



**REPORT OF THE EIGHTH SESSION  
OF THE ADVISORY BOARD ON EDUCATION AND OUTREACH**

**1. AGENDA ITEM ONE – Opening of the session**

- 1.1 The Advisory Board on Education and Outreach (ABEO) met for its Eighth Session from 20 to 22 August 2019 at the OPCW Headquarters in The Hague, the Netherlands.
- 1.2 The Chairperson of the ABEO for 2019, Dr Jean Pascal Zanders, opened the session at 9:45 on 20 August 2019.
- 1.3 A list of participants is contained in the Annex to this report.

**2. AGENDA ITEM TWO – Adoption of the agenda, appointment of drafting committee**

- 2.1 The ABEO adopted the following agenda for its Eighth Session:
  1. Opening of the session
  2. Adoption of the agenda, appointment of drafting committee
  3. Address by the Director-General
  4. Overview of developments at the OPCW since the last session of the ABEO
    - (a) General update
    - (b) Update on the work of the Scientific Advisory Board
  5. ABEO members report on intersessional activities
  6. ABEO meeting Branch Heads and Team Leaders
  7. ABEO goals and priorities 2019-2021
  8. Discussion of work undertaken by intersessional working groups
    - (a) The “history of chemical weapons use” as a possible educational tool
    - (b) The adoption of active learning approaches and improvement of presentation skills of Technical Secretariat staff
    - (c) Preparing new E&O materials
    - (d) A new list of “Other Resources” for the E&O resources page



9. Topics identified at the Seventh Session of the ABEO for further consideration
    - (a) Reviewing and updating the OCPW's e-learning resources
    - (b) Exploring linkages between the OPCW's E&O work and relevant initiatives of the United Nations and other international organisations
    - (c) Use of Yammer and alternative collaboration platforms
  10. Election of the ABEO Chairperson and Vice-Chairperson for 2020
  11. Any other business
  12. Discussion of the draft session report
  13. Adoption of the session report
  14. Closure of the session
- 2.2 The Board appointed Dr Johannes Georg Weinig, Dr Jo Husbands, Mr Shahabud Din, and Dr Jean Pascal Zanders to the drafting committee.
- 3. AGENDA ITEM THREE – Address by the Director-General**
- 3.1 Ambassador Fernando Arias, the Director-General of the OPCW Technical Secretariat (hereinafter “the Secretariat”), welcomed the ABEO members to the Eighth Session of the Board and thanked them for their important contribution to the work of the Organisation. He noted the work of the Board undertaken in the intersessional period since last February in relation to exploring the history of chemical weapons use, active learning approaches, the creation of new education and outreach (E&O) materials, and the identification of additional resources for the OPCW website.
- 3.2 The Director-General further expressed his support for the Board's initiative on e-learning and noted the Organisation's need to strengthen its E&O capacity online, which is the most easily accessible communication channel worldwide. He noted that an enhanced e-learning offering will increase the ability to engage with a broader spectrum of audiences, particularly younger generations, to better prepare key stakeholders for the more traditional training formats the Secretariat offers, and to save on resources for both the Secretariat and course participants. In this context, the Director-General also thanked ABEO member Professor Hernandez Rizzardini for extending his stay to conduct a one-day training course on e-learning for Secretariat staff.
- 3.3 The subsequent discussion between the ABEO and the Director-General touched upon issues such as:
- (a) ways and means for the ABEO to better engage with the different stakeholders, including Secretariat staff and National Authorities;
  - (b) possibilities of continued interaction with the chemical societies and associations that in the past have supported OPCW goals, such as by condemning the use of chlorine as a weapon;

- (c) increased levels of transparency that have been achieved, inter alia, through the redesigned public OPCW website, which contains the vast majority of official OPCW documents for public access; and
- (d) budgetary constraints, in particular the zero-nominal growth policy, under which the Secretariat has had to operate for the past few years and which proved to be increasingly untenable.

#### **4. AGENDA ITEM FOUR – Overview of developments at the OPCW since the last session of the ABEO**

##### **Subitem 4(a): General update**

- 4.1 The Secretary to the ABEO, Dr Alexander Kelle, provided a general update to the Board on developments since its previous session in February 2019. He noted that although both the Ninetieth and Ninety-First Sessions of the Executive Council (hereinafter “the Council”) had concluded without a final report, both sessions had accomplished substantive progress on a number of issues, as evidenced by documents noted and decisions taken. Dr Kelle also made reference to the follow-up activities relating to the Fourth Review Conference,<sup>1</sup> most notably the informal consultations that had occurred since the Ninetieth Session of the Council. He also addressed the issuing of both the Draft OPCW Programme and Budget for 2020 (EC-92/CRP.1, dated 5 July 2019) and the Medium-Term Plan of the Organisation for the Prohibition of Chemical Weapons 2020 – 2024 (EC-92/S/1 C-24/S/1, dated 22 July 2019) and provided some context on the formulation of both documents and upcoming budget consultations by States Parties.
- 4.2 In the subsequent discussion, the issues raised included:
- (a) budgetary issues, including the use of surpluses from past years’ budgets;
  - (b) the possibility of ABEO members organising events in Africa that would make use of active learning approaches;
  - (c) the potential participation of ABEO members in regional capacity-development events;
  - (d) the role the ABEO could play in re-focusing the attention of stakeholders to the post-destruction phase;
  - (e) the need for the ABEO to better understand the Organisation’s capacity-development strategy and the usefulness, in this context, of engagement with senior Secretariat staff;
  - (f) the relationship between the traditional core objectives of the Organisation and the more recent addition of four result areas as structuring principles when discussing the results that the Organisation is expected to achieve in

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<sup>1</sup> Fourth Special Session of the Conference of the States Parties to Review the Operation of the Chemical Weapons Convention.

implementing the Chemical Weapons Convention (hereinafter “the Convention”); and

- (g) the availability of European Union (EU) funds to support the Organisation’s work beyond the regular annual budget, including for the translation of E&O materials.

**Subitem 4(b): Update on the work of the Scientific Advisory Board**

- 4.3 The Secretariat’s Science Policy Adviser and Secretary to the Scientific Advisory Board (SAB), Dr Jonathan Forman, provided updates on the work of the SAB, proposals for changes to the schedules of chemicals, and engagement with the scientific community.
- 4.4 He informed the ABEO of the passing of former SAB and ABEO member Mr Valentin Rubaylo. The Board expressed its sorrow about losing a committed member of the ABEO, whose dedication to the Organisation and its goals was evident in his contributions.
- 4.5 Since the Seventh Session of the ABEO, the SAB had held its Twenty-Eighth Session from 10 to 14 June 2019, and the SAB’s temporary working group (TWG) on investigative science and technology had met for the third time from 2 to 4 April 2019. At its Twenty-Eighth Session, the SAB submitted initial recommendations from the TWG to the Director-General, and initiated its programme of work for the post-Fourth Review Conference scientific review.
- 4.6 Dr Forman also discussed ongoing science communication activities of the Secretariat, which have gained increased importance in light of the recent proposals submitted under paragraphs 4 and 5 of Article XV to add new chemicals and/or families of chemicals to Schedule 1A of the Convention’s Annex on Chemicals.
- 4.7 Turning to engagement with scientific communities, Dr Forman discussed recent and upcoming events. Additionally, he briefed the ABEO on crowd-sourcing activities for projects that have been facilitated with funding from EU Council decisions in 2015 and 2019. In closing his updates, Dr Forman addressed the Secretariat’s experiences with science advice, science diplomacy, and science communication.
- 4.8 In the subsequent discussion, the issues raised included:
  - (a) the value of using the materials presented across OPCW workshops and meetings that are broader than science-focused events. Using the materials more broadly in training would more effectively disseminate and raise awareness of their availability; and
  - (b) the positive effects of the highly interactive and hands-on briefings in drawing the attention of States Parties’ delegations. This could result in greater willingness to engage with States Parties on scientific topics and better allow decision makers to consider scientific and technical issues from a practical perspective.

**5. AGENDA ITEM FIVE – ABEO members report on intersessional activities**

- 5.1 Dr Austin Aluoch reported on his stay at Sandia National Laboratories in the United States of America from December 2018 to June 2019, during which he developed chemical security training materials and skills. Dr Aluoch also participated in a workshop in Kuwait, where he gave an introduction on the subject of chemical security at the Middle East & North Africa Clinical Toxicology Association (MENATOX). He also attended an American Chemical Society meeting in Washington, D.C. on chemical safety education and participated in a programme to determine the extent to which chemical safety is taught at university level in developing countries. In July 2019, he visited Bayer AG in Bergkamen, Germany, under the auspices of the Safety Training Programme of the International Union of Pure and Applied Chemistry (IUPAC).
- 5.2 Dr Adriana Bernacchi informed the Board that she had participated as an instructor on the “Principles and Scope of Biosecurity” course, together with Dr Luis Alberto Ochoa from Mexico, at the Fifth Argentine Meeting on Biosafety and Biosecurity, held in May in Buenos Aires, Argentina.
- 5.3 Mr Shahabud Din noted his participation in three events: a regional training course on emergency response to chemical incidents for States Parties in Asia, in the Republic of Korea; a chemical transportation security workshop in Pakistan, held jointly by the National Authority of Pakistan and the United States Department of State Chemical Security Program; and a national seminar on chemical and biological threat assessment. The events consisted of a complete set of training modules covering general awareness and threat assessment. They provided local and international participants with the requisite awareness regarding the OPCW’s ongoing activities.
- 5.4 Professor Alastair Hay gave three talks on chemical weapons issues to members of the general public. The first talk was part of a British national programme to bring academia and the public together, the second took place at a “Café Scientifique” venue, and the third was part of a series of talks run by museums in the city of Leeds, the United Kingdom of Great Britain and Northern Ireland. In addition, Professor Hay delivered a half-day training course on active learning approaches to a delegation from the National Authority of the Gambia as part of the Mentorship/Partnership Programme with the United Kingdom of Great Britain and Northern Ireland.
- 5.5 Dr Johannes Georg Weinig briefed the board on the newly established International Sustainable Chemistry Collaborative Centre (ISC3), its strong linkages to the United Nations Sustainable Development Goals (SDGs) and the German Chemical Society (GDCh), and his attendance at the 1st ISC3 Stakeholder Forum in June in Bonn, Germany, at which he gave an introduction on subject of the ABEO.
- 5.6 Dr Anna Zalewska presented the outcomes of her studies on the problem of non-representational theory and embodied experience in connection with the ways in which the history of chemical weapons can be treated as a trigger for reflection on the value of the Convention and on the OPCW mission. Based on specific experiences from her intersessional activities such as seminars and “in situ workshops” that she addressed to different audiences, Dr Zalewska stressed the great potential and value

(social and cognitive) of material, visual, and audial traces alongside the textual trace in the E&O process.

- 5.7 Dr Jean Pascal Zanders briefed the ABEO members on his running of a two-week executive course on CBRN<sup>2</sup> dual-use technology transfer controls in Nur-Sultan, Kazakhstan, in June 2019. The course was informed by the ABEO's recommendations in its "Report on the Role of Education and Outreach in Preventing the Re-Emergence of Chemical Weapons" (ABEO-5/1, dated 12 February 2018). He discussed the challenges encountered in a multinational setting with an audience with diverse professional backgrounds and the solutions deployed. He linked the experiences to possible educational activities of National Authorities and their local stakeholder communities.

## **6. AGENDA ITEM SIX – ABEO meeting Branch Heads and Team Leaders**

- 6.1 The Head of the Public Affairs Branch provided the Board with an update on the progress in implementing the multilingual OPCW website project. She also briefed the Board on the Secretariat's approach to crisis communication.

- 6.2 In the subsequent discussion, issues raised included:

- (a) some features of the new public OPCW website, such as the ease of access to the calendar of events and vacancy notices on the OPCW website, or features of the site's search function;
- (b) the value of updating Wikipedia pages of relevance to the OPCW's work and the need for quality control in this context;
- (c) the possibility of publishing small information articles addressed to the general public for dissemination via social media channels, and associated capacity constraints;
- (d) the viability of an electronic subscription system for alerting subscribers to official OPCW documents as they become available on the public website; and
- (e) the need to determine the target audience, purpose, sustainability, and quality control mechanisms for a potential series of ABEO "issue briefs" before they could be published on the OPCW website. The Board decided to clarify these issues in the upcoming intersessional period.

- 6.3 The Leader of the Investigation and Identification Team (IIT), Ambassador Santiago Oñate, briefed the Board on the mandate of the IIT, which stems from a decision adopted by the Conference of the States Parties (hereinafter "the Conference") at its Fourth Special Session in June 2018 (C-SS-4/DEC.3, dated 27 June 2018). He elaborated briefly on the objectives and working methods of the IIT and noted that it currently had three instances of chemical weapons use under review. Mr Oñate also touched upon support received from the Secretariat and some States Parties, while

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<sup>22</sup>

CBRN = chemical, biological, radiological, and nuclear.

mentioning that others, including the Syrian Arab Republic, had not provided any support to the IIT so far.

- 6.4 In the subsequent discussion, issues raised included:
- (a) the importance of the IIT conducting its work in a technical and impartial way in support of the goals of the Convention;
  - (b) procedures for handling evidence not received from other units in the Secretariat;
  - (c) the implications of not having received access to the sites of alleged chemical weapons use in the Syrian Arab Republic;
  - (d) the geographical distribution of IIT core team members across all five regions recognised by the Convention; and
  - (e) the different mandates of the OPCW Fact-Finding Mission in Syria, the Declaration Assessment Team, the OPCW-United Nations Joint Investigative Mechanism, and the IIT, which have as their only commonality the focus on chemical weapons in the Syrian Arab Republic.

## **7. AGENDA ITEM SEVEN – ABEO goals and priorities 2019-2021**

- 7.1 In an exercise facilitated by Board member Dr Craig Cormick, the projects of the intersessional working groups were presented in one-minute pitches by the group leaders and the Board members were asked to evaluate all proposed projects in a SMART assessment.<sup>3</sup>
- 7.2 The SMART assessment enables the Board to distinguish between priority projects, projects that currently exist or are nearly ready, and projects that will continue as capacity allows.
- 7.3 The exercise showed the usefulness of the SMART assessment and the Board agreed to use this tool for future planning. The Board also recognised its potential for the Secretariat and other OPCW bodies. The results of the exercise are summarised in Annex 2.

## **8. AGENDA ITEM EIGHT – Discussion of work undertaken by intersessional working groups**

### **Subitem 8(a): The “history of chemical weapons use” as a possible educational tool**

- 8.1 Dr Jean Pascal Zanders reported on the status of deliberations on using historical events relating to chemical weapons use in educational settings. As a result of discussions with some States Parties and intersessional exchanges among ABEO members, the idea of using historical events has been expanded to include disarmament, legacies, and stakeholder roles. A variety of tools in support of

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<sup>3</sup> SMART = strategic, measurable, achievable, realistic, timely.

educational goals has already been proposed, and future discussions will have to consider which historical topic can be best paired with which tool. ABEO members discussed and suggested amendments and additions to Dr Zanders' draft proposal. He will present a final report with recommendations to the ABEO at its Ninth Session.

8.2 Dr Anna Zalewska and Dr Craig Cormick presented a proposal to develop an educational resource entitled "History Use without Abuse". This would draw on the medium of history of chemical weapons use to engage with young people on issues related to chemical weapons and the work of the OPCW. In a first step, teaching modules would be developed for discussion with educators. Based on the educators' feedback, more modules could be developed to cover issue areas identified by the educators. Members of the ABEO history group could draft materials, comment on each other's drafts, and target users to provide inputs on content and style. Dr Zalewska and Dr Cormick will take the lead on this initiative.

8.3 In the subsequent discussion, issues raised included:

- (a) the inclusion of academia as a key stakeholder in this process;
- (b) awareness of potential political sensitivities and the ways to address them with relevant stakeholders;
- (c) the usefulness of having educators, such as those involved in the curriculum of the International Baccalaureate, take part in the development of educational materials; and
- (d) the importance of developing a framework of reference for "history of chemical weapons use" before embarking on the design of practical educational tools.

**Subitem 8(b): The adoption of active learning approaches and improvement of presentation skills of Technical Secretariat staff**

8.4 The Board received an update by Professor Alastair Hay on a proposal for training OPCW staff on active learning approaches, which is in preparation. In February 2018, the ABEO published a report on effective learning strategies which showed that there is now a substantial body of data demonstrating that, where an audience is actively engaged in what is being discussed, information is more likely to be retained. Professor Hay suggested that the next steps will focus on how to implement training for OPCW staff and to explain why it is advantageous for the OPCW to encourage staff to undergo the training. The proposal will set out options including the length of time needed for effective training, the balance between classroom training and individual coaching sessions, how this might be achieved within the OPCW, the resources required, and possible constraints. Professor Hay will finalise the document by mid-October 2019.

8.5 In the subsequent discussion, issues raised included:

- (a) the need to embed active learning approaches into longer-term or strategic thinking;



- (b) the notion of “permanent education” in order to address staff turnover in the Secretariat and National Authorities;
- (c) the possibility of conducting a series of “Education and Outreach for Diplomats” events;
- (d) having educational resources available at short notice that are fit for purpose; and
- (e) the need for senior management buy-in for active learning approaches.

**Subitem 8(c): Preparing new E&O materials**

- 8.6 During the intersessional period, the working group on “New E&O Materials” reviewed the 17 United Nations SDGs and identified targets that could be used to show how the successful implementation of the Convention is of relevance to the SDGs. SDG 6, “Clean Water and Sanitation”, which aims to ensure universal availability and sustainable management of water and sanitation and has the underlying target 6.1, which aims to achieve, by 2030, “universal and equitable access to safe and affordable drinking water for all”, was chosen as a first example. This allows the ABEO to tell the story of chlorine as a vital multiple-use chemical that can also be used as a weapon; describe the history of how it has been used as a weapon; and highlight the condemnation by scientific societies and chemical industry associations of that weaponisation as an example of responsible conduct. After discussion of the matter, the Board encouraged the working group members to finalise the work on the chlorine story, including possible materials, in time for the Twenty-Fourth Session of the Conference. Dr Weinig will lead the initiative.
- 8.7 The working group suggested creating engaging YouTube videos in whiteboard style that support different projects undertaken by the ABEO. A first example of this type of video with the title “Did you know – OPCW?” was produced by Board member Dr Craig Cormick to illustrate what is possible, even with limited resources, and will be redrafted in consultation with Secretariat staff to suit OPCW uses, with the aim of making this available in time for the Twenty-Fourth Session of the Conference.
- 8.8 The Board noted that Wikipedia is a first point of contact for many members of the public, and is an important analytic for Google searches. In light of this and taking further into account that some of the information contained on these pages is inaccurate or outdated, the Board recommended that Wikipedia pages be updated by Board members on an ad hoc personal basis, to include OPCW links. Such updates should seek to:
- (a) provide links to relevant OPCW pages rather than including lengthy text about the OPCW in entries;
  - (b) refer text entries to Secretariat staff for comments, in case any significant text changes are needed;
  - (c) add relevant OPCW links to “External links” pages; and
  - (d) edit pages in languages other than English.

- 8.9 The Board further discussed the development of a brochure containing guidelines for chemical safety and security management for National Authorities (including chemical industry and laboratories) and decided to return to the issue during the Ninth Session of the ABEO.
- 8.10 The Board was informed by Rocaél Hernández Rizzardini about an initial draft for a Massive Open Online Course on chemistry and chemical weapons for a general audience. This course has the potential to contribute to the OPCW's E&O efforts. It will be developed by Galileo University in Guatemala City, Guatemala, and will benefit from inputs from several ABEO members.

**Subitem 8(d): New list of "Other Resources" for the E&O resources page**

- 8.11 The working group was charged to "prepare a new list of "Other Resources" for the OPCW E&O resources page as part of the Board's 2019 Work Plan"; the Board considered several proposals. The group also began a discussion with Secretariat staff about how best to organise the E&O resources page on the OPCW website to make it as accessible and user-friendly as possible as the number of resources continues to grow.
- 8.12 The Board discussed and approved the next steps and procedures. Dr Jo Husbands will further coordinate the project, which will comprise:
- (a) a process to review potential materials for inclusion in the updated "Other Resources" webpage will be initiated. The first review will be conducted on the materials contributed by group members during the intersessional period; and
  - (b) a process for adding resources in official OPCW languages other than English. ABEO members will help identify resources in Arabic, French, and Spanish, and other experts who can assist with resources in Chinese and Russian will be identified.
- 8.13 Mr Shahabud Din introduced two syllabi on chemical safety and security topics. The first one includes three segments on familiarisation with the Convention, laboratory safety and security, and an industrial segment. The second syllabus, on chemical and security management in industrial facilities, includes segments on international obligations, chemical risk management, and transportation security. These two syllabi could provide relevant stakeholders with an in-depth first exposure to relevant concepts for application in a practical context, and will be added to the collection of "Other Resources".

**9. AGENDA ITEM NINE – Topics identified at the Seventh Session of the ABEO for further consideration**

**Subitem 9(a): Reviewing and updating the OPCW's e-learning resources**

- 9.1 The e-learning coordinator in the Secretariat, Mr Royd Chisanga, gave the Board an overview of the status of e-learning at the OPCW. He noted that e-learning was introduced in 2012 as part of an internal Learning Management System (LMS). Subsequently, modules were developed for external audiences and efforts were

undertaken to standardise e-learning across the Secretariat and to establish a community of practice. The Board was further informed that external access would remain through the public OPCW website, also after the transition to a new platform for hosting the e-learning modules, and that there are currently no dedicated staff in the Secretariat for developing e-learning modules.

9.2 Mr Chisanga provided additional information on the technologies used, including the new LMS available from early 2020, the authoring tool to create engaging e-learning content, available video-editing software, and a new virtual classroom synchronous facility embedded in the new LMS. In addition, he elaborated on the reporting and evaluation functions available in the new LMS.

9.3 In the subsequent discussion, issues raised included:

- (a) the number of courses available for internal and external training;
- (b) the number of registrations for the different courses offered and the number of completed courses;
- (c) the eligibility to access courses and the composition of the student community; and
- (d) the potential for blended learning by combining e-learning modules with traditional forms of training taking place at OPCW Headquarters.

**Subitem 9(b): Exploring linkages between the OPCW's E&O work and relevant initiatives of the United Nations and other international organisations**

9.4 The Secretary to the ABEO informed the Board of the limited success in engaging with other international disarmament organisations on their E&O activities and what the OPCW might learn from those activities. He also noted a review of on-line educational materials that had been conducted in the intersessional period. This review suggested a potentially smaller benefit to the Organisation from emulating these materials than had originally been assumed.

9.5 In the subsequent discussion, issues raised included:

- (a) the need to differentiate between education activities, such as e-learning courses, and outreach activities, including the development of editorial lines on topics of interest to the Organisation; and
- (b) the potential utility of analysing the E&O activities of other international organisations, such as the Inter-American Development Bank, the United Nations Interregional Crime and Justice Research Institute (UNICRI), and the United Nations Educational, Scientific and Cultural Organization (UNESCO).

9.6 The Board also noted the E&O dimension of the United Nations Secretary-General's Disarmament Agenda, and the discourse surrounding the SDGs. It further suggested seeking inclusion of a section on the OPCW's E&O activities in the United Nations Secretary-General's periodic reports on disarmament education.

**Subitem 9(c): Use of Yammer and alternative collaboration platforms**

9.7 The Board noted the difficulties encountered by several of its members in using the Yammer platform and decided to conduct its intersessional work via email exchange until another suitable document-sharing platform is identified. The Board asked the Secretary to the ABEO to explore the availability and suitability of SharePoint in this context.

**10. AGENDA ITEM TEN – Election of the ABEO Chairperson and Vice-Chairperson for 2020**

The Board elected Dr Jo Husbands as its Chairperson and Dr Adriana Bernacchi as Vice-Chairperson for 2020.

**11. AGENDA ITEM ELEVEN – Any other business**

11.1 The Board agreed to prepare an engagement event for States Parties during the Twenty-Fourth Session of the Conference and the Ninth Session of the ABEO. Dr Craig Cormick agreed to take the lead on these initiatives.

11.2 The Board decided to prepare a statement to the Conference at its Twenty-Fourth Session, to be delivered by Professor Alastair Hay.

11.3 The Board thanked the current Chairperson and Vice-Chairperson, Dr Jean Pascal Zanders and Dr Jo Husbands, for their leadership of the Board during 2019.

11.4 The Board thanked the Secretary to the ABEO, Dr Alexander Kelle, for his support of the work of the Board and wished him well for his future endeavours.

11.5 The Board expressed its appreciation to the delegation of Germany for sponsoring the lunch preceding its briefing for States Parties on 22 August 2019.

11.6 The Board agreed to hold its Ninth Session from 3 to 5 March 2020 in The Hague.

**12. AGENDA ITEM TWELVE – Discussion of the draft session report**

The Board discussed the draft report of its Eighth Session.

**13. AGENDA ITEM THIRTEEN – Adoption of the session report**

The Board adopted the report of its Eighth Session.

**14. AGENDA ITEM FOURTEEN – Closure of the session**

The ABEO Chairperson closed the Eighth Session of the Board at 16:11 on 22 August 2019.

Annex 1: List of Participants at the Eighth Session of the Advisory Board on Education and Outreach

Annex 2: Outcome of the Priority-Setting Exercise under Agenda Item 7

**Annex 1**

**LIST OF PARTICIPANTS\* AT THE EIGHTH SESSION  
OF THE ADVISORY BOARD ON EDUCATION AND OUTREACH**

1. Dr Adriana Bernacchi
2. Dr Craig Cormick
3. Dr Jean-Pascal Zanders
4. Dr Johannes Georg Weinig
5. Prof. Rocael Hernandez Rizzardini
6. Prof. Tatsuya Abe
7. Dr Austin Aluoch
8. Prof. Mohd Jamil Bin Maah
9. Prof. Fatima Lamchouri
10. Mr Shahabud Din
11. Dr Anna Zalewska
12. Prof. Alastair Hay
13. Dr Jo Husbands
14. Dr Mark Cesa (observer: IUPAC)

\* Apologies: Prof. Vijay Raghvan Krishnaswamy  
Mr William Garcia (observer: International Council of Chemical  
Associations)

\* Absent: Ms Gaukhar Mukhatzhanova

**Annex 2**

**OUTCOME OF THE PRIORITY SETTING EXERCISE UNDER AGENDA ITEM 7**

<b>Priority Projects</b>	<b>Audience</b>	<b>Timelines</b>
Conduct workshops with OPCW staff to improve the design of e-learning courses to better engage students and support their success in courses	OPCW staff, and through them OPCW stakeholders	August
YouTube animation video(s) on OPCW work	General public, youth, stakeholders with low engagement	October
SDG and chlorine resource	General public, engaged public audiences	Draft by October
Active learning training of OPCW staff	OPCW staff, and through them OPCW stakeholders	Proposal by October
Update “Other Resources” links on the E&O web page	Engaged public and stakeholders	Ongoing

<b>Projects that Currently Exist or Are Near Ready:</b>	<b>Audience</b>	<b>Timeline</b>
Brochure on chemical weapons for industry	Industry	Ready for Pakistan. Needs to be updated for different countries.
Online chemical safety module for universities	Universities	Ready for use
Online chemical safety and security module for industry	Industry	Ready for use

<b>Projects that Will Continue as Capacity Allows</b>	<b>Audience</b>	<b>Timeline</b>
Mind map on history of chemical weapons	Engaged public	2020
History of chemical weapons use education resource	Upper high school	2021
Updating Wikipedia entries	General public	Ongoing
MOOC on chemistry and chemical weapons for the general public	Engaged public	2020