

**NOTE BY THE DIRECTOR-GENERAL****ENGAGING THE CHEMICAL INDUSTRY ASSOCIATIONS****INTRODUCTION**

1. The chemical industry has been recognised as a key stakeholder with regard to full and effective implementation of the Chemical Weapons Convention (hereinafter “the Convention”). In accordance with the recommendations made in the report of the Third Review Conference¹ (RC-3/3*, dated 19 April 2013), the Director-General decided to strengthen the partnership between the OPCW and the chemical industry for the benefit of the object and purpose of the Convention, notably the prevention of the re-emergence of chemical weapons.
2. This Note complements and updates the information reported in previous Notes by the Director-General: C-19/DG.14 (dated 3 October 2014), C-20/DG.15 (dated 16 November 2015), C-21/DG.15 (dated 3 October 2016), C-22/DG.18 (dated 10 October 2017) and C-23/DG.14 (dated 13 November 2018). The cut-off date for this document was 17 October 2019.

ENGAGEMENT WITH THE INTERNATIONAL COUNCIL OF CHEMICAL ASSOCIATIONS

3. As described in Note C-20/DG.15, following an exchange of letters a coordination mechanism was established in 2015 with the International Council of Chemical Associations (ICCA). This mechanism is comprised of the OPCW-ICCA Joint Steering Committee (JSC) and the Chemical Industry Coordination Group (CICG). The membership of the JSC consists of the Director-General and senior OPCW staff and of the ICCA Secretary and senior ICCA staff. The JSC guides the work of the CICG, which consists of technical staff of the OPCW and ICCA, and which implements joint activities and efforts between the two organisations.
4. The seventh CICG meeting took place on 29 March 2019, and the eighth was held on 10 September 2019 at OPCW Headquarters. Participants discussed practical steps for improving the efficiency of industry inspections and capacity building in chemical safety and security. They also concentrated on planning future CICG and JSC meetings in order to ensure that they are more focused and action-oriented.

¹ Review Conference = Special Session of the Conference of the States Parties to Review the Operation of the Chemical Weapons Convention.



5. In its decision entitled “Attendance and Participation of the Chemical Industry and Scientific Community at the Nineteenth Session of the Conference of the States Parties” (C-19/DEC.2, dated 1 December 2014), the Conference of the States Parties (hereinafter “the Conference”) decided “to introduce, at every session of the Conference, an agenda item dedicated to the chemical industry and the scientific community”. Accordingly, representatives of ICCA have been invited to attend and participate in each regular session of the Conference since the adoption of that decision. Owing to the shortened duration of the Twenty-Third Session of the Conference, which was held in conjunction with the Fourth Review Conference, the chemical industry was invited to deliver its statement at the Fourth Review Conference. It was read by Mr René van Sloten, Executive Director of the European Chemical Industry Council (Cefic) on behalf of Cefic’s Director General and ICCA Secretary Marco Mensink.² A decision allowing representatives of the chemical industry and the scientific community to attend and participate in the Fourth Review Conference was adopted by the States Parties (RC-4/DEC.3, dated 21 November 2018).

COOPERATION ACTIVITIES RELATED TO EDUCATION AND OUTREACH

6. The chemical industry associations continue to make a major contribution to OPCW capacity-building activities through their substantial involvement in the Associate Programme. In 2019, with the support of ICCA and national chemical associations,³ 17 industrial plant facilities located in 12 OPCW Member States in Europe, Asia, and Latin America hosted participants of the Associate Programme for a three-week training course from 2 to 20 September (see Annex 1). As in previous years, the course allowed participants to gain exposure to modern practices in chemical industries, with a special focus on chemical safety. The induction segment of the programme also included two lectures delivered by representatives of Cefic and the Chemical Business Association of the United Kingdom of Great Britain and Northern Ireland.
7. In addition to this contribution, ICCA, Cefic, and chemical industry representatives participated in the Green and Sustainable Chemistry Workshop in The Hague, the Netherlands from 4 to 5 December 2018, and in the third edition of the Workshop on Policy and Diplomacy for Scientists in Trieste, Italy from 9 to 13 September 2019. Chemical industry representatives were also invited to present their views on a wide range of issues during the Symposium on Women in Chemistry, held at the OPCW Headquarters on 24 June 2019. Representing Cefic, the Vice President of Global Trade Control of BASF S.E. Germany provided insights into opportunities on women’s career advancement and the importance of promoting responsible and peaceful uses of chemistry.

² Available at <https://www.opcw.org/sites/default/files/documents/2018/11/rc4nat20%28e%29.pdf>.

³ The Brazilian Chemical Industry Association (Abiquim), the Chilean Chemical Industry Association (ASIQUM), the Federation of Indonesian Chemical Industry (FIKI), the German Chemical Industry Association (VCI), the Italian National Chemical Industry Federation (Federchimica), and the Spanish Chemical Industry Federation (FEIQUE).

8. Education and outreach activities involving chemical industry continue to be addressed during the sessions of the Advisory Board on Education and Outreach (ABEO),⁴ as has been the case since the ABEO's First Session in April 2016. A representative of ICCA has been invited to attend regular ABEO sessions as an observer, and this practice continued in 2019.

COOPERATION ACTIVITIES RELATED TO CHEMICAL SAFETY AND SECURITY

9. Since 2009, the Secretariat, in cooperation with approximately 45 States Parties from all regions and in partnership with other international organisations, government agencies, and specialised centres, has carried out a chemical safety and security management programme which, to date, has trained more than 2,200 experts. Since 21 October 2018, the cut-off date of the last Note (C-23/DG.14), 14 workshops and courses involving participants from the chemical industry have been conducted under the programme (see Annex 2).
10. Nine chemical industry representatives attended the Seminar on the Chemical Weapons Convention and Chemical Safety and Security Management for Member States of the OPCW in the Asian region, which was held in Doha, Qatar from 26 to 28 February 2019. The participants gained knowledge and a better understanding of various aspects of chemical safety and security management, including the development of a national framework, chemical facility oversight mechanisms, chemical plant audit mechanisms, and the role of academia and other stakeholders in learning and sharing of best practices in the area. The meeting was also an opportunity to raise awareness about regional issues related to implementation of the Convention.
11. During the reporting period the Secretariat organised the first Workshop on Developing Tools on Chemical Safety and Security Management, held at the OPCW Headquarters from 25 to 27 March 2019. The workshop was attended by 21 representatives comprising international and regional organisations, government agencies, chemical industries, academia, and relevant stakeholders, including representatives from ICCA and Cefic. The second workshop will be organised in Almaty, Kazakhstan from 2 to 6 December 2019, in order to further discuss the outstanding issues and finalise the work.
12. National Authorities and relevant stakeholders dealing with chemical safety and security management and the Responsible Care® programme attended the Seminar on the Chemical Weapons Convention and Chemical Safety and Security Management for Member States of the OPCW in Africa, which was held in Algiers, Algeria from 23 to 25 June 2019. The programme equipped participants with knowledge in the area of chemical safety and security management, including chemical safety and security risk assessment, scenario-based strategies, chemical threat assessment, vulnerability studies, and mitigation methods.

⁴ See ABEO-2/1 (dated 6 October 2016); ABEO-3/1 (dated 16 March 2017); ABEO-4/1 (dated 31 August 2017); ABEO-5/2 (dated 1 March 2018); ABEO-6/1 (dated 30 August 2018); ABEO-7/1 (dated 28 February 2019); and ABEO-8/1 (dated 22 August 2019).

13. During the Technical Workshop on the Sharing of Best Practices in the Development of a Legislative and Regulatory Framework on Chemical Security, held on 24 and 25 July 2019 at the OPCW Headquarters, an ICCA representative presented voluntary measures on chemical security implemented by the chemical industry. Representatives from the national chemical industry associations of Indonesia and the United Kingdom of Great Britain and Northern Ireland also participated in the workshop, which was attended by 20 participants from 12 States Parties and representatives of international organisations.
14. Ten industry representatives attended the Seminar on the Chemical Weapons Convention and Chemical Safety and Security Management for Member States of the OPCW in Latin America and the Caribbean, which was held in San José, Costa Rica from 15 to 18 July 2019. The programme equipped participants with knowledge in the area of chemical transport security, inventory management, quantitative risk assessment, scenario-based strategies to manage chemical security, chemical threat assessment and vulnerability studies, and mitigation methods.
15. Executives from a number of chemical industry associations and companies (listed in Annex 2) attended the third edition of the Executive Programme on Integrated Chemicals Management, held from 3 to 6 September 2019 in Bangkok, Thailand. They shared insightful views on trends in the development of the chemical industry at the global, regional, and national levels. Participants also presented experiences and best practices in integrated chemicals management in their respective industries, addressing policy issues as well as industrial management, science, and engineering, with a focus on safety, security, and sustainable management throughout the chemical life cycle.
16. An ICCA representative also attended the Seminar on the Chemical Weapons Convention and Chemical Safety and Security Management for Member States of the OPCW in Eastern Europe, held in Belgrade, Serbia from 21 to 23 October 2019. The workshop provided a platform for relevant stakeholders to exchange information on strengthening chemical safety and security in Eastern Europe as well as to learn about initiatives of chemical industry in that area.

Other events

17. Representatives from ICCA, Cefic, and ASIQUIM (Chile) were invited to participate in the fourth edition of the Review and Evaluation Workshop of the Components of an Agreed Framework for the Full Implementation of Article XI (C-16/DEC.10, dated 1 December 2011), which took place at the OPCW Headquarters on 1 July 2019. They shared views on challenges and initiatives for promoting the integrated chemicals management. The workshop provided an opportunity for Member States to further discuss the current progress of Article XI implementation.
18. The Secretariat also organised on 23 October 2018 the third edition of the “Forum on the Peaceful Uses of Chemistry: Potential Contribution of the OPCW to the Achievement of the United Nations Sustainable Development Goals (SDGs)” at the OPCW Headquarters. An ICCA representative presented a paper on the integrated approach to the SDGs by the chemical industry.

COOPERATION ACTIVITIES RELATED TO VERIFICATION

19. An ICCA representative participated as an observer in the 11 March 2019 meeting of the Industry Cluster, during which States Parties discussed, inter alia, topics raised during the Fourth Review Conference. The ICCA representative also attended the Industry Cluster meeting on 7 October 2019, which featured a discussion on technological evolution and chemical production and trends in the Schedule 2 industry.
20. The Scientific Advisory Board (SAB) continues to include chemical industry representatives among its members. In the report of its Twenty-Eighth Session (SAB-28/1, dated 14 June 2019), the SAB addressed a number of verification issues related to Article VI inspections and the chemical industry. In particular, as the SAB moves forward on its next science and technology review, it is considering the impact of digitalisation in industry. The Twenty-Eighth Session of the SAB featured participants from chemical industry who briefed the Board on these topics.

COOPERATION ACTIVITIES RELATED TO NATIONAL IMPLEMENTATION AND CAPACITY BUILDING

21. The National Authorities of States Parties to the Convention are to “serve as the national focal point for effective liaison with the Organization and other States Parties”.⁵ Their primary function is to coordinate the activities relating to the implementation of the Convention at the national level, with all relevant stakeholders within and outside the structure of the National Authority. With the chemical industry as a key stakeholder in the implementation of the Convention, the Secretariat has engaged the national industry in the capacity-building activities in recent years.
22. The chemical industry was invited to participate in the regional meeting of National Authorities of States Parties in Africa, which took place in Addis Ababa, Ethiopia from 12 to 14 June 2019. The meeting focused on the needs and priorities of African States Parties in the implementation of the Convention at the national, subregional, and regional levels. Its findings supported the design of the fifth phase of the OPCW’s “Programme to Strengthen Cooperation with Africa on the Chemical Weapons Convention”. An ICCA representative provided a detailed regional outlook on the role of chemical industry associations in Africa.
23. Together with National Authorities, representatives of chemical industry also attended the training course on fulfilling declarations and inspections obligations under Article VI of the Convention, held from 2 to 6 September 2019 at the OPCW Headquarters. The main objective of the training course was to enhance the knowledge and skills of the national stakeholders who are already involved in Article VI implementation in their countries. The training course is unique in that it provides a comprehensive overview of the Article VI industry verification regime requirements, namely identification of declarable activities, the submission of declarations, and the receiving of OPCW inspections. The continuing engagement with relevant

⁵ Paragraph 4 of Article VII of the Convention.

stakeholders, especially chemical industry, has proven useful to promote cooperation and successful implementation of obligations under the Convention.

24. An ICCA representative participated in the Subregional Stakeholders Forum on Advancing National Implementation of the Convention and Regional Cooperation in Latin America, held from 17 to 19 September 2019 in Buenos Aires, Argentina. The ICCA representative provided an overview of the issues and challenges facing chemical industries in the subregion. Representatives from the national chemical industry associations of four of the seven participating States Parties also attended this forum. Participants in the event discussed ways to enhance coordination between the National Authority and relevant stakeholders; strengthening the Convention verification regime by improving the mechanisms for site selection of facilities for inspection; and enhancing the national chemical security legal and regulatory framework as well as capacities to respond to chemical threats and emergencies.
25. The Secretariat continued to organise an annual meeting to promote cooperation between National Authorities and chemical industry and industry associations for the purpose of full and effective implementation of the Convention. A representative of ICCA has consistently provided expertise during these meetings. The sixth annual meeting took place from 15 to 17 October 2019 in Doha, Qatar with the participation of over 25 States Parties from all regions. The meetings provide a unique opportunity for representatives of the chemical industry and National Authorities to exchange practices and experiences with other countries. In this year's meeting participants discussed tools for disseminating good practices for cooperation between the National Authorities and the chemical industry.

THE WAY AHEAD

26. In accordance with decision C-19/DEC.2, the provisional agenda for the Twenty-Fourth Session of the Conference (C-24/1, dated 24 July 2019) contains an agenda item dedicated to the chemical industry and the scientific community. A draft decision allowing representatives of the global chemical industry and the scientific community to attend and participate in the Conference (C-24/DEC/CRP.4, dated 1 November 2019) has been submitted to the Conference for its approval at that same session.
27. The Secretariat will continue to strengthen its cooperation with the chemical industry within the current framework and in accordance with the relevant recommendations of the Third Review Conference. In 2020 the Secretariat plans to host two meetings of the CICG, and also together with ICCA is considering convening the meeting of the JSC.
28. During the reporting period the Secretariat was approached by the International Chemical Trade Association (ICTA),⁶ which expressed its desire to formalise

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ICTA is the union of chemical distributors established in 2016 to represent the interests of over 1,300 companies worldwide. It has both direct company and association members. Companies include formulators, wholesalers, distributors, resellers, importers, exporters, producer-commissioners, sales offices of the chemical industry, and logistics service providers.

cooperation with the OPCW. In the autumn of 2019 an informal meeting took place between the representatives of ICTA and the Secretariat. ICTA presented information about the association's purpose, membership, and its scope of activities. The Secretariat is currently analysing this information to determine whether and how closer cooperation with ICTA can benefit OPCW programmes and strengthen a broader dialogue with chemical industry associations.

Annexes:

- Annex 1: Chemical Companies Hosting the Industry Segment of the Associate Programme in 2019
- Annex 2: Events Organised Under the Chemical Safety and Security Management Programme and Attended by Chemical Industry Representatives Since 21 October 2018

Annex 1**CHEMICAL COMPANIES HOSTING THE
INDUSTRY SEGMENT OF THE ASSOCIATE PROGRAMME IN 2019**

	Company	Country
1.	Dow Química Argentina SRL	Argentina
2.	Oxiteno SA	Brazil
3.	Suatrans LTDA (Ambipar Group)	Brazil
4.	OXIQUIM SA	Chile
5.	PANIMEX QUÍMICA SA	Chile
6.	Shanghai Fujia Fine Chemicals Co. Ltd.	China
7.	Neste Oyj	Finland
8.	BASF SE	Germany
9.	PT. Kao Indonesia Chemicals	Indonesia
10.	PT. Pupuk Kalimantan Timur	Indonesia
11.	Nuova Solmine S.p.A.	Italy
12.	C.O.I.M. S.p.A.	Italy
13.	IOI Acidchem Sdn. Bhd.	Malaysia
14.	Grupa Azoty SA	Poland
15.	Grupa Azoty Zakłady Azotowe „Puławy” S.A.	Poland
16.	Qatar Petrochemical Company Q.P.J.S.C.	Qatar
17.	ERCROS	Spain

Annex 2

**EVENTS ORGANISED UNDER THE CHEMICAL SAFETY AND SECURITY
MANAGEMENT PROGRAMME AND ATTENDED BY CHEMICAL INDUSTRY
REPRESENTATIVES SINCE 21 OCTOBER 2018**

Programme	Venue	Dates	Participating Industry Associations and Companies
Forum on the Peaceful Uses of Chemistry: Potential Contribution of the OPCW to the Achievement of the United Nations Sustainable Development Goals	The Hague, Netherlands	23 October 2018	<ul style="list-style-type: none"> – Ecuadorian Association of Chemical Producers – Paranthan Chemicals Co., Ltd, Sri Lanka – Alzaharaa Pharmaceutical Plant, Sudan – Evonik AG, Germany
Workshop on the Peaceful Development and Use of Chemistry for Member States of the OPCW in the Asian Region	Seoul, Republic of Korea	30 October– 1 November 2018	<ul style="list-style-type: none"> – PT Syngenta Indonesia, Gunung Putri Site – International Chemical Industries, Inc., Philippines – Metro Industries, Inc. Philippines – Dialtextile Industries Pvt Ltd, Sri Lanka – Dipped Products Plc, Sri Lanka – Neethila Consultancy (Pvt) Ltd, Sri Lanka
Workshop on Green and Sustainable Chemistry: Fostering Chemical Safety and Security Through Innovation	The Hague, Netherlands	4–5 December 2018	<ul style="list-style-type: none"> – CADILA Pharmaceutical LTD, India – Federation of the Indonesian Chemical Industry – Solvay SA, Belgium
South Asia Regional Chemical Management Workshop	Colombo, Sri Lanka	4–6 December 2018	<ul style="list-style-type: none"> – Berger Paints Bangladesh Ltd – Navin Fluorine International LTD, India – Neuland Lab Limited, India – Indian Chemical Council – Responsible Care® Indonesia – PETRONAS Chemicals Group Berhad, Malaysia – Atlantic Coatings, Inc., Philippines

Programme	Venue	Dates	Participating Industry Associations and Companies
Seminar on the Chemical Weapons Convention and Chemical Safety and Security Management for Member States of the OPCW in the Asia region	Doha, Qatar	26–28 February 2019	<ul style="list-style-type: none"> – Global Talent Management Institute, Republic of Korea – Bangladesh Chemical Industries Corporation (BCIC) – Bodyline (Pvt) Limited, Sri Lanka – Ministry of Industry of the Republic of Indonesia – API India – Piramal Healthcare Ltd, Hyderabad, India – Nuevochem Specialties, Inc., Philippines – Responsible Care® Indonesia – Unilever Bangladesh Ltd.
Workshop on Developing Tools on Chemical Safety and Security Management	The Hague, Netherlands	25–27 March 2019	<ul style="list-style-type: none"> – DOW Brasil SA, Brazil – Federation of the Indonesian Chemical Industry – Atlantic Coatings, Inc., Philippines – Global Talent Management Institute, Republic of Korea – Solvay, Belgium – CNPC Niger Petroleum S.A., Niger – Pakistan Chemical Manufacturers' Association – Chemical Business Association, United Kingdom – Mannig Consulting, Germany (representing ICCA)
Seminar on the Chemical Weapons Convention and Chemical Safety and Security Management for Member States of the OPCW in the Africa Region	Algiers, Algeria	23–25 June 2019	<ul style="list-style-type: none"> – Chemical Evaluation and Research, Nigeria – Hayat Chemicals Algeria

Programme	Venue	Dates	Participating Industry Associations and Companies
Safety and Security Management for Member States of the OPCW in Latin America and the Caribbean	San José, Costa Rica	15–18 July 2019	<ul style="list-style-type: none"> – Oxiquim S.A. Chile <u>Costa Rica</u> – Sur Quimica SA Importadora Química del Norte – Irex de Costa Rica – Transmerquin de Costa Rica – Químicas Macías, S.A. y Distribuidora del Caribe, S.A. – Formulaciones Químicas S.A. –FORMUQUISA- – Distribuidora Chemsol – Pheroshop (Chemtica) – Lanco y Harris
Executive Programme on Integrated Chemicals Management	Bangkok, Thailand	3–6 September 2019	<ul style="list-style-type: none"> – YPF, Argentina – Tufail Chemical Industry, Pakistan – European Chemical Industry Council (CEFIC) – The Federation of Thai Industries, Thailand – Huntsman (Thailand), Ltd.
Workshop on Policy and Diplomacy for Scientists: Introduction to Responsible Research Practices in Chemical and Biochemical Sciences	Trieste, Italy	9–13 September 2019	<ul style="list-style-type: none"> – Mannig Consulting, Germany (representing ICCA)
Training Seminar on Ports and Maritime Chemical Safety and Security Management	Doha, Qatar	30 September–2 October 2019	<ul style="list-style-type: none"> – Chemical Industries Malaysia – e-Response Alert Sdn Bhd, Malaysia
Annual Course of Loss Prevention and Safety Promotion in the Chemical Process Industries for Asia and GRULAC	Wuppertal, Germany	23–27 September 2019	<ul style="list-style-type: none"> – HIL (India) Ltd

Programme	Venue	Dates	Participating Industry Associations and Companies
Seminar on the Chemical Weapons Convention and Chemical Safety and Security Management for Member States of the OPCW in the Eastern Europe Region	Belgrade, Serbia	21–23 October 2019	<ul style="list-style-type: none">– Grupa Azoty S.A. Poland– Michelin Romania– Brenntag SRL, Romania– Mannig Consulting, Germany (representing ICCA)