

**Fourth Meeting
Geneva, 10-14 December 2007**

**Meeting of Experts
Geneva, 20-24 August 2007**

**CONSIDERATIONS, LESSONS, PERSPECTIVES,
RECOMMENDATIONS, CONCLUSIONS AND PROPOSALS DRAWN
FROM THE PRESENTATIONS, STATEMENTS, WORKING PAPERS
AND INTERVENTIONS ON THE TOPICS UNDER DISCUSSION
AT THE MEETING**

(As of 15:30 on 23 August)

Implementing the Articles of the Convention

State	Proposal Text	Source (e.g. WP.1 or Statement 22/08 AM)
Cuba (on behalf of the NAM and Other States)	Review national regulations of States Parties governing international exchanges and transfers in order to ensure their consistency with the objectives and provisions of Article X	Statement 20/08/07 AM
China	[Create] national implementation mechanisms[s] with [a] clear division of responsibility and effective coordination.	Statement 20/08/07 AM
China	[Ensure the existence of] Effective measures... [for] national implementation legislation, law enforcement, institutionalization and international cooperation.	Statement 21/08/07 AM
China	Establish an implementation legal system in accordance with the Convention and respective constitutional process and in light of national situations.	Statement 21/08/07 AM
China	Reviews, assessment and updates should be carried out in a timely manner.	Statement 21/08/07 AM

China	A series of effective administrative measures should be adopted to ensure the strict law enforcement and punish violations accordingly.	Statement 21/08/07 AM
Netherlands	An overview of BWC ways of implementation in BWC States would be useful	Statement 21/08/07 AM
Netherlands	Stress the need for coordination of inspection and enforcement of existing legislation and guidelines	Statement 21/08/07 AM
Switzerland	A review process of the national laws crucial to ensure that... national framework[s] on the control of biological substances is in tune with the international developments	Statement 21/08/07 PM
Switzerland	Implementation [is] not only about enacting laws, enforcing legislation and putting in place oversight mechanisms. In addition, raising awareness of the Convention's provisions among the relevant stakeholders – be they from academia, defense or otherwise is crucial	Statement 21/08/07 PM
Germany	National implementation of the BTWC does not only mean to transform legally binding BTWC obligations into legislative and administrative measures. It also includes the full implementation of measures agreed at BTWC Review Conferences	WP.4
Republic of Korea	[National implementation measures] can be categorized into three mechanisms: Prohibition, Management and Implementation.	WP.6
United States	The goal of early disruption and prevention of bioterrorist acts is greatly advanced by criminalizing the conduct that leads up to the deployment of a biological agent through criminal offenses such as attempts and conspiracies.	WP.11
Iran (Islamic Republic of)	Laws and regulations [should be] subject to periodic update, taking into account the progressive nature of the developments in the field of science and technology and according to the country's needs.	WP.18
Japan	National measures need to... ensure appropriate legislative, penal, administrative, security and policy measures	Statement 22/08/07AM
India	States Parties should fully implement their obligations under the Convention and adopt national measures, including the enforcement of legislative and administrative measures, to ensure their compliance with all the provisions of the Convention.	Statement 20/08/07 AM
Netherlands and United Kingdom	All BTWC States Parties need to assess regularly the adequacy and effectiveness of their existing national measures to enforce the Convention and adopt and enforce any additional measures that may be required.	WP.3
Australia	Bring science closer to the law enforcement agencies.	WP.12
Australia	Improve the level of technical expertise available to law enforcement agencies.	WP.12

Australia	National implementation [could] cover enactment of penal legislation, ensuring the safety and security of biological materials, strengthening disease surveillance capacities, and promoting training and awareness-raising.	WP.13
Libyan Arab Jamahiriya	Apply the Convention totally and transparently, with the only exception that no constraints must be placed on countries using such technology for peaceful purposes	Statement 20/08/07 AM
Russian Federation	Full implementation of measures agreed at past review conferences includes timely and regular submissions of CBMs	Statement 20/08/07 AM
Australia	Provision of biosafety and biosecurity training to other States Parties helps fulfil Article X obligations.	WP. 13
Australia	Preference for Checklist and drafting elements rather than 'model legislation'.	Statement 23/08/07 AM
Turkey	Comprehensive provisions for penalizing acts of producing, importing or exporting, transporting from one place to another, keeping, selling, buying or processing nuclear, radiological, biological and chemical weapons (WMD) should be enforced. Accordingly, national laws should ensure that violation of such provisions would constitute a punishable criminal offence. Effective export controls and enhanced security in customs and ports are complementary to the implementation of the BTWC.	Statement 21/08/07 AM
Brazil	Establish a legal framework aimed at appropriately addressing all aspects of the Convention and adopt practical implementation of such legal dispositions.	WP.21

Scope of national implementation measures

State	Proposal Text	Source (e.g. WP.1 or Statement 22/08 AM)
China	Cover the whole range of prohibition articles of the Convention, export control, biosafety and biosecurity, public health, [and] infectious disease surveillance	Statement 20/08/07 AM
Republic of Korea	Enactment and effective enforcement of appropriate legislative measures... to prohibit and prevent the development, production, acquisition, transfer, retention, stockpiling and use of biological and toxin weapons[, including]... penal legislation[, as well as] tightened national export control and regulations of biosafety and biosecurity are essential elements for enhancing national implementation mechanisms	Statement 20/07/08 AM
Pakistan	[National implementation measures can include] a stringent biosafety and biosecurity regime.	Statement 20/08/07 AM

Saudi Arabia	[Establish a] regulatory framework... [to] respond to all the concerns and issues referred to in the text of the Convention, such as legal, regulatory and administrative measures, prohibition and control procedures, the promulgation of legislation conducive to their implementation, and the question of security, surveillance, supervision and related issues.	Statement 20/07/08 AM
China	Stipulate in detail the classification and management of pathogens and microorganisms, the storage and transport procedures [for] bacteria, virus[es] and [associated] specimens, examination and grant procedures regarding the qualifications of laboratories and their activities, the supervision of liabilities, etc.	Statement 21/08/07 AM
China	Establish detailed procedures on the registration, production, research and supervisions of the veterinary drugs and veterinary biological products, as well as punishment provisions.	Statement 21/08/07 AM
China	Establish [an] infectious disease surveillance system and improves the system of reporting, notifying and publishing regime for infectious diseases	Statement 21/08/07 AM
New Zealand	Biosecurity requires awareness, vigilance, incursion response, and sound and effective management procedures. To be effective, however, these measures need to be backed by legislation, transparency and commitment.	Statement 21/08/07 PM
United Kingdom	Clear guidance for industry and academia on the implementation of national export licensing regulations and procedures, especially on intangible technology is a vital principle for all States.	Statement 21/08/07 PM
Germany	Basic common principles are, <i>inter alia</i> ,: <ul style="list-style-type: none"> • licensing requirement for handling dangerous biological materials, • complying with specific requirements for gaining a license, i.e. professional knowledge and personal reliability, • classification of organisms and experiments according to risk assessment, • availability of safe and secure infrastructure according to risk classification, • transfer of biological materials only between licensees, • regulations for safe rail, road, air and waterway/sea transport, • control of licensees, experiments and facilities by respective medical, veterinary, phytohygiene and plant/facility safety agencies of the Federal States. 	WP.4
Germany	Legally binding implementing measures including penalties for violation of the prohibitions	WP.5
Germany	Extraterritorial application of penal legislation contributes to	WP.5

	international peace and security by preventing gaps in the enforcement of the prohibitions related to biological weapons. This is essential at least as long as the prohibitions related to biological weapons are not yet implemented on a global scale in an equally restrictive manner.	
Japan	[Elements for national implementation measures include:] penal legislation... overseas application... duties and powers of responsible authorities	WP.7
Switzerland	The implementation of appropriate biosafety measures through legislation regulating biological research, diagnostics and production facilities is a relevant obligation to the Convention.	WP.9
United States	Deterrence of acts involving the illicit possession or use of biological agents (or toxins) is accomplished through clear legal prohibitions and resulting penalties commensurate with the dangerousness of the offense.	WP.11
Poland	Implementation and enforcement of regulations [might cover:] <ul style="list-style-type: none"> • Regulat[ing]... possession, transfer and multiplication of listed (human, animal plant) pathogens or their toxins... • Listing scientists, laboratories and industrial facilities to perform research or practical use of those pathogens • Obligations to report laboratory or industrial incidents involving release of those pathogens... including obtaining, processing and transport of biological material from such cases 	Statement 22/08/07 AM
Poland	Problems which remain to be regulated [include the] control and penalization of spread of know-how and propaganda related to production of biological weapons, including ban on certain web pages	Statement 22/08/07 AM
New Zealand	Effective biosecurity regime is essential	WP.15
New Zealand	A comprehensive national biosecurity strategy [includes:] <ul style="list-style-type: none"> • Government and public commitment to biosecurity; • Capacity and capability to identify, prevent and manage biosecurity risks and threats; • A cooperative and consultative approach to identify biosecurity risks; • Government and stakeholder partnerships to ensure adequate funding for biosecurity activities (these include central, regional and local government, importers/exporters, industry, community groups..., tertiary and science institutions, pest management companies); • Clear accountabilities for biosecurity; • A legislative framework that meets... biosecurity needs; • Ensuring that exotic biosecurity risks are managed off shore where practicable; 	WP.15

	<ul style="list-style-type: none"> • Consistent assessment of biosecurity risks across and within organisations with responsibilities for biosecurity; • Consistent application of cost-effective risk-mitigating measures for identified risks; • Communication programmes that increase the public's awareness, understanding and ownership of biosecurity; • Biosecurity research...; • Ensuring that relevant international biosecurity obligations are met. 	
Iran (Islamic Republic of)	Appropriate guidelines for monitoring and conducting research activities on new substances and/or newly emerged viruses.	WP.18
Iran (Islamic Republic of)	<p>Legislative and executive organizations [could] consider the following principles in their work:</p> <ul style="list-style-type: none"> • Strengthening preparedness level as well as safety and security measures in dealing with toxic or dangerous substances (through issuing directives for safety of physical facilities where biological experiments are conducted, establishing national standards, issuing directives for monitoring and surveillance of biological experiments as well as determining administrative and executive roles and responsibilities for conducting such experiments), • Taking maximum advantage of the active networks and existing potentials in the country (through expansion of training networks), • Utilizing global scientific resources such as those offered by the UN Agencies, • Close monitoring of any cases of violation of the Convention in different parts of the region and in any other part of the world as well as analysis of their human and environmental effects, • Active participation in submitting the confidence building measures report, • Scientific cooperation both in theoretical as well as practical aspects for upgrading relevant International health regulations, • Holding training courses and specialized gatherings in order to establish scientific and ethical codes for scientists and experts. 	
Pakistan	<p>Salient features of biosafety rules [include:]</p> <ul style="list-style-type: none"> • Risk assessment and risk management • Certification of high level containment laboratories • Production of living modified organism can only commence with consent of National Biosafety 	Statement 22/08/07 AM

	<p>Committee</p> <ul style="list-style-type: none"> • The Biosafety Guidelines... conform to the international guidelines of UNIDO, FAO, WHO and UNEP 	
Netherlands and United Kingdom	Penal provisions are required for example, for breaches of biosafety, biosecurity and transfer control requirements and preparatory and assistance activities that would violate the BTWC's Article 1	WP.3
Slovakia	<p>[National implementation measures could address:]</p> <ul style="list-style-type: none"> • the rights and duties of individuals, natural-person entrepreneurs, and legal entities as regards the prohibition of the development, production, stockpiling, keeping and use of biological weapons and their destruction, when handling them and detecting highly hazardous biological agents and toxins that might be used in a manner infringing the prohibition of biological weapon; • the conditions for handling highly hazardous biological agents; • the role the State Administration in the field of compliance with the prohibition of biological weapons;... • criminal sanctions 	WP.14
Iran (Islamic Republic of)	Respect relevant World Health Organization guidelines and recommendations for organizing individuals and institutions directly or indirectly involved in any laboratory activities on biological agents and toxins	WP.18
Cuba	Apply specific legislation in the areas of biosafety and bioprotection	Statement 22/08/07 AM
Cuba	Activities which involve biological risk [should be] subject to regulatory procedures which ensure safety in these activities, evaluating the risks that these activities may pose to human health and the environment	Statement 22/08/07 AM
Libyan Arab Jamahiriya	Establish a control and inspection machinery for food products and... ensure this is properly used... [and] promulgate legislation on the control and inspection of food products	Statement 20/08/07 AM
Portugal (on behalf of the European Union)	While the implementation of the obligations contained in the Convention is first and foremost an obligation of States Parties, we consider that regional and sub-regional cooperation approaches complement and reinforce national measures	Statement 20/08/07 AM
Portugal (on behalf of the European Union)	Revitalize the interest in and the use of CBMs and... increase the transparency in the implementation of the BTWC	WP.1
Portugal (on behalf of the	The UN Secretary General's mechanism [is] a useful instrument in case of alleged use of biological weapons...	Statement 20/08/07

European Union)	[should] contribute actively to keeping the network of experts and laboratories up-to-date and on stand-by.	AM
Russian Federation	Full implementation of measures agreed at past review conferences includes timely and regular submissions of CBMs	Statement 20/08/07 AM
Russian Federation	For the sake of enhancing the effectiveness of national export controls give regular briefings to national exporters, in order to raise awareness and update them on new developments, and engage them in consultations, conferences and seminars to create an atmosphere of cooperation and partnership.	Statement 21/08/07 PM
Sudan	[National implementation measures can include:] <ul style="list-style-type: none"> • A well structured programme for capacity building through taking all the necessary national measures to implement the Convention at the national level... • The establishment of a focal point... • The drawing up of national legislation, as well as • Providing support to strengthen national scientific institutions and national enforcement agencies 	Statement 20/08/07 AM
OPCW	Primary Legislation [can] typically cover: <ul style="list-style-type: none"> • Definitions • Composition, mandate and powers of National Authority • Prohibitions • Penalties for violations • Extraterritorial application to nationals • Requirement to submit data... • Requirement to protect confidential information 	Statement 23/08/07 AM
OPCW	Subsidiary regulations [can] typically cover: <ul style="list-style-type: none"> • Licensing of production facilities • Import/Export controls • Procedures for submitting... data 	Statement 23/08/07 AM
Sweden	Areas of significance for successful implementation [include:] <ul style="list-style-type: none"> • Legislation and guidelines for handling dangerous pathogens, including genetically modified organisms • Lists of pathogens and toxins that are subject to specific guidelines and legislation and • The importance of stringent biosafety and biosecurity regimes. 	Statement 23/08/07 AM
Sweden	It is important to include dual-use and potential for misuse of research in the concept of biosecurity... [as] this issue is not fully covered in guidelines, regulations and oversight of work with pathogens and toxins including genetically modified agents	Statement 23/08/07 AM
Sweden	It is... important to bear in mind that it might be impossible to cover every possible situation by guidelines and registration... it is important to stress that an element of self-governance is important for implementation.	Statement 23/08/07 AM

Brazil (on behalf of some Latin American states)	Create national lists and establish appropriate controls for sensitive assets in the biological area.	Statement 20/08/07 AM
Brazil	Establish a national List of Sensitive Goods and Directly Linked Services in the Biological Area meant to define which microorganisms, toxins and equipments may have dual use and therefore must be monitored in the export, import and internal market areas.	WP.21

Managing National Implementation

State	Proposal Text	Source (e.g. WP.1 or Statement 22/08 AM)
China	[Enhance] the publicity of relevant laws and regulations... through various kinds of seminars and training courses, with a view to raising the awareness and self discipline of relevant enterprises, research and education[al] institutions and personnel.	Statement 20/08/07 AM
Republic of Korea	Enhance and consolidate the mechanisms for the management of the relevant laws	Statement 20/08/07 AM
Pakistan	Faculties and students of leading universities and research institutions...[can be] sensitised to their responsibilities for biosafety and biosecurity	
China	Stipulate the functions and responsibilities of relevant competent authorities responding to public health emergencies, and the classification, surveillance, reporting, emergency response, and damage control of such emergencies	Statement 21/08/07 AM
China	Standardise the procedures for disease emergency response, stip[ulating] the responsibilities of the competent authorities, enterprises and individuals, and improve the emergency response mechanism.	
China	Publicity of relevant laws and regulations [can be] enhanced through organising regular training courses and lectures and distributing pamphlets, with a view to helping the enterprises rigorously implement relevant laws and regulations and run their business accordingly.	Statement 21/08/07 AM
China	A national implementation mechanism with clear division of responsibility and effective coordination should be enhanced.	Statement 21/08/07 AM
China	Publicity of relevant policies and laws should be enhanced with a view to raising the awareness and self-discipline of relevant enterprises, research and education institutions and personnel	Statement 21/08/07 AM

Philippines	A wholistic approach is needed to engage and involve government, civil society and the private sector.	Statement 21/08/07 AM
Netherlands	An overall bio-preparedness approach is recommended. This includes awareness raising, for example on existing bio-security and biosafety legislation.	Statement 21/08/07 AM
Switzerland	Extension of education and training capacities and capabilities	Statement 21/08/07 PM
New Zealand	[It is important to] Maintain of an effective inter-agency response process to deal with emergency situations, including those relevant to the work of [the] Convention.	Statement 21/08/07 PM
United Kingdom	Clear guidance for industry and academia on the implementation of national export licensing regulations and procedures, especially on intangible technology is a vital principle for all States.	Statement 21/08/07 PM
Portugal (on behalf of the European Union)	There are difficulties, in some cases, in creating domestic BWC awareness given the need to mobilise diverse government agencies, parliaments, and other stakeholders to initiate ratification or accession or to introduce and implement legislation. Raising public awareness and gaining support is also a major challenge.	WP.1
United Kingdom	Provide examples of best practice, including an illustration of how companies might approach compliance procedures to deal with [legislation]	WP.2
Netherlands & United Kingdom	Develop and institute BWC implementation plans	WP.3
Netherlands & United Kingdom	Need to raise awareness about BTWC compliance with a wider range of national stakeholders than are targeted by standard diplomatic and other assistance activities, and the benefits of conducting assistance activities at the sub regional and national levels	WP.3
Netherlands & United Kingdom	States are frequently unaware that legislation already in force is relevant to implementing the Convention, particularly biosafety legislation.	WP.3
Pakistan	Diversity of expertise present at the meeting of Experts is valuable [for enhancing domestic cooperation]	Statement 20/08/07 AM
Slovakia	[to] identify an institution that would lead the process of national implementation in a way that would result in adopting meaningful legislation responding properly to the requirements of the afore-said obligations and challenges.	WP.14
Slovakia	The functions of the National Authority... are to: <ul style="list-style-type: none"> • collect, evaluate and process information and requirements concerning domestic implementation of the Biological Weapons Convention; • exercise, within the existing legislative framework, supervision over substances and activities that have a potential to be used for development, production and use as biological 	WP.14

	<p>weapons;</p> <ul style="list-style-type: none"> • identify fields requiring amendments in the existing legislation... in conformity with the commitment to strengthen the BWC through domestic measures; • cooperate... with the Ministries of Finance, Economy, Defense, Agriculture, Justice, Education, Interior, Foreign Affairs and Environment; • coordinate the preparation of relevant legislative proposals related to the prohibition of biological weapons ; • submit the relevant proposals to the Government for decision; • process, within the Ministry of Health, the data for the annual CBMs reports and pass them on to the Ministry of Foreign Affairs; • participate in the expert and annual sessions of the States Parties to the BWC and other relevant events related to the prohibition of biological weapons. 	
Cuba	<p>Strengthen the monitoring mechanisms of biological agents which are covered by the Convention as well as the equipment and technology that these involve[, including by:]</p> <ul style="list-style-type: none"> • The classification of biological agents into risk groups; • A National Authority for biosafety and the Biological Weapons Convention; • An inspection system to verify compliance with existing legislation; • A system of licensing for all activities which involve the use of biological agents as well as for the construction and operation of facilities which entail a biological risk; • Safe microbiological practices for the handling of biological agents, as well as animal and plant agents for experimentation purposes, whether these be natural, exotic or genetically modified organisms; • Responsibilities have been established for the owners of facilities and the heads of laboratories which deal with biosafety and bioprotection; and • A National System for Accounting and Monitoring of Biological Materials as well as the equipment and technology applied for these materials. 	Statement 22/08/07 AM
Cuba	Stimulate the development of human resources which are working in the area of science in general and activities	Statement 22/08/07 AM

	related to the regulation and control of the monitoring of science on the basis of the aim of enhancing the technological level as well as the professional level and the moral and ethical behaviour which is shown in actual daily practice	
Italy	Compliance with the BTWC – ways and means to enhance national implementation – strengthening of national institutions	Statement 21/08/07
Switzerland	Optimise national data collection processes to ensure quality, comprehensiveness and punctuality of CBM submissions.	WP.10
OPCW	The National Authority and inter-ministerial coordination [can involve:] <ul style="list-style-type: none"> • Ministry of Foreign Affairs • Ministry of Defence • Ministry of Economy and/or Industry or Commerce • Ministry of Health • Ministry of Environment • Ministry of Agriculture • Ministry of Labour • Ministry of Justice or Attorney-General • Ministry of Finance and Central Bank • Customs 	Statement 23/08/07 AM
Sweden	Need to raise the awareness on [obligations under the Convention and dual-use research] among researchers.	Statement 23/08/07 AM
Sweden	Need to raise the awareness not only among all currently involved scientific research like academia, institutes, industry, funding agencies and scientific journals. It is equally important to include course on the obligations under the BWC and dual-use research in the curriculum of higher education.	Statement 23/08/07 AM
Sweden	Great value if member states shared their experiences and ideas of how to raise awareness of the convention and dual-use research. Like most topics relevant for the implementation of the convention this is also an area where regional and international cooperation would be highly beneficial.	Statement 23/08/07 AM
Ukraine	Set up national committees on bioethics.	
Brazil (on behalf of some Latin American states)	Support the ISU in the implementation of the Convention and of measures related to it, by promoting office-coordination and seminars on regional relevant aspects.	Statement 20/08/07 AM
Brazil (on behalf of some Latin American states)	Engage in multidimensional efforts, including with the participation of industry and academic sectors, as well as the scientific community, civil society and non-governmental organizations, in order to achieve the universalization of the BWC.	Statement 20/08/07 AM
Brazil	Create and implement, through the National Authority or	WP.21

	Focal Point, national programs to promote the integration of government, industries and research institutions in the sensitive assets area. The program should aim at raising awareness about all international instruments regarding non-proliferation and disarmament, and reaching out to all actors involved with any aspect of dual-use assets.	
Brazil	Provide legitimate non-state actors with information about the Government's controls for transfers of sensitive technologies and dual use materials and widen the State's cooperation and information exchange with such actors for anticipated detection and prevention of eventual prohibited transfers. Such goals could be achieved through a program devised to increase society's participation in controlling dual-use items and preventing biological accidents and prohibited activities.	WP.21
Brazil	Urgently comply with Resolution 1540 of the United Nations Security Council, article 8 D, which "calls upon all States to develop appropriate ways to work with and inform industry and the public regarding their obligations [under such laws]".	WP.21

Enforcing National Implementation Measures

State	Proposal Text	Source (e.g. WP.1 or Statement 22/08 AM)
Pakistan	[Sharing] national experience in law enforcement to address the threats of bioterrorism would be particularly useful[, including]... policies, practices and enforcement measures in this area	Statement 20/08/07 AM
China	Adopt best practices for law enforcement and educating and training law enforcement personnel.	Statement 21/08/07 AM
China	Law enforcement capacity improved.	Statement 21/08/07 AM
United States	Successful bioterrorism investigations generally require two fundamental elements. First, because a bioterrorism event can affect national security, these investigations should be grounded in a national strategy. Second, from a law enforcement perspective, to prevent a deliberate or accidental release of a biological agent (or toxin), investigators may need to invoke legal process to apprehend would-be perpetrators.	WP.11

United States	The national investigative strategy should answer three basic questions: (1) What are the procedures for threat assessment and domestic coordination? (2) What are the protocols for joint investigations and role responsibilities among various public health and law enforcement agencies? and (3) Is there a comprehensive set of laws that correspond to the strategy so that the likely scenarios involving the illicit use or possession of biological agents or toxins can be fully addressed by law enforcement and public health authorities?	WP.11
United States	Establishing clear lines of communication among public health and law enforcement authorities before an outbreak or attack is crucial for successful joint investigations.	WP.11
United States	Key aspects of effective investigations [include:] <ul style="list-style-type: none"> • Threat assessment and domestic coordination • Joint investigations and role clarity 	Statement 22/08/07 AM
Japan	Multi-sectoral approach is essential in preparing national plans for counter-terrorism	Statement 22/08/07AM
Japan	National measures need to be enforced so as to... <ul style="list-style-type: none"> • Designate and establish appropriate national authorities • Establish a network among national institutions • Coordinate with regional / international organizations • Improve the capacity on counter-terrorism 	Statement 22/08/07AM
Pakistan	Diversity of expertise present at the meeting of Experts is valuable [for enhancing domestic cooperation]	Statement 20/08/07 AM
United Kingdom	It is no use having perfectly crafted legislation if it is not effectively enforced. Attention must therefore be paid to the practicalities of effective and sustained enforcement.	WP.2
Cuba	Develop... an Inspection System which makes it possible to verify compliance with the legislation in force	Statement 22/08/07 AM
Australia	Investigation by law enforcement agencies of counter-proliferation and bioterrorism issues can be very technical in nature. Scientific and technical support to the investigators is essential.	WP.12
Australia	Agencies with specialised CBR technical expertise can greatly assist the prevention of CBR events	WP.12
United States	Effective threat assessment must recognize that the deliberate or accidental release of a biological agent can manifest itself in one of two ways. First, an “overt release” describes a situation where the circumstances of the release plainly demonstrate a criminal intent (e.g., by the nature of the delivery system or the perpetrator announces the attack). Second, a “covert release” involves an unrecognized or unannounced release whereby the appearance of illness may be the first sign of a possible attack.	WP.11

United States	In assessing the overall effectiveness of an enforcement strategy, it is useful to measure that strategy against the likely scenarios law enforcement and public health authorities may encounter concerning the release of biological agents. Viewed collectively, the threats posed by the illicit use or transfer of biological agents or toxins may manifest themselves in one of five different scenarios. Listed in order of decreasing frequency of occurrence (and increasing severity of risk to public health), these scenarios include (1) “hoaxes” or false reports of biological agents being released; (2) illicit transfers involving certain particularly dangerous pathogens; (3) possession of an unreasonable quantity or type of a biological agent; (4) possession of a biological agent (or toxin) with the intent to use it as a weapon; and (5) the actual use or deployment of a biological agent or toxin as a weapon of mass destruction.	WP.11
Interpol	Treat/Risks [assessments should:] <ul style="list-style-type: none"> • Assess the intention • Assess the capability • Assess the vulnerabilities • Assess the consequences 	Statement 23/08/07 AM
Interpol	Key considerations in quarantine decisions: [there are] 3 major questions examined within the specific context of a particular outbreak: <ul style="list-style-type: none"> • Do public health and medical analyses warrant the imposition of large scale quarantine? • Are the implementation and maintenance of large-scale quarantine feasible? • Do the potential benefits of large-scale quarantine outweigh the possible adverse consequences? 	Statement 23/08/07 AM

International and regional cooperation and assistance

State	Proposal Text	Source (e.g. WP.1 or Statement 22/08 AM)
Cuba (on behalf of the NAM and Other States)	Adopt positive measures to promote technology transfer and international cooperation, in particular to the developing countries, for the benefit of all mankind	Statement 20/08/07 AM
Cuba (on behalf of the NAM and Other States)	Provide, upon request, where in a position to do so, assistance to other States Parties in enacting and enhancing national legislation to implement the Convention	Statement 20/08/07 AM

Cuba (on behalf of the NAM and Other States)	Facilitate cooperation, where in a position to do so, in particular capacity building, as well as technology transfer in the area of custom control to facilitate the implementation of relevant provisions of the Convention	Statement 20/08/07 AM
China	On the basis of equality, cooperation and mutual respect, provide assistance to those countries in need through technological exchange, financial support and regional workshop[s], to help implementation capacity.	Statement 20/08/07 AM
Pakistan	More effective realization of the objectives in Article X of the Convention	Statement 20/08/07 AM
China	States Parties should actively support and take part in international and regional cooperation on implementing the Convention	Statement 21/08/07 AM
China	On the basis of equality, cooperation and mutual respect, States Parties should exchange successful experience and practice and provide assistance to those countries in need through technological exchanges, financial support and regional workshop, to help improve implementation capacity.	Statement 21/08/07 AM
Portugal (on behalf of the European Union)	[It is important] to cooperate with... countries to review legislation and draft legislative or administrative measures related to the BWC.	WP.1
Netherlands & United Kingdom	Conduct assistance activities at the sub-regional and national level among States that share language, legal and cultural traditions, have similar biotechnology industries and have a history of co-operation	WP.3
Ukraine	International cooperation... through international agreements, information exchange, further development and strengthening of international cooperation in the area of biological and genetic safety.	WP.16
Portugal (on behalf of the European Union)	Representatives of several States expressed the need for support in convincing their national key stakeholders of the importance of the BTWC. Creating interest in the Convention may be achievable when linked with assistance in improving public health, e.g. the development of local diagnostic and treatment capacities to deal with natural as well as unusual outbreaks of disease, or with technical assistance in capacity building for customs and immigration.	Statement 22/08/07AM

Germany	<p>Outreach projects [can include:]</p> <ul style="list-style-type: none"> • Exchange seminars • Study visits... • Legal review • Institutional capacity building • Industry outreach • Reference guidebook • Internet information centre • Feasibility study on electronic processing • Export control conference 	Statement 22/08/07 AM
Japan	<p>An effective approach to enhance regional cooperation [includes measures to:]</p> <ul style="list-style-type: none"> • Ensure active participation from relevant countries • Demonstrate the significance of participating in regional cooperation • Take into account regional characteristics 	Statement 22/08/07AM
Japan	Informal cross-border network among experts, etc. can be useful	Statement 22/08/07AM
Japan	Importance of capacity building for persons working in national authorities and in the health sector	Statement 22/08/07AM
Japan	Regional and international cooperation are essential	Statement 22/08/07AM
India	<p>International research and development collaboration... objectives [could] foster international linkages in biotechnology to:</p> <ul style="list-style-type: none"> • Assist in implementation of national programmes through transfer of knowledge • Open avenues for interaction in areas leading to acquisition of knowledge not available within the country • Building bridges to promote and strengthen bilateral ties through participation in joint research and development programmes • Capacity building in high-technology areas through training and exchange programmes • Share expertise in science and technology and large scale facilities with developed and developing nations 	Statement 22/08/07AM

India	<p>Regional and bilateral cooperation [could include:]</p> <ul style="list-style-type: none"> • Joint research and development projects • Exchange of scientists • Training / fellowship of scientists • Exploratory visits • Consultative visits • Joint workshops / seminars • International / global meetings • Exchange of information • Electronic informatic networks • Exhibitions • Biotech products and trade related activities 	Statement 22/08/07AM
Republic of Korea	Need closer cooperation, not only in the global level but also at the regional level	Statement 20/08/07 AM
Pakistan	ISU should collate information of expertise available with States Parties.	Statement 20/08/07 AM
Japan	Due to cross-bordering nature of bio-terrorism. It is critical to ensure effectively prohibition and prevention against biological weapons among neighbouring countries.	WP.8
Australia	Assist partner countries in the region to understand the threat, enhance the security of their high-risk biological materials, and develop and implement enforcement legislation.	WP.13
Australia	Promote cooperation and coordination between traditional security (policy and operational) agencies and new players such as health and agricultural agencies which, traditionally, have had little counter-proliferation or counter-terrorism involvement. These agencies have technical and administrative expertise and practises to mitigate the effects of natural diseases which can be adapted to protecting against deliberately propagated disease.	WP.13
Australia	<p>Further cooperation, particularly in respect of [the] region, to share information to counter the threat of bioterrorism and build capacity to:</p> <ul style="list-style-type: none"> (i) assess the risks posed by individual biological agents (ii) develop and enhance laboratory biosafety and biosecurity programs (iii) develop and implement supporting legislation (iv) detect, diagnose, contain and effectively report disease epidemics; and (v) ensure effective inter-agency and international communication and cooperation. 	WP.13
New Zealand	[There is] a need... for tailor-made interventions in individual countries – e.g.... legislative drafters doing separate country visits.	Statement 22/08/07 PM

Australia	Assistance to implement Article IV, including development penal legislation, ensuring the safety and security of biological materials, strengthening disease surveillance capacities, and promoting training and awareness-raising raises barriers to bioterrorism.	WP.13
Sweden	Great value if member states shared their experiences and ideas of how to raise awareness of the convention and dual-use research. Like most topics relevant for the implementation of the convention this is also an area where regional and international cooperation would be highly beneficial.	Statement 23/08/07 AM
Australia	Objectives of BWC regional workshops [can include:] <ul style="list-style-type: none"> • Enable participants from regional BWC States Parties to meet and become involved in an ongoing regional dialogue and cooperation • [Ensure] all States Parties in [the] region obtain the security benefits derived from full and effective implementation of the BWC... • Help States Parties in [the] region become better engaged with the... Geneva-based BWC work programme • Reduce the possibility of the inadvertent assistance by States in [the] region to biological weapons programmes being developed elsewhere • Reduce the possibility of bioterrorism in [the] region 	Statement 23/08/07 AM

Australia	<p>[Follow-up activities from regional workshops include:]</p> <ul style="list-style-type: none"> • Encouraging bilateral and regional sharing of information on national implementation measures and the provision of technical assistance focusing on the capacity building of States Parties • Establishing regional partnerships on enhancement of biosecurity • Strengthening national and international efforts and broadening existing mechanisms for surveillance, detection, diagnosis, and combating infectious diseases • Exploring the possibilities of adopting a regional code of conduct for scientists • Exploring the possibilities of taking regional concerted action to promote awareness among scientists • Internet network of workshop participants • Holding further workshops... • Raise awareness of the relevant BWC issues • Encouraging consideration of the most useful approaches in the region to address the requirements • Developing guidelines and concrete steps by participants to assist the States Parties in the full and effective implementation of the BWC 	Statement 23/08/07 AM
Australia	<p>Key lessons [from regional activities include:]</p> <ul style="list-style-type: none"> • Benefits of co-hosting • Benefits of regional perspectives • Inclusion of other organisations • [everyone] on a steep learning curve • no one size fits all • tailor made solutions 	Statement 23/08/07 AM

Australia	<p>Regional engagement activities [include:]</p> <ul style="list-style-type: none"> • ‘Traditional’ regional seminars / workshops • ‘Specific issue’ BWC regional workshops – tailored to specific requirements... or particular requests, including: legal requirements, security of pathogens and toxins, and bioterrorism prevention • National workshops – awareness raising of issues among government officials from a range of departments and agencies who will have responsibilities for one or more of the various obligations... under the BWC • National conferences – awareness raising among the broader biological sector, ranging from academic researchers, government scientists, research institutes, biotechnology industry. • Regional security meetings – broader regional security meeting, including: law enforcement meetings, counter-terrorism meetings, customs / border control meetings • Other regional engagement activities – including ministerial level consultations, regular high-level bilateral consultations 	Statement 23/08/07 AM
United States	The relationship between Article IV on national implementation and Article X on cooperation is synergistic – encouraging international cooperation in assisting States Parties in national implementation of the Convention.	Statement 23/08/07 AM
United States	Interpol plays a very important role in helping its member states, through their distinct channels, to strengthen their law enforcement capabilities in the bioterrorism area. We view Interpol’s activities as complementary to those being pursued by BWC States Parties. Their activities demonstrate the urgency of our efforts, and as States Parties we are in a position to help Interpol in developing an accurate database of national legislation that underpins multinational efforts to catch and prosecute entities engaging in the use of biology as a weapon.	Statement 23/08/07 AM
United States	Continued liaison between Parties, the OPCW and our newly established Implementation Support Unit – as well as Interpol and other organizations active in the area – will be key to our collective security grounded in comprehensive national legal mechanisms.	Statement 23/08/07 AM

United States	The importance of regional coordination and support can hardly be emphasized enough. Each region is confronted with its own particular threats and challenges. As coordination is ongoing through trade and cultural channels, the same should be true regarding weapons of mass destruction. Those of us gathered here are most aware that biological dangers can stem from many sources, both natural and man-made, and do not respect national boundaries.	Statement 23/08/07 AM
United States	We also invest considerable resources in the areas of disease surveillance, detection, diagnosis, and response. We firmly believe that it is in the interest of all countries to work together to address the threat of established as well as newly-emerging diseases.	Statement 23/08/07 AM
United States	Strengthening preparedness for naturally occurring diseases is the best defence we can raise against the potential misuse of biological agents and toxins as weapons; thus, by helping other States Parties strengthen their health systems, we assist them in preparing for response to the use of biological weapons and therefore contribute directly to the objectives of the BWC.	Statement 23/08/07 AM
United States	In addition to legislative assistance in this area [pathogen security], resources have been provided to a number of countries, many of which are States Parties to the Convention, to enhance the security of laboratories that handle especially dangerous pathogens. The assistance has been in the form of upgrading security at facilities, development of institutional security programmes, staff training and development, risk assessment and mitigation, and consolidation of dangerous pathogen collections.	Statement 23/08/07 AM
Brazil (on behalf of some Latin American states)	Adopt regional and sub regional measures in order to identify better means for scientific cooperation and technological transfer, particularly by creating networks between the scientific and academic communities involved in peaceful activities regarding sensitive biological assets.	Statement 20/08/07 AM
Brazil (on behalf of some Latin American states)	Cooperate in order to promote peaceful activities related to public health, agriculture and cattle industry and the peaceful application of biotechnology, genetic engineering, microbiology and other areas related to the BWC	Statement 20/08/07 AM
Brazil (on behalf of some Latin American states)	Cooperate with contact points and other national authorities in order to exchange national experiences regarding penal measures concerning the prohibited activities described in the BWC.	Statement 20/08/07 AM
Brazil (on behalf of some Latin American states)	Establish contact between the ISU and regional and sub regional organizations in order to develop activities which allow the identification of best practices in the implementation of the BWC.	Statement 20/08/07 AM

Brazil (on behalf of some Latin American states)	Cooperate with international and governmental organizations, as well as the donor`s community, in order to contribute to the creation of regional debates for the identification of benefits and challenges posed by the implementation of the BWC.	Statement 20/08/07 AM
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Transfers and export controls

State	Proposal Text	Source (e.g. WP.1 or Statement 22/08 AM)
Pakistan	Strengthen controls over export, re-export, trans-shipment and transit of goods, technologies, material and equipment	Statement 20/08/07 AM
China	Stipulate in detail the classification and management of pathogens and microorganisms, the storage and transport procedures [for] bacteria, virus[es] and [associated] specimens, examination and grant procedures regarding the qualifications of laboratories and their activities, the supervision of liabilities, etc.	Statement 21/08/07 AM
China	The Chinese Government imposes effective export controls on dual-use biological agents and related equipment and technology. The Chinese Government attaches great importance to the establishment of... effective [national] export control mechanism[s]	Statement 21/08/07 AM
Georgia	Very important is the adoption and enforcement of effective export control measures by requiring all states to criminalise proliferation	Statement 21/08/07 AM
United Kingdom	Clear guidance for industry and academia on the implementation of national export licensing regulations and procedures, especially on intangible technology is a vital principle for all States.	Statement 21/08/07 PM
United Kingdom	Maintain records of electronic transfers	Statement 21/08/07 PM
United Kingdom	Important to keep export control legislation and regulations up-to date in light of changing circumstances.	Statement 21/08/07 PM
United Kingdom	[There is a] need for clear guidance for industry and academia on the implementation of national export licensing regulations and procedures, especially on intangible technology.	WP.2
United Kingdom	Attention must therefore be paid to the practicalities of effective and sustained enforcement.	WP.2
United Kingdom	Provide examples of best practice, including an illustration of how companies might approach compliance procedures to deal with [legislation]	WP.2

Republic of Korea	All imports are [to be] regulated	WP.6
Poland	<p>Implementation and enforcement of regulations [might cover:]</p> <ul style="list-style-type: none"> • Regulat[ing]... possession, transfer and multiplication of listed (human, animal plant) pathogens or their toxins... • Listing scientists, laboratories and industrial facilities to perform research or practical use of those pathogens • Obligations to report laboratory or industrial incidents involving release of those pathogens... including obtaining, processing and transport of biological material from such cases 	Statement 22/08/07 AM
Russian Federation	For the sake of enhancing the effectiveness of national export controls give regular briefings to national exporters, in order to raise awareness and update them on new developments, and engage them in consultations, conferences and seminars to create an atmosphere of cooperation and partnership.	Statement 21/08/07 PM
