB-WORKING GROUP ON CHEMICAL SECURITY

Chairs: **Mr. David Wulf** (USA)

Speakers:

The Presidency of G7 Global Partnership

US Department of State

Global Affairs Canada

10:00 – 12:30

ACTIVE SHOOTER SEMINAR

Chair: **Mrs. Sarah Gambill** -- US Department of Homeland Security

This scenario-based workshop features facilitated discussions on the history of active shooters as well as techniques to engage private sector professionals and law enforcement representatives from Federal, State and local agencies to prepare for, and respond to, an active shooter situation. Through the course of the exercise, participants will learn about current response concepts, plans, and capabilities for coordinated responses to active shooter incidents.

Speakers:

Mrs. Sarah Gambill – US Department of Homeland Security

Mr. Dan Isaacson – Lubrizol (USA)

Mr. Michael McElhenny – Federal Bureau of Investigation (USA)

Mr. David Jackson – Air Products

11:00 – 15:00

SEMINAR ON INTEGRATED IMPACT ASSESSMENT AND A ROUND TABLE DISCUSSION

Chair: **Dr Andrzej Jagusiewicz** – Former Minister of Environmental Inspection in Poland, Eco-Safety and International Relations Director at ICCSS

Guest of honor: **Prof. Hans Bruyninckx** – Executive Director, European Environment Agency (EEA)

The Seminar will consider new paradigms in global business architecture, including integrated impact assessment as an integral part of global business and environmental architecture. It provides for evidence-based procedures that assess the environmental effects of the new or existing enterprises in combination of economic and social factors. The core objective of the Seminar is to present the instruments to improve the capacities of companies to conduct their business activities and investments in accordance with the international and national regulations and using integrated impact assessment.

Speakers:

Prof. Jozef Pacyna – NILU (Norway), **Prof. Wojciech Nowak** – AGH Energy Center, Krakow, **Mr. Wiecher Schrage** (Netherlands), **Dr Leonor Tarrason** – NILU (Norway), **Dr Tomasz Szczygielski** – Warsaw Technology University, **Dr Monika Konieczynska** – National Research Institute (Poland)

Round table discussion 14:00 – 15:00:

“BUSINESS RESPONSIBILITY IN IMPLEMENTING INTEGRATED IMPACT ASSESSMENT”

Discussion moderator: **Mr. Przemyslaw Stangierski** – CEO of AT Kearney (Poland)

Speakers: **Prof. Hans Bruyninckx**, **Prof. Jozef Pacyna**, **Prof. Wojciech Nowak**, **Dr Wojciech Wolkowicz** – National Research Institute (Poland), **Dr Andrzej Jagusiewicz** – ICCSS

13:00 – 14:30

PANEL DISCUSSION: ENCYCLICAL LAUDATO SI' – “PRAISED BE YOU” – POPE FRANCIS INSPIRATION FOR EFFORTS TO SECURE CHEMICAL AND ECOLOGICAL SAFETY AND SECURITY

Chair and moderator: **Rev. Paweł Stypa** – Vice President of the Foundation “Study Culturae Ecclesiae”

Guest of honor: **Amb. Rogelio Pfirter** – Director General of the Organization for the Prohibition of Chemical Weapons (2002–2010), Ambassador of Argentina to the Holy See

“Laudato si’” – “ Praised be You” is the first Encyclical in the history of the Church entirely dedicated to the protection of environment, where Pope Francis has called for dialogue on the state of the Earth. He said: “I urgently appeal, then, for a new dialogue about how we are shaping the future of our planet. We need a conversation which includes everyone, since the environmental challenge we are undergoing, and its human roots, concern and affect us all.”

He pointed out that man is part of nature and depends on it, and the current threats to the environment require a strong “ecological conversion.” Pope points to the need for such ecology, which in its various dimensions would combine a special position occupied by man, and his relationship with the environment. Pope outlines the general lines of dialogue and actions to involve every man, international policies, inspired by the Christian heritage and experience.

The panel discussion, with the participation of representatives of the Catholic Church and civil society, will discuss the Pope’s teaching in regard to the protection of the environment. The participants will consider the Christian tradition and practices, which favor an increased commitment to protection of environment. Participants will talk about the extent to which the content of the encyclical is and could become an inspiration for the practical efforts to protect the environment and enhance chemical and ecological safety and security.

Speakers:

Father Stanislaw Jeremi OFM – Chairman of the Ecological Movement of St. Francis of Assisi
Mr. Marek Haliniak – Main School of Public Administration, former Chief Inspector of Environmental Protection
Rev. Arkadiusz Wuwer – Expert Catholic Social Teaching
Mr. Jacek Bozek – President of the Ecological Foundation “Gaja”

13.00 – 15.00

GP Chemical Security Sub-Working Group Intercessional Meeting (Members Only)

Members of the Chemical Security Sub-Working Group of the Global Partnership Against the Spread of Weapons and Materials of Mass Destruction will hold a closed intercessional meeting to discuss working group activities. This meeting is open to working group members only. Con-

ference attendees can learn more about the Global Partnership's work during the Chemss 2016 Concluding Plenary Session.

15:00 – 17:00 CHEMSS 2016 CONCLUDING PLENARY SESSION

The concluding session will review the reports from the CHEMSS 2016 forums and sessions and specify the goals that have been reached.

CHEMSS 2016 declaration will be introduced and it will be used as a foundation for further cooperation in the future.

A handbook on Chemical Security and table top exercises will be presented.

An International Association (network) for Chemical Safety and Security will be launched.

The Global Summit on Chemical Safety and Security CHEMSS 2016

The Programme

TIME	Day 1 Monday April 18	Day 2 Tuesday April 19	Day 3 Wednesday April 20
9	AFRICAN FORUM	REGULATORY TRANSPORTATION PROGRAMS	WORKING SESSION OF SEVESO 3
10			
10	INDUSTRY LED PROGRAMS TO ASSIST FIRST RESPONDERS	UN SECURITY COUNCIL RESOLUTION 1540	G7 GLOBAL PARTNERSHIP WORKING GROUP
11	INNOVATIVE SOLUTIONS FOR DISPOSAL OF HAZARDOUS CHEMICALS	UKRAINIAN FORUM	BREAK / DEMONSTRATION TIME
11,3			
11,3	RESPONSIBLE AGRICULTURE	CHEMICAL SECURITY REGULATORY PROGRAMS	GP CHEMICAL SECURITY SUB-WORKING GROUP (MEMBERS ONLY)
12	OFFICIAL GALA AND CHEMSS 2016 MILESTONE AWARD CEREMONY		
12	BREAK / DEMONSTRATION TIME	VOLUNTARY APPROACHES TO CHEMICAL SAFETY AND SECURITY	CONCLUDING PLENARY SESSION
12,3			
12,3	BREAK / DEMONSTRATION TIME	INCIDENT COMMAND MANAGEMENT PROCESS	INSPIRATION: ECOLOGICAL SAFETY AND SECURITY ASSESSMENT CTD.
13	THREAT OVERVIEW	JORDAN FORUM	ENVIRONMENTAL IMPACT ASSESSMENT CTD.
14	OPENING PLENARY SESSION	BREAK / DEMONSTRATION TIME	OFFICIAL RECEPTION
14			
15	BREAK / DEMONSTRATION TIME	OFFICIAL RECEPTION	OFFICIAL RECEPTION
15			
16	BREAK / DEMONSTRATION TIME	OFFICIAL RECEPTION	OFFICIAL RECEPTION
16			
17	BREAK / DEMONSTRATION TIME	OFFICIAL RECEPTION	OFFICIAL RECEPTION
17			
18	BREAK / DEMONSTRATION TIME	OFFICIAL RECEPTION	OFFICIAL RECEPTION
18			
19	BREAK / DEMONSTRATION TIME	OFFICIAL RECEPTION	OFFICIAL RECEPTION
19			
20	BREAK / DEMONSTRATION TIME	OFFICIAL RECEPTION	OFFICIAL RECEPTION
20			
21	BREAK / DEMONSTRATION TIME	OFFICIAL RECEPTION	OFFICIAL RECEPTION
21			
22	BREAK / DEMONSTRATION TIME	OFFICIAL RECEPTION	OFFICIAL RECEPTION
22			



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