Technical Working Group on Seveso Inspections (TWG 2)

Preliminary Meeting Agenda

7-9 June 2023, Odense, Denmark

**Wednesday, 7 June 2023**

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| 12:30 | **Lunch at the meeting venue**  **Danish Environmental Protection Agency, TW 3 Conference hall 3rd floor.** |

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| **Afternoon Session  Chair:** *I. Domjan, National Directorate for Disaster Management, Hungary* | | |
| 13:30 | | 1. **Welcome (Danish authority)** |
| 13:45 | | **Opening Business** *(Chairperson)*   * **Introduction of new members of TWG 2 and Steering Committee, TWG 2 Representatives 2023** *(Chair)* * **TWG 2 Terms of Reference** *(M. Wood)* * **Overview of the agenda** *(Chair)* * **Amendments to September 2022 meeting notes (if any)** *(Chair)* * **Action items from last meeting** *(M. Wood)* * **TWG 2 funding and strategy issues for 2023-2024 planning cycle** *(M. Wood)* * **TWG 2 Meeting 2024, 2025 and 2026– Location and time** *(Chair)* * **(Updated) TWG 2 Meeting Tool Kit –** Suggestions for improvement *(M. Wood/Suggestions from participants)* * **TWG 2 website updates and improvements** *(M. Wood/Suggestions from participants)* |
| 14:15 | | 1. **Mutual Joint Visit (MJV) Programme**  * **MJV Information to the Public 2022 – Update** * **MJV Portugal 2023** *(A. Santos)* * **MJV Italy 2024** *(F. Vazzana)* * **Technical Advisory Group for 2024 MJV Italy** *(M. Wood)* * **Future of the MJV Programme – Volunteers to host MJVs 2025 and 2026** *(Chair)**New volunteers?* * **Review of MJV Priority Topics (see attached)** *(Chair)* * Review of the Mapping Structure of the Seveso Inspection Publication Series * **Updates to MJV Toolkit** – Improvements to tool kit, MJV programme? *(M. Wood/Suggestions from participants)* * **Update on publication of MJV good practice reports** *(M. Wood)* * **MJV 2014 (SMS in multinational companies)** and **MJV 2015 (Safety leadership and culture)** * **Future MJV good practice reports** – Any suggestions to improve? *(M. Wood)* |
| 15:00 | | **Coffee break** |
| 15:30 | 1. **TWG 2 Webinars**  * **Webinar 2022 report: Ageing and Primary Containment Maintenance** * **Webinar 2023: Good Practice Report – The Role of Authorities in Promoting Lessons Learned (M. Wood, JRC)** * **Webinar 2024: Hydrogen fuel risks Part 1 (and 2?)** | | |
| 15:45 | | 1. **CICs recently completed and in development**   **The CIC leader will describe the status of the CICs that are currently in development or have recently been finalised.**   * **Maintenance of primary containment systems** (Published) – Request for additional suggestions of questions and tips *(M. Wood)* * **Internal emergency planning (Published)** * **Subcontractors (Published)** * **Avoiding External Ignition Sources (in Publication)** |
| 16:00 | | 1. **CIC Topics in progress**  * **Power supply utilities and black-outs** *(K. Koutelos)* * **Presentation on lessons learned study of chemical incidents involving power failures** * **Maintenance of secondary containment systems** *(F. Vazzana)* * **Evacuation and sheltering for toxic emissions** (I. Domjan, M. Wood) |
| 16:30 | | 1. **Feedback on the CIC Development Process**  * **Development of new CICs (procedure overview)** * **CIC outline and development tips – Any suggestions to improve?** *(Includes suggestion to make checklist questions more visible in the .pdf and on html websites)* * *Suggestion to consider Human Factors in each CIC* * *Make checklist questions more visible* * **Finalised CICs – Any suggestions to improve website?** |
| 17:00 | | 1. **CICs in future**  * **List of future topics**   *Please reflect on topics that would be interesting for your inspectorate and/or where you could make a contribution. We will collect priorities for CIC topics from each of you in a separate email.*   * **Discussion of possible topics to begin in 2023 and volunteers to lead them** |
| 17:00 | | **Adjourn** |

**Thursday, 8 June 2023**

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| **Thursday morning session**  **Chair:** *E. Simon, Government of Steiermark, Austria* | |
| 09:00 | 1. **New CIC – presentation of proposed outline – Topic 1**   **Topic 1. Human Factors *(C. Cowley, TBA)*** |
| 9:30 | 1. **Break-out on common inspection criteria (CIC) (Divided in 2 groups)**  * **Human Factors** |
| 10:30 | **Coffee Break** |
| 11:00 | **Summary of break-out sessions on Topic 1**   * **Group 1** * **Group 2** |
| 11:30 | 1. **New CIC – presentation of proposed outline – Topic 2**   Topic 2: Incident investigation *(M. Wood)*  *Attention: This topic needs a co-leader. Please consider volunteering.* |
| 12:00 | 1. **Break-out on common inspection criteria (CIC) (Divided in 2 groups)**  * **Incident investigation** |
| 13:00 | **Adjourn for Lunch** |
| ***Thursday afternoon Session Chair:*** *I. Domjan, National Directorate for Disaster Management, Hungary* | |
| 14:00 | 1. **Summary of Break-out Sessions on Topic 2**  * **Group 1** * **Group 2** |
| 14:30 | 1. **Risks associated with new energy sources**  * **Power to X sites (sites that produce hydrogen from green sources ) Danish inspection and oversight strategy** *(H. Bechman Nielsen)* * **Seveso sites and battery energy storage systems - Situation in Italy and risk assessment issues** *(F. Vazzana)* * **Discussion:**   *How do other Member States treat this kinds of sites? What kinds of accident scenarios are they using? What particular challenges do they present to inspection oversight and risk management?* |
| 15:30 | ***Coffee break*** |
| 16:00 | 1. **Lessons learned from recent incidents**  * **Lessons learned from an incident involving hydrogen** *(M. Kraft)* * **Update on Currenta incident (if any)** *(M. Kraft)* * **Summary of incidents from eMARS** *(M. Wood)* * **Explosion at chemicals plant May 2022** *(J. Karba)* * **Manucco accident 3 August 2022** *(T. Marty)* |
| 17:30 | **Adjourn for the day** |

**Friday, 9 June 2023**

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| **Friday morning session Chair:** *E. Simon, Government of Steiermark, Austria* | |
| 09:00 | 1. **Continuation of lessons learned from incidents**  * **Serious accident in a waste chemical plant** *(T. Heinimaa)* * **Container incident in Mannheim** *(M. Hailwood, via web connection)* |
|  | 1. ***Emergency planning for cyber attacks – Follow up from a Belgian incident*** *(P. Vansina)*   *Followed by discussion and exchange of experience* |
| 10:15 | 1. **Warning sirens – Summary of Member State experiences** *(R. Kuusik)* |
| 10:35 | 1. **Follow-up on prior good practice exchanges**  * **Prohibition of use** *(I. Domjan)* * **Temporary storage in ports** *(R. Czapla, M. Wood)* |
| 10:50 | 1. **New projects, research findings and publications and any other business**  * **ADAM Version 3.0** *(M. Wood, MAHB)* |
| 11:00 | 1. **Any other business**  * **Summary of Meeting Results and Action Items** * **Location of next TWG 2 Meeting** |
| 11:15 | **Adjournment of meeting** |

**List of Priority Topics Recommended as the Focus of Future MJVs**

**Version 2023**

*In general it is recommended that a Mutual Joint Visit on Seveso II Inspections (MJV) is organised around one of the priority Technical Topics listed below in association with a few important Implementation Topics. It is understood that some Implementation Topics, because of their particular importance or complexity (e.g., emergency planning and response) could be the subject of an MJV by itself. Discussions should always be conducted in the context of the inspections obligations outlined in Article 18 of the Seveso II Directive.*

*This Priority Topics List has been created by the EU Technical Working Group on Seveso II Inspections. It should be viewed as loose guidance, rather than a strict formula, intended to aid MJV hosts in structuring an interesting and productive MJV. New ideas from MJV hosts are generally welcome.*

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| **Technical Topics** | **Implementation Topics** |
| The following substance, substance categories or industrial sectors are each considered to be priority topics currently for Seveso inspectors. In addressing these general areas, an MJV should focus on improving understanding of safety practices, inspections strategies and tools, and other topics as indicated in the right-hand column.   * Chlorine * Ammonia * Hydrogen fluoride * Sulphur dioxide * Petroleum storage depots 1 * Liquefied petroleum gas12 * Liquefied natural gas12 * Unstable substances (e.g.,organic peroxides, nitrocellulose) * Intermediate substances * Runaway reactions/batch processing * Distilleries * Warehouses * Refineries8 * Explosive and pyrotechnic sites18 | The following implementation topics are also considered to be priority areas for exchanging ideas, knowledge and experience among Seveso II inspectors. These topic areas could be addressed in connection with any of the technical areas in the column to the left:   * Accident investigation * Ageing sites14 * Co-operation between authorities * Risk management during a pandemic15 * Domino effects 5 * Emergency planning and response20 * Enforcement strategy\* 2 * Human factors\* 3 * Information management tools * Information to the public16 * Inspection of lower-tier sites 4 * Inspections strategy and life-cycle * Inspector competencies * Lessons learned from accidents17 * Lessons learned from inspections * Risk assessment verification * Risk-based inspections * Safety culture9 * Safety leadership9, 10 * Safety management systems\* 6 * Safety reports 7 * Technical standards * Safety Performance Indicators9,13 * SMS in multinational companies11 * Cybersecurity |

1 MJV Belgium 2005 2 MJV Netherlands 2007, CCA Seminar 2008 3 MJV Portugal 2008;

4 CCA Seminar, April 2009; 5 MJV Norway 2009 6 MJV Germany 2010’ 7 MJV Finland 2011

8 MJV United Kingdom 2006 9 JRC Workshop, 2010 10 OECD Workshop 2012

11 MJV Arona (Italy) 2014 12MJV Cyprus 2017 13MJV Austria 2018 14MJV Malta 2019 15Webinar 2021  
16MJV Ispra 2022 17MJV Sweden 2013 18MJV Norway 2016 20MJV Ireland 2012