

**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 of the Third Special Session of the Conference of the States Parties to Review the Operation of the Chemical Weapons Convention, 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 previously in Notes by the Director-General: C-19/DG.14 (dated 3 October 2014), C-20/DG.15 (dated 16 November 2015) and C-21/DG.15 (dated 3 October 2016).
3. The content of C-21/DG.15 was presented to States Parties during the informal consultation on chemical industry and other Article VI issues at OPCW Headquarters on 7 October 2016, in the presence of a representative of the International Council of Chemical Associations (ICCA).
4. A presentation compiling all the aforementioned Notes was also delivered by the Technical Secretariat (hereinafter “the Secretariat”) during the Annual Meeting of Chemical Industry Representatives and National Authorities of States Parties to the Convention held in Doha, Qatar, from 16 to 18 October 2016. This meeting, which was attended by chemical industry representatives from 17 States Parties and the European Chemical Industry Council (Cefic), included break-out sessions which covered the three areas of cooperation with chemical industry, i.e education and outreach, chemical safety and security, and verification activities.

**ENGAGEMENT WITH THE INTERNATIONAL COUNCIL OF CHEMICAL ASSOCIATIONS**

5. As described in C-20/DG.15, following an exchange of letters, a coordination mechanism was established with the ICCA in 2015 through the creation of the OPCW-ICCA Joint Steering Committee, as well as the establishment of the Chemical Industry Coordination Group (CICG).



6. The CICG met for the fourth time at the OPCW Headquarters on 29 June 2017, involving as for previous meetings four representatives of the chemical industry<sup>1</sup> and staff of the Secretariat. This CICG meeting was focused on the progress achieved in the three aforementioned areas of cooperation, as well as the programme of work for the upcoming months. This programme will inform the discussions of the OPCW-ICCA Joint Steering Committee that plans to meet on 27 October 2017 in Vienna, Austria, following the invitation to the Director-General to attend the meeting of the ICCA Board of Directors. A fifth CICG meeting is also scheduled on 23 November 2017, in the margins of the Nineteenth Annual Meeting of National Authorities in order to give the opportunity to the representatives of ICCA to meet with representatives of National Authorities and exchange views on issues of common interest.
7. As in 2014 and 2015, following the adoption of decision C-19/DEC.2 (dated 1 December 2014), the agenda of the Twenty-first Session of the Conference of the States Parties (hereinafter “the Conference”) in 2016 included an item dedicated to the chemical industry and the scientific community. As a result, and following the adoption of C-21/DEC.3 (dated 28 November 2016), the representatives of the chemical industry were invited to address the Conference during the plenary sitting. On this occasion, the ICCA Council Secretary (in 2016) and President and Chief Executive Officer of the American Chemistry Council, Mr Cal Dooley, delivered a statement<sup>2</sup> on behalf of ICCA and met the Director-General during a bilateral meeting. The presence of chemical industry experts at this session of the Conference also provided the opportunity for several bilateral meetings with the Secretariat. During a meeting dedicated to the subject on 14 December 2016, each organisation's public affairs activities, including social media outreach, were further discussed, as well as the possibilities for joint outreach activities. It was agreed to continue to promote the cooperation and support of the chemical industry as described below, through OPCW social media and press releases.
8. The ICCA Council Secretary since January 2017 and Director-General of Cefic, Mr Marco Mensink, attended the commemorative ceremony marking the twentieth anniversary of the OPCW on 26 April 2017. Chemical companies and chemical industry associations, moreover, actively participated in the numerous national or regional events<sup>3</sup> that commemorated the twentieth anniversary of the OPCW. Finally, one representative of ICCA participated in each panel discussion focused on the achievements and the challenges faced by the Organisation that were organised as part of the commemoration before the regional meetings of National Authorities held in

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A representative of the International Chemical Trade Association (ICTA) participated for the first time in the CICG meeting, at the invitation of ICCA and Cefic.

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See on the ICCA website: <https://www.icca-chem.org/2016/12/06/icca-and-the-chemical-weapons-convention/>

3

Such events included the conference and workshop “The CWC yesterday, today ... and tomorrow?” in Prague, the Czech Republic, on 19 April 2017; the event “Comprehensive Chemical Safety & Security Best Practices for Pakistani Chemical Industry” held in Islamabad, Pakistan, on 9 and 10 May 2017; and the event “20th Anniversary of Entry Into Force of the Convention” held in Zagreb, Croatia on 31 May 2017. Additional upcoming events comprise the workshops “Preventing the Misappropriation of Chemical Products or Facilities” in Paris, France and the “Commemorative Event to Celebrate the 20th Anniversary of the Chemical Weapons Convention and the OPCW” in Johannesburg, South Africa, both on 17 October 2017.

Tbilisi, Georgia (3 May 2017), in Dubai, the United Arab Emirates (16 May 2017), in Montego Bay, Jamaica (13 June 2017) and in Banjul, the Gambia (18 July 2017).

### **COOPERATION ACTIVITIES RELATED TO EDUCATION AND OUTREACH**

9. As reported previously, one of the major contributions of the chemical industry associations in the OPCW capacity-building activities is their substantial involvement in the Associate Programme. In 2017, with the support of ICCA and national chemical associations<sup>4</sup>, 18 chemical plant sites from 15 Member States (see Annex 1) hosted participants of the Associate Programme for a three-week training course held from 4 to 22 September 2017. 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 (CBA) of the United Kingdom of Great Britain and Northern Ireland.
10. With regard to other OPCW capacity-building programmes to promote responsible uses of chemistry, as in 2016, an invitation to a training workshop in Russian on best practices to develop the Responsible Care® programme for the chemical industry (S/1451/2017) was issued on 18 January 2017. Chemical industry representatives were also invited to attend the second workshop on green and sustainable chemistry in the context of the Convention (S/1520/2017, dated 24 July 2017) that will be held in The Hague, the Netherlands, on 16 and 17 November 2017.
11. As in May 2016, chemical industry representatives were also invited to present their views on a wide range of issues during the symposium on women in chemistry, held in The Hague on 2 May 2017. A representative of the Chemical & Allied Industries' Association (CAIA) of South Africa delivered a presentation focused on capacity development during the meeting of the Open-Ended Working Group on the Future Priorities of the OPCW (OEWG-FP) on 10 April 2017.
12. Education and outreach activities involving chemical industry were also addressed during all meetings<sup>5</sup> of the Advisory Board on Education and Outreach (ABEO) that have taken place since its First Session in April 2016. A representative of ICCA was invited to attend all meetings as an observer.
13. As a follow-up to the numerous communications from chemical industry associations and chemical societies condemning the use of chlorine as a weapon, experts of the American Chemical Society (ACS), the American Chemistry Council (ACC), Euro Chlor (an affiliate of Cefic) and the Union des Industries Chimiques (UIC, member of Cefic) offered to assist the Secretariat in its mission by sharing relevant knowledge. Expert consultations were subsequently held between the Secretariat and the aforementioned organisations.

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<sup>4</sup> The German Chemical Industry Association (VCI), the Italian National Chemical Industry Federation (FEDERCHEMICA), the Spanish Chemical Industry Federation (FEIQUE), the Brazilian Chemical Industry Association (ABIQUIM), and the Federation of Indonesian Chemical Industry (FIKI).

<sup>5</sup> Refer to ABEO-2/1, dated 6 October 2016; ABEO-3/1, dated 16 March 2017; and ABEO-4/1, dated 31 August 2017.

## **COOPERATION ACTIVITIES RELATED TO CHEMICAL SAFETY AND SECURITY**

14. Since 2009, the Secretariat has carried out a chemical safety and security management programme which has to date trained more than 1,500 experts, in cooperation with more than 40 States Parties from all regions and in partnership with other international organisations, government agencies, and specialised centres. Eight workshops and courses have been organised under the programme since November 2016, all involving participants from the chemical industry (see Annex 2).
15. Among the eight aforementioned events the Secretariat, in collaboration with the Chinese authorities, organised the first “Executive Programme on Integrated Chemicals Management” from 29 August to 1 September 2017. This programme was attended by many chemical industry representatives (listed in Annex 2) with managerial responsibilities who shared insightful views on the trend of chemical industry development at the global, regional and national levels. They also shared their experiences and best practices on 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 lifecycle.
16. In 2016, States Parties were invited (S/1362/2016, dated 7 March 2016), on a voluntary basis, to communicate their specific needs in chemical safety and security management, as well as to provide information on their respective countries’ existing tools, guidance, and best practices in this area, including those related to the chemical industry and laboratories. Based on the information received, a report on the needs and best practices on chemical safety and security management was published on 30 November 2016 and shared with the States Parties. Following the publication of the report, the Secretariat organised a series of workshops to further discuss needs assessment and dissemination of relevant best practices. These workshops were also attended by chemical industry representatives, as listed in Annex 3.
17. Chemical industry representatives<sup>6</sup> were also invited to speak on ongoing and planned initiatives for the security of chemical facilities and the transport of chemicals to eliminate or reduce risks during the “International Conference on Chemical Disarmament and Security: The OPCW’s Contributions to Global Peace and Security” that took place on 10 and 11 April 2017 in Doha, Qatar.
18. As major stakeholders in the chemical lifecycle, representatives of chemical manufacturers and chemical trade associations were invited to participate in the “Expert Workshop on International Chemical Security Coordination”. This workshop took place in The Hague on 28 and 29 September 2017, with the principal aim of building consensus among the OPCW’s key stakeholders (industry, think tanks, international organisations, and academics) on the need to increase international cooperation on chemical security, with a view to strengthening the OPCW’s role in that process.

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Representatives of Cefic, the ABIQUIM, the Chemical Industries Association of the United Kingdom of Great Britain and Northern Ireland, and the Indian Chemical Council (ICC).

## COOPERATION ACTIVITIES RELATED TO VERIFICATION

19. As reported previously, during its meeting in April 2016, the OPCW-ICCA Joint Steering Committee agreed that the issue of transfer discrepancies should be addressed as a cooperative effort. With a view to obtaining an overview on data sets, methods, and tools used in industry to monitor the trade of chemicals, a meeting was hosted by Cefic at its headquarters on 26 September 2016. A follow-up workshop was organised in Frankfurt on 1 March 2017 by Cefic together with the German chemical industry association, with the aim of further analysing sources of transfer discrepancies and identifying means for improvement. As a result of the workshops, the ICCA expressed the intention to issue a paper presenting the ICCA views on transfer discrepancies.
20. A representative of the Secretariat was invited to participate in the two-day workshop “Conference Chemia 2017” organised by the Association of Chemical and Pharmaceutical Industry of the Slovak Republic on 26 and 27 September 2017. Participants received a briefing on OPCW activities related the implementation of the Article VI verification regime.
21. With a view to supporting the Secretariat’s efforts to inform accordingly the States Parties’ discussions on biomediated processes during the informal consultations on chemical industry and other Article VI issues, the Secretariat was invited to conduct a technical visit in October 2016 to a Dutch company that engages in biomediated processes for the production of chemicals.
22. The ICCA also presented its views on the future priorities of the OPCW related to verification during the meeting of the OEWG-FP on 31 January 2017.
23. The chemical industry provided technical and in-kind support to the inspector training programme. In December 2016, a Dutch company hosted a mock inspection as part of the training programme of 15 new inspectors.
24. Representatives of ICCA participated in an OPCW Scientific Advisory Board (SAB) workshop on trends in chemical production<sup>7</sup>, which was held from 3 to 5 October 2017 in Zagreb, Croatia. The ICCA participants shared their views on trends and developments in the global chemical industry. Topics reviewed included sustainability in chemistry, bio-based production of specialty and fine chemicals, pharmaceuticals and pesticides.

## THE WAY AHEAD

25. As in 2015 and 2016, and in accordance with C-19/DEC.2, the provisional agenda for the Twenty-Second Session of the Conference (C-22/1, dated 13 July 2017) contains an agenda item dedicated to the chemical industry and the scientific community. A draft decision allowing representatives of the global chemical industry to address the Conference during the plenary of its Twenty-Second Session will be submitted to the Conference for its approval at that same session.
26. As reported in paragraph 6 above, a meeting of the OPCW-ICCA Joint Steering Committee is scheduled on 27 October 2017 in Vienna, Austria and a CICG meeting is

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The report from the workshop will be released as a working paper of the upcoming Twenty-Sixth Session of the SAB (to be held from 16 to 20 October 2017 at OPCW Headquarters).

scheduled on 23 November 2017 at OPCW Headquarters in the margins of the Nineteenth Annual Meeting of National Authorities. These meetings should bring forward the current common initiatives and projects and inform the work plan for 2018.

27. By giving representatives of the global chemical industry the opportunity to express their views on the implementation of the Convention, including in meetings of the policy-making organs, the engagement of the chemical industry will be sustained and will become increasingly practical in nature.

Annexes:

- Annex 1: Chemical Companies Hosting the Industry Segment of the Associate Programme in 2017
- Annex 2: Events Organised Under the Chemical Safety and Security Management Programme and Attended by Chemical Industry Representatives since November 2016
- Annex 3: Workshops on Needs Assessment and Best Practices on Chemical Safety and Security Management Attended by Chemical Industry Representatives

**Annex 1****CHEMICAL COMPANIES HOSTING THE  
INDUSTRY SEGMENT OF THE ASSOCIATE PROGRAMME IN 2017**

	<b>Company</b>	<b>Country</b>
1.	Dow Chemicals	Argentina
2.	Oxiteno	Brazil
3.	Suatrans Emergência S.A.	Brazil
4.	Shanghai Lianheng Isocyanate Co. Ltd.	China
5.	Bochemie a. s.	Czech Republic
6.	DuPont Nutrition Biosciences ApS	Denmark
7.	BASF SE - Limburgerhof	Germany
8.	PT Pupuk Kujang	Indonesia
9.	Endura S.p.A	Italy
10.	So.g.i.s. S.p.A	Italy
11.	Mitsubishi Chemical Corporation	Japan
12.	Sumitomo Chemical Co., Ltd.	Japan
13.	Monsanto Sdn. Bhd.	Malaysia
14.	Lyondell-Basell (plant site in Münchsmünster, Germany )	Netherlands
15.	Zakłady Azotowe Puławy PLC	Poland
16.	SABIC - Sadaf plant site-Jubail	Saudi Arabia
17.	BASF, Hospitalet de Llobregat	Spain
18.	Camso Loadstar (Pvt) Ltd.	Sri Lanka

## Annex 2

**EVENTS ORGANISED UNDER THE CHEMICAL SAFETY AND SECURITY  
MANAGEMENT PROGRAMME AND ATTENDED BY CHEMICAL INDUSTRY  
REPRESENTATIVES SINCE NOVEMBER 2016**

<b>Programme</b>	<b>Venue</b>	<b>Dates</b>	<b>Participating Industry Associations and Companies</b>
Seoul Workshop on the Peaceful Development and Use Of Chemistry	Seoul, Republic of Korea	2 – 4 November 2016	<ul style="list-style-type: none"> <li>– Lanxess India Pvt. Ltd, India</li> <li>– SK Incheon Petrochem. Co. Ltd, Republic of Korea</li> <li>– Lankem Ceylon Ltd, Sri Lanka</li> <li>– Dain Consulting, Republic of Korea</li> </ul>
Chemical Safety and Security Management for Asian Member States of the OPCW	Doha, Qatar	21 – 23 February 2017	<ul style="list-style-type: none"> <li>– Federation of the Indonesian Chemical Industry, Indonesia</li> <li>– MSJ Industries, Sri Lanka</li> <li>– GLM Korea Business Assurance</li> </ul>
Chemical Safety and Security Management for African Member States of the OPCW	Kampala, Uganda	27 – 29 March 2017	<ul style="list-style-type: none"> <li>– Chemical &amp; Allied Industries Association, South Africa</li> </ul>
The Chemical Weapons Convention and Chemical Safety and Security Management for Member States of the OPCW in the African Region	Algiers, Algeria	15 – 17 May 2017	<ul style="list-style-type: none"> <li>– Chemical &amp; Allied Industries Association, South Africa</li> </ul>
The Chemical Weapons Convention and Chemical Safety and Security Management for Member States of the OPCW in the GRULAC Region	Mexico City, Mexico	17 – 19 July 2017	<ul style="list-style-type: none"> <li>– Chemical Association, Chile</li> <li>– Petroquímica de Venezuela (PEQUIVEN), Venezuela</li> <li>– Servicio de Bomberos de Refinerias, Uruguay</li> </ul>
Loss Prevention and Safety Promotion in the Chemical Process Industries	Wuppertal, Germany	4 – 7 April 2017	<ul style="list-style-type: none"> <li>– Bissa Gold, Burkina Faso</li> <li>– EDESAC, Peru</li> <li>– OMNIA Group, South Africa</li> <li>– Sherwin Williams S.A., Chile</li> <li>– Suatrans Emergencia, Brazil</li> </ul>

Programme	Venue	Dates	Participating Industry Associations and Companies
(two parallel courses for Member States in the Africa region and the Asia and GRULAC regions, respectively)			<ul style="list-style-type: none"> <li>– ZETDC ZESA, Zimbabwe</li> </ul>
Executive Programme on Integrated Chemicals Management	Shanghai, China	29 August – 1 September 2017	<ul style="list-style-type: none"> <li>– Roxy Paints LTC, Bangladesh</li> <li>– Joint Stock Company (NAFTAN) Polymir Plant, Belarus</li> <li>– Brazilian Chemical Industry Association, Brazil</li> <li>– Korea Responsible Care Council, Republic of Korea</li> <li>– Petronas Chemical Group Berhad, Malaysia</li> <li>– Myanma Petrochemical Enterprise, Myanmar</li> <li>– Conoil Plc, Nigeria</li> <li>– Sabic Company, Saudi Arabia</li> <li><b>China industries:</b></li> <li>– Sinopec Shanghai Petrochemical Company Limited</li> <li>– Sinochem International Corp.</li> <li>– Liaoning Chemical Industry Association</li> <li>– Shandong Luxi Chemical Industry Group Co., Ltd</li> <li>– Shenyang Chemical Industry Co., Ltd.</li> <li>– Liming Chemical Industry Designing Institute Co., Ltd.</li> <li>– Shanghai Huayi (Group) Company</li> <li>– Hunan Guofa Fine Chemicals Industry Company</li> <li>– Hunan Haili Chemical Industry Co., Ltd.</li> <li>– Shandong Luxi Chemical Industry Group Co., Ltd</li> <li>– Zhejiang Shenghua Baike Biotech Company</li> <li>– Jiangsu Saiao Biochemical Co., Ltd.</li> <li>– Sanmenxia Aoke Chemical Co., Ltd.</li> <li>– Henan Qingshuiyuan Technology Company</li> </ul>

<b>Programme</b>	<b>Venue</b>	<b>Dates</b>	<b>Participating Industry Associations and Companies</b>
			<ul style="list-style-type: none"><li>– Nantong Jiangshan Chemical Co., Ltd.</li><li>– Zhejiang Wynca Chemical Group Company</li><li>– China Controlled Chemicals Association</li></ul>

## Annex 3

**WORKSHOPS ON NEEDS ASSESSMENT AND BEST PRACTICES ON  
CHEMICAL SAFETY AND SECURITY MANAGEMENT  
ATTENDED BY CHEMICAL INDUSTRY REPRESENTATIVES**

<b>Programme</b>	<b>Venue</b>	<b>Dates</b>	<b>Participating Industry Associations and Companies</b>
Workshop on Needs Assessment and Best Practices on Chemical Safety and Security Management	Riga, Latvia	13 – 15 December 2016	<ul style="list-style-type: none"> <li>- Enterprise Nationale des Verres &amp; Abrasif, Algeria</li> <li>- EPE SHYMECA SPA Group, Algeria</li> <li>- Indian Chemical Council, India</li> <li>- P.T. Dystar Colour, Indonesia</li> <li>- Dow Chemical Company, Indonesia</li> <li>- P.T. Nippon Shokubai, Indonesia</li> <li>- Camso Loadstar (Pvt) Ltd, Sri Lanka</li> <li>- Orient Trading Industrial Company, Sudan</li> <li>- JSC Grindeks, Latvia</li> </ul>
Workshop on Needs Assessment and Best Practices on Chemical Safety and Security Management for the African Region	Yaoundé, Cameroon	27 February – 1 March 2017	<ul style="list-style-type: none"> <li>- Tanzania Biotech Products Limited, United Republic of Tanzania</li> <li>- Alumcam, Cameroon</li> </ul>
Workshop on Needs Assessment and Best Practices on Integrated Chemical Management	Jakarta, Indonesia	20 – 22 March 2017	<ul style="list-style-type: none"> <li>- Fatimafert Limited, Pakistan</li> <li>- Metro Industries Inc., Philippines</li> <li>- PT Syngenta Indonesia</li> <li>- PT Petrokimia Gresik, Indonesia</li> <li>- PT Nippon Shokubai, Indonesia</li> </ul>