

Revised Paragraphs for Insertion into Draft Report

18 *bis*. With respect to both topics of the Meeting, States Parties recognised the need for proportional measures, for carefully assessing risks, for balancing security concerns against the need to avoid hampering the peaceful development of biological science and technology, and for taking national and local circumstances into account.

19. Having considered national, regional and international measures to improve biosafety and biosecurity, and recognising the need to take into account respective national circumstances and legal and regulatory processes, States Parties noted their common understanding that in the context of the Convention, *biosafety* refers to principles, technologies, practices and measures implemented to prevent the accidental release of, or unintentional exposure to, biological agents and toxins, and *biosecurity* refers to the protection, control and accountability measures implemented to prevent the loss, theft, misuse, diversion or intentional release of biological agents and toxins and related resources as well as unauthorized access to, retention or transfer of such material.¹

20. Recognising that biosafety and biosecurity measures contribute to preventing the development, acquisition or use of biological and toxin weapons and are an appropriate means of implementing the Convention, States Parties agreed on the value of:

- (i) National authorities defining and implementing biosafety and biosecurity concepts in accordance with relevant national laws, regulations and policies, consistent with the provisions of the Convention and taking advantage of relevant guidance and standards, such as those produced by the FAO, OIE and WHO;
- (ii) National governments taking the leading role, including by nominating a lead agency (or focal point), specifying mandates for participating departments or agencies, ensuring effective enforcement and regular review of relevant measures, and integrating such measures into relevant existing arrangements at the national, regional and international level;
- (iii) National governments, supported by other relevant organisations as appropriate, using tools such as: accreditation, certification, audit or licensing for facilities, organizations or individuals; requirements for staff members to have appropriate training in biosafety and biosecurity; mechanisms to check qualifications, expertise and training of individuals; national criteria for relevant activities; and national lists of relevant agents, equipment and other resources.
- (iv) Ensuring measures adopted are practical, sustainable, enforceable, are readily understood and are developed in concert with national stakeholders², avoid unduly restricting the pursuit of the biological sciences for peaceful purposes, are adapted for local needs, and appropriate for the agents being handled and the

¹ This constitutes an understanding and is not a definition of biosafety and biosecurity. It is not binding on States Parties.

² In this report, the term “stakeholders” refers, as appropriate according to national circumstances, to relevant actors such as scientists, researchers and other professionals in the life sciences; editors and publishers of life science publications and websites; and organizations, institutions, government agencies, and private companies acting in life sciences research or education, and any other legal entity that is involved in the stockpiling, transport or use of biological agents, toxins or other resources relevant to the Convention.

work being undertaken, including through applying appropriate risk assessment and risk management strategies.

- (v) Building networks between scientific communities and academic institutions and increasing interaction with professional associations and working groups at the national regional and international level, including through dedicated workshops, seminars, meetings and other events, as well as using modern information technologies and appropriate risk communication strategies and tools;
- (vi) International cooperation on biosafety and biosecurity at the bilateral, regional and international levels, in particular to overcome difficulties encountered by some States Parties where additional resources, improved infrastructure, additional technical expertise, appropriate equipment and increased financial resources are needed to build capacity.
- (vii) The Implementation Support Unit, in accordance with its mandate, facilitating networking activities, maintaining lists of relevant contacts, and acting as a clearing house for opportunities for international cooperation and assistance on biosafety and biosecurity, including through tools such as a database containing information on such opportunities for international cooperation and assistance.

20 *bis*. States Parties noted that pursuing biosafety and biosecurity measures could also contribute to the fulfilment of their other respective international obligations and agreements, such as the revised International Health Regulations of the WHO, and relevant codes of the World Organisation for Animal Health (OIE). The States Parties recalled United Nations Security Council Resolution 1540 (2004) that places obligations on all states and is consistent with the provisions of the Convention³.

21. Recalling that the Sixth Review Conference stressed the legal obligation to facilitate and have the right to participate in the fullest possible exchange of equipment, materials and scientific and technological information for the use of bacteriological (biological) agents and toxins for peaceful purposes, States Parties recognised the value of cooperation and assistance to build biosafety and biosecurity capacity, particularly in States Parties in need of assistance in the fields of disease surveillance, detection, diagnosis and combating of infectious diseases and related research.

22. States Parties encouraged those States Parties in a position to do so to provide assistance, upon request, to other States Parties to enact and improve national legislation to implement biosafety and biosecurity; to strengthen laboratory infrastructure, technology, security and management; to conduct courses and provide training; and to help incorporate biosafety and biosecurity in existing efforts to address emerging or re-emerging diseases. States Parties noted that where relevant assistance is currently available bilaterally and regionally, as well as through international organisations, those seeking assistance are encouraged, as appropriate, to make use of existing offers to the fullest extent possible.

23. Having considered the oversight of science, States Parties recognised the value of developing national frameworks to prohibit and prevent the possibility of biological agents or toxins being used as weapons, including measures to oversee relevant people, materials, knowledge and information, in the private and public sectors and throughout the scientific life

³ See BWC/CONF.VI/6, Part II, paragraph 17.

cycle. Recognising the need to ensure that such measures are proportional to risk, do not cause unnecessary burdens, are practical and usable and do not unduly restrict permitted biological activities, States Parties agreed on the importance of involving national stakeholders in all stages of the design and implementation of oversight frameworks. States Parties also noted the value of harmonizing, where possible and appropriate, national, regional and international oversight efforts.

24. States Parties recognized the importance of ensuring that those working in the biological sciences are aware of their obligations under the Convention and relevant national legislation and guidelines, have a clear understanding of the content, purpose and foreseeable social, environmental, health and security consequences of their activities, and are encouraged to take an active role in addressing the threats posed by the potential misuse of biological agents and toxins as weapons, including for bioterrorism. States Parties noted that formal requirements for seminars, modules or courses, including possible mandatory components, in relevant scientific and engineering training programmes and continuing professional education could assist in raising awareness and in implementing the Convention.

25. States Parties agreed on the value of education and awareness programmes:

- (i) Explaining the risks associated with the potential misuse of the biological sciences and biotechnology;
- (ii) Covering the moral and ethical obligations incumbent on those using the biological sciences;
- (iii) Providing guidance on the types of activities which could be contrary to the aims of the Convention and relevant national laws and regulations and international law;
- (iv) Being supported by accessible teaching materials, train-the-trainer programmes, seminars, workshops, publications, and audio-visual materials;
- (v) Addressing leading scientists and those with responsibility for oversight of research or for evaluation of projects or publications at a senior level, as well as future generations of scientists, with the aim of building a culture of responsibility;
- (vi) Being integrated into existing efforts at the international, regional and national levels.

26. Having considered codes of conduct, States Parties agreed that such codes can complement national legislative, regulatory and oversight frameworks and help guide science so that it is not misused for prohibited purposes. States Parties recognised the need to further develop strategies to encourage national stakeholders to voluntarily develop, adopt and promulgate codes of conduct in line with the common understandings reached by the 2005 Meeting of States Parties and taking into account discussions at the 2008 Meeting of Experts.

27 *bis*. States Parties noted the importance of balancing "top-down" government or institutional controls with "bottom-up" oversight by scientific establishments and scientists themselves. Within the framework of oversight, States Parties recognised the value of being informed about advances in bio-science and bio-technology research with the potential of use

for purposes prohibited by the Convention and the necessity of strengthening ties with the scientific community. States Parties welcomed the important contributions made to their work by the scientific community and academia, including national and international academies of science and professional associations, as well as industry-led initiatives to address recent developments in science and technology, and encouraged greater cooperation between scientific bodies in various States Parties.

27. *ter.* The States Parties further considered that in pursuing the above understandings and actions, States Parties could, according to their respective circumstances and constitutional and legal processes, take into account the considerations, lessons, perspectives, recommendations, conclusions and proposals drawn from the presentations, statements, working papers and interventions made by delegations on the topic under discussion at the Meeting of Experts, as contained in Annex I of the Report of the Meeting of Experts (BWC/MSP/2008/MX/3), as well as the synthesis of these considerations, lessons, perspectives, recommendations, conclusions and proposals contained in BWC/MSP/2008/L.1, which is attached to this report as Annex I. This annex was not proposed for adoption as an outcome of the Meeting, and therefore was not discussed with that aim. Thus, the annex was not agreed upon and consequently has no status.
