UN/OECD seminar in follow-up to the 2020 Beirut port explosion:

Lessons learned, experiences and good practices in managing risks of ammonium nitrate storage, handling and transport in port areas, preventing accidents and mitigating their consequences

-- Draft agenda --

Online, 14 December 2021

Part 1: 12:00 – 14:00 (Central European Time)
Moderated by Michael Struckl, Chair of seminar’s Advisory Group, Vice-Chair of the UNECE Industrial Accidents Convention’s Bureau (Austria)

Part 2: 14:30 – 16:30 (Central European Time)
Moderated by Torill Tandberg, Chair of the UNECE Industrial Accidents Convention’s Bureau and member of the OECD Working Party on Chemical Accidents’ Bureau (Directorate for Civil Protection, Norway)

Introduction

12:00 – 12:10 Welcoming remarks
Dimitry Mariyasin, UNECE Deputy Executive Secretary
Michael Struckl, Chair of this seminar’s Advisory Group, Vice-Chair of the UNECE Industrial Accidents Convention’s Bureau (Austria), Moderator of Part 1

12:10 – 12:15 Statement from Lebanon
Zahi Chahine, Head of National Disaster Risk Management Unit, Presidency of the Council of Ministers, Lebanon

1. Ammonium nitrate (AN) and AN-based fertilizers, accidents involving AN and lessons learned

12:15 – 12:25 Characteristics and types of AN and AN-based fertilizers
Heike Michael-Schulz, Federal Institute for Materials Research and Testing (BAM), Germany

12:25 – 12:35 Lessons learned from past accidents involving AN and AN-based fertilizers
Maureen Wood, Major Accident Hazard Bureau, European Commission Joint Research Centre

12:35 – 12:45 The Beirut port explosion
Video investigation produced by Forensic Architecture

12:45 – 12:55 Q&A with Session 1 speakers; please submit all questions through the chat

2. International legal instruments and recommendations addressing AN and AN-based fertilizers

12:55 – 13:05 Overview of UN/OECD legal instruments and recommendations addressing the storage, handling and transport of AN and AN-based fertilizers and related accident prevention, preparedness and response
Rosa Garcia Couto, Scientific Affairs Officer, Sustainable Transport Division, UNECE
Franziska Hirsch, Secretary of the Industrial Accidents Convention, UNECE

Antti Nironen, Technical Officer, Maritime Safety Division, IMO

Manal Azzi, Global Team Lead on Occupational Safety and Health, ILO
The organization of the seminar is possible thanks to financial contributions from the French Ministry for Ecological Transition and German Federal Ministry of the Environment, Nature Conservation & Nuclear Safety.

### 3. Good practices and lessons learned

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| 13:40 – 13:50 | **Post-Beirut port explosion actions being taken in France to further increase the safe transport of AN and AN-based fertilizers in port areas**  
*Claude Pfauvadel, Head of the Mission for the Transport of Dangerous Goods, Ministry of Ecological Transition, France* |
| 13:50 – 14:00 | **Implementation of rules and regulations covering AN and AN-based fertilizers at the Port of Klaipėda**  
*Vygantas Nagys, Dangerous Cargo Inspector, SE Klaipėda State Seaport Authority, Lithuania* |
| 14:00 – 14:30 | **Break**                                                                                             |
| 14:30 – 14:40 | **Application of the guide for planners and designers on land-use planning and methodologies for calculating AN risks**  
*Daisi Käger, Chief inspector of Safety Supervision Bureau, Estonian Rescue Board, Estonia* |
| 14:40 – 14:50 | **Q&A with the above three speakers; please submit all questions through the chat**                     |
| 14:50 – 15:05 | **Joint presentation of selected industry practices**  
*Richard Bilman, Australasian Explosives Industry Safety Group Inc.*  
*Kishore Shah, Fertilizers Europe*  
*Noel Hsu, Institute of Makers of Explosives, SAFEX, National Fire Protection Association* |
| 15:05 – 15:15 | **Brazilian task force in ports and hazmat warehouses: Preventive actions triggered by the Beirut port explosion and São Francisco do Sul incidents**  
*Philippe Pontes Barbeiro, Environmental Analyst, Brazilian Institute for the Environment and Renewable Natural Resources (Ibama), Brazil* |
| 15:15 – 15:25 | **Rules on inspecting storage and transport sites and port areas with AN and AN-based fertilizers and challenges in their implementation**  
*Colonel Jurie van Staden, Section Commander of Explosives Control/Office of the Chief Inspector of Explosives, South African Police Service, South Africa* |
| 15:25 – 15:35 | **Guidelines and programs to ensure the safety and security of sites with AN and AN-based fertilizers, following the West Fertilizer Company explosion in Texas in 2013**  
*Lisa Long, Director of Office of Engineering Safety, Occupational Safety and Health Administration, and on behalf of Environmental Protection Agency, Cybersecurity and Infrastructure Security Agency, United States* |
| 15:35 – 15:50 | **Q&A with the above four speakers; please submit all questions through the chat**                     |

### 4. Seminar conclusions and closing

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| 15:50 – 16:20 | **Panel discussion**  
*Moderated by Rachel McCann, Chair of the OECD Working Party on Chemical Accidents (Health and Safety Executive, United Kingdom of Great Britain and Northern Ireland)* |
| 16:20 – 16:30 | **Summary of the seminar: Lessons learned, challenges and ways forward**  
*Torill Tandberg, Chair of the UNECE Industrial Accidents Convention’s Bureau and member of the OECD Working Party on Chemical Accidents’ Bureau (Directorate for Civil Protection, Norway), Moderator of Part 2* |