



PERMANENT MISSION OF THE REPUBLIC OF BOTSWANA TO THE UNITED NATIONS

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22 April 2022

The Permanent Mission of the Republic of Botswana presents its compliments to the United Nations Security Council Committee established pursuant to Resolution 1540 (2004) and has the honour to submit herewith Botswana's National Action Plan on the implementation of the United Nations Security Council resolution 1540 (2004).

The Permanent Mission of the Republic of Botswana avails itself of this opportunity to renew to the United Nations Security Council Committee established pursuant to Resolution 1540 (2004) the assurances of its highest consideration.

New York
22 April 2022



**UN Security Council Committee
established pursuant to Res. 1540 (2004)
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DRAFT NATIONAL PLAN OF ACTION ON THE IMPLEMENTATION OF THE UNITED NATIONS SECURITY COUNCIL RESOLUTION 1540 (2004) IN BOTSWANA

I. INTRODUCTION

UN Security Council Resolution 1540 (2004) requires all States to refrain from providing any form of support to non-State actors that attempt to develop, acquire, manufacture, possess, transport, transfer or use nuclear, chemical or biological weapons and their means of delivery. Under operative paragraph 2 of the resolution all States are obliged to adopt and enforce appropriate effective laws prohibiting such activities by non-State actors on their territories. Under paragraph 3 resolution 1540 (2004) requires all States to take and enforce effective measures to establish domestic controls to prevent the proliferation of nuclear, chemical, or biological weapons and their means of delivery including by establishing appropriate controls over related materials.

The Security Council, in resolution 1977 (2011), encourages all States to prepare, on a voluntary basis, national implementation action plans, with the assistance of the Committee established pursuant to resolution 1540 (1540 Committee) as appropriate, mapping out their priorities and plans for implementing the key provisions of resolution 1540 (2004), and to submit those plans to the 1540 Committee.

Botswana remains committed to global and regional WMD disarmament and nonproliferation efforts and instruments, including UNSCR 1540. This commitment is demonstrated by Botswana's participation and support to multilateral instruments to which it has given effect through a range of legislative, regulatory, institutional and operational measures. Botswana recognizes that these measures can and should be further strengthened and consolidated to ensure full and effective implementation of international obligations while advancing national security and development interests.

II. OBJECTIVE

This National Plan of Action (NAP) is tailored to Botswana's national priorities and has been prepared in consultation with national stakeholders to provide a coherent framework of action for implementing the operative paragraphs of resolution 1540 (2004).

III. **SCOPE**

Botswana wishes to pursue a comprehensive and full-life cycle approach to addressing CBRN risks and incorporate other obligations acquired under other regimes. Consequently, in addition to all requirements under UNSCR 1540 the NAP also covers Biosafety and emergency response to CBRN incidents.

IV. **INSTITUTIONAL FRAMEWORK**

An inter-agency team was established on August 2021 under the leadership of CBRN Authority, to coordinate activities among respective ministries and agencies and steer the process towards the development and adoption of a NAP. The inter-agency team will meet weekly to discuss and update on progress made on the implementation of the NAP. The inter-agency team operates under established Terms of Reference. The full and effective implementation of the NAP depends on enhanced human resource capacity of the Authority.

V. **EXPECTED OUTCOMES**

Implementation of the NAP is expected to:

- Enhance national legislation and domestic controls to prevent proliferation of nuclear, chemical, biological weapons, their means of delivery, and related materials to non-state actors
- Improve coordination and inter-agency cooperation
- Enhance cooperation with regional and international partners and organizations to advance the implementation of the NAP
- Enhance monitoring and evaluation through a results-based approach.

VI. **STAKEHOLDERS**

A. **INTER-AGENCY TEAM**

The inter-Agency Team is composed of the following Team members:

- Chemical, Biological, Nuclear and Radiological Weapons Management Authority (CBRNWMA)

- Radiation Protection Inspectorate (RPI)
- Botswana Unified Revenue Service (BURS)
- Botswana Police Service (BPS)
- National Disaster Management Office (NDMO)
- Counter Terrorism Analysis and Fusion Agency (CTAFA)
- Department Of Waste Management and Pollution Control (DWMPC)
- Botswana Defence Force (BDF)

B. OTHER STAKEHOLDERS

- Ministry of International Affairs and Cooperation (MIAC)
- Directorate of Intelligence and Security (DIS)
- Botswana Institute for Technology, Research and Innovation (BITRI)
- Fire fighters
- Ministry of Health and Wellness
- Licensees (Facility owners)
- Civil Aviation Authority of Botswana
- Department Road Transport and Safety
- Financial Intelligence Agency (FIA)
- Attorney General Chambers (AG)
- Environmental organizations
- Universities and Research Institutions
- CBRN Laboratories
- CBRN Industry
- Other Stakeholders

GOAL: Integrated, effective, and sustainable policies, laws and control measures implemented by the national authorities have prevented the illicit trafficking in, and the proliferation of, chemical, biological and nuclear weapons, their related materials and means of delivery, to non-state actors

Planning Element		Co/Lead Entity	National Stakeholder(s)	International Partners	2022	2023	2024	Explanatory notes/ Status/ other considerations
Objective 1:		Strengthened Institutional Structures and Mechanisms for Coherent and Coordinated Action						
Expected Outcome 1:		CBRNWMA Capacity to lead and coordinate the formulation and implementation of control frameworks is Developed						
Progress Indicators:	<ul style="list-style-type: none"> - Level of implementation of the HR structure - Level of funding allocated as per the approved CBRNWMA Budget - 		Indicative resources:	<ul style="list-style-type: none"> - HR and budgeting expertise - CBRN Regulatory Authority expertise 				
Output 1:		Secure the human and financial resources for the CBRNWMA functions						
Activity 1: Assessment of CBRNWMA HR and operational needs to implement the current plan and outlined functions.		CBRNWM A	MDJS DPSM	OPCW IAEA BWC-ISU WHO WCO OIE CDC	x	x		
Activity 2: Implement the approved HR structure					x			Ongoing
Activity 3: Establishment and approval of CBRNWMA budget					x			Ongoing
Activity 4: Request for external budget support from external partners.					x			Ongoing
Expected Outcome 2:		Interagency Interoperability, Planning, and Coordination is Effective						

Planning Element		Co/Lead Entity	National Stakeholder(s)	International Partners	2022	2023	2024	Explanatory notes/ Status/ other considerations
Progress Indicators:	<ul style="list-style-type: none"> - Number of MoAs and MoUs signed - Level of Implementation of MoAs and MoUs with stakeholders - Level of implementation of the National response plan to CBRN incidents/emergencies - Level of implementation of Waste management plans 			Indicative resources:				- Technical expertise in the assessment and design of interagency procedures
Output 1:	Interagency Communication, Cooperation and Coordination Mechanisms Agreed Upon							
Activity 1: Set-up local committee to address CBRN related matters (appointment of Focal persons for BWC-CBMs)	CBRNWMA	CTAFA BURS FIA NBFIRA RPI DIS Councils (Fire) BPS NDMO BDF BITRI PPADB	BWC-ISU Kenya South Africa	X				To consider virtual exchanges with other BWC States Parties on best practices/lesson learnt on establishing/strengthening BWC related inter-agency cooperation
Activity 2: Analysis of inter-agency Interoperability and Cooperation; Inter-agency training procedures for the prevention and detection of cases of proliferation of WMDs linked to terrorist acts				X				
Activity 3: Develop MoUs and MoAs				X				
Activity 4: Implementation and evaluation of MoUs and MoAs.				X				
Activity 5: Regular evaluation of the Implementation of MoAs and MoUs.				X				

Planning Element	Co/Lead Entity	National Stakeholder(s)	International Partners	2022	2023	2024	Explanatory notes/ Status/ other considerations
Activity 6: Establish channels for communication, coordination, and exchange of information among the stakeholders				x			
Output 2:	Develop a national response plan to CBRN incidents/emergencies (e.g. ICS)						
Activity 1: Draft a CBRN national response plan	CBRNWM A	NDMO BDF BPS Fire Health RPI DIS CTAFA	IAEA BWC-ISU OPCW UNODC Cuba France UK WHO Kenya South Africa UN OCHA (Geneva Office)		x		To Consider; -Article X Database on Emergency, Response and Assistance
Activity 2: Stakeholders consultation on the National response plan					x		
Activity 3: Finalize the draft national response plan and get it approved.					x		
Activity 4: Hold a first responders workshop on CBRN incident/emergency response.					x		
Activity 5: Conduct simulation exercises							
Output 3:	Establish CBRN waste management plans						
Activity 1: Benchmarking on development of CBRN waste management plans	CBRNWM A	DWMP RPI Local authorities	South Africa WHO		x		

Planning Element		Co/Lead Entity	National Stakeholder(s)	International Partners	2022	2023	2024	Explanatory notes/ Status/ other considerations		
Activity 2: Stakeholders consultation on the CBRN waste management plans			MOHW NDMO BDF BPS BURS			X				
Activity 3: Draft a CBRN waste management plans									X	
Activity 4: Finalize the draft of the CBRN waste management plans and get it approved.									X	
Activity 5: Implement the CBRN waste management plans									X	
Objective 2:		A Comprehensive legislative and regulatory framework established in conformity with international norms- OP 2								
Expected Outcome 1:		Political commitment to Resolution 1540 and related regimes enhanced								
Progress Indicators:	<ul style="list-style-type: none"> - Level of implementation of signed and ratified treaties and conventions - Number of national consultative meetings conducted to raise awareness among stakeholders - No of treaties signed and ratified. - 			Indicative resources:	<ul style="list-style-type: none"> - Subject-matter expertise (legal and technical) - Financial resources for outreach/workshops/seminars - 					
Output 1:		Treaties and conventions relevant to Resolution 1540 are ratified/acceded to OP 1, 5, 8(a), (b), (c) and 10								
Activity 1: Analyse the status of participation in relevant regimes, their contribution to national security and accrued obligations		CBRNWM A MIAC MDJS	Parliament Politicians Ambassadors	UNODC UNOCT UNODA IAEA SACU SADC		X				
Activity 2: Convene national consultative meetings to raise									X	

Planning Element		Co/Lead Entity	National Stakeholder(s)	International Partners	2022	2023	2024	Explanatory notes/ Status/ other considerations
awareness among stakeholders and generate support for ratification/accession				AU BWC-ISU				
Activity 3: Sign and ratify other conventions outlined in the 1540 matrix							X	
Activity 3: Deliver briefings to parliamentary committees							x	
Expected Outcome 2:		The Legislative framework is consistent with Resolution 1540 and international obligations						
Progress Indicators:	-Number of legislation reviewed -Number of legislation approved and enacted - - Legislation passed by parliament			Indicative resources:	- National and international legal expert/consultant(s) - Logistical support for workshops/sessions			
Output 1:		Review of the legislative framework to identify gaps is completed OP 2						
Activity 1: Identify relevant legislation for gap analysis		CBRNWM A	RPI BDF BURS BPS NDMO DWMPC Universities Research centres Health officials	OPCW, IAEA, BWC-ISU, VERTIC, 1540 GoE, UNODA UNODC, Africa CDC, WHO (IHR)	X			
Activity 2: Perform legislative gap analysis on identified legislation						X		
Activity 3: Finalize the review report and recommendations and submit to the relevant authority						X		
Output 2:		Draft legal provisions/amendments finalized and adopted OP 2						

Planning Element		Co/Lead Entity	National Stakeholder(s)	International Partners	2022	2023	2024	Explanatory notes/ Status/ other considerations
Activity 1: Consult relevant stakeholders for addressing legal gaps		CBRNWM A	AGC DPP RPI BURS DWMPC	VERTIC BWC-ISU UNODC IAEA	X			
Activity 2: Draft legal provisions/amendments (Draft instructions to AG)					X			
Activity 3: Present the draft Bill to various parliamentary committees to build support for adoption					X			
Activity 4: Submit the bill to Cabinet for approval					X			
Output 3		Development and Implementation of national biosafety and biosecurity legal framework						
Expected Outcome 3:		Regulations consistent with CBRN related Acts developed/amended						
Progress Indicators:	-	-	Number of regulations developed and adopted	Indicative resources:	- National and international legal expert/consultant(s) - Logistical support for workshops/sessions			
Output 1:		Regulations drafted and adopted – OP 8 (b)						
Activity 1: Literature review		CBRNWM A	RPI BDF BURS BPS NDMO DWMPC Universities	OPCW, IAEA, BWC-ISU, VERTIC, UNODA UNODC IAEA OPCW	X			
Activity 2: consultations with relevant stakeholders					X			

Planning Element		Co/Lead Entity	National Stakeholder(s)	International Partners	2022	2023	2024	Explanatory notes/ Status/ other considerations
			Research centres Health officials	BWC-ISU, Africa CDC and its Southern Africa Regional Collaboration Centre office				
Activity 3: Submit the Draft regulations to AGC		CBRNWM A				x		
Activity 4: Publish the regulations in the Government Gazette						x		
Expected Outcome 4:		Regulatory system for the domestic control and transfer of CBRN materials and means of delivery strengthened						
Progress Indicators:	-Level of development of control lists -Number of procedures and operational requirements reviewed or developed. Number of end user control and licensing mechanisms in place			Indicative resources:	- Nationals and international technical and legal expertise in CBRN controls -			
Output 1:		Control Lists developed and formally adopted OP 6						
Activity 1: Survey and identification of materials and facilities for domestic control purposes (chemical, biological and nuclear and dual-use categories)		CBRNWM A	RPI BURS BPS DWMPC	Africa CDC Australia Group Netherlands Software		x		Guided by the CWC schedules and international good practices

Planning Element	Co/Lead Entity	National Stakeholder(s)	International Partners	2022	2023	2024	Explanatory notes/ Status/ other considerations
Activity 2: consultations with industry, health, and research sectors		Registrar-Agrochemicals	IAEA WHO OIE		X		To consider Australia Group in the Article X Regional exchanges
Activity 3: workshops and meetings to discuss, develop and finalize control lists for domestic control purposes			UNODC South Africa Kenya		X		
Activity 4: Develop and implement strategies for ensuring domestic control of materials in the control lists.					X		
Output 2	Review of current regulatory controls to account for, transfer, security and physical protection of CBN materials OP 3 (a), (b), (c), (d)						
Activity 1: Identify, procedures and operational requirements to be reviewed or developed.	CBRNWM A	RPI BDF DWMPC NDMO BPS CTAFA	IAEA BWC-ISU OPCW UNODC/UNCCT Africa CDC and its Southern African Regional office		X		
Activity 2: Desk review of, procedures and operational requirements, including on registration, licensing, physical security and personnel reliability, proliferation financing, services, brokering.					X		
Activity 3: Outreach and consultations with industry, health, and research sectors					X		

Planning Element		Co/Lead Entity	National Stakeholder(s)	International Partners	2022	2023	2024	Explanatory notes/ Status/ other considerations
Activity 4: Amend , procedures and operational requirements in accordance with the recommendations of the review process.							X	
Activity 5: Roll-out and implement control framework							X	
Output 3:		Develop ports of entry control and law enforcement framework to detect and prevent illicit trafficking 3 (c), (d)						
Activity 1: Survey capacities and gaps at border points		CBRNWM A	BURS BPS	WCO Interpol IAEA BWC-ISU Africa CDC		X		
Activity 2: Capacitate the law enforcement framework to detect and prevent illicit trafficking						X	X	
Objective 3:		Strengthened Capacities and Capabilities to Prevent, Prepare and Respond to CBRN illicit trafficking and Incidents						
Expected Outcome 1:		Human capacities developed in the different action areas						
Progress Indicators:	<ul style="list-style-type: none"> - Percentage of targeted personnel trained - Number of training curricula, manuals, guides, and SOPs developed - Level of Implementation of training curricula, manuals, guides, and SOPs. - 	Indicative resources:	-					
Output 1:		Personnel in the relevant institutions trained in the respective areas OP 7, and 8 (d)						

Planning Element	Co/Lead Entity	National Stakeholder(s)	International Partners	2022	2023	2024	Explanatory notes/ Status/ other considerations
Activity 1: Conduct training needs assessment and skills audit	CBRNWM A	RPI BDF BURS BPS NDMO DWMPC BITRI UB BIUST	BWC-ISU US China Canada Italy Cuba France Germany WHO OPCW IAEA WCO	x	X		
Activity 2: Organize orientation, and training seminars					X		
Activity 3: Identify training institutions and develop continuous/sustainable learning programs, including Training of Trainers					X		
Activity 4 : Develop a training plan to ensure that personnel in the relevant institutions are trained in the respective areas					x		
Activity 5: Implement the Training plan						x	
Output 2:	Training curricula, manuals, guides, and SOPs developed, disseminated, and implemented OP &, 8 (d)						
Activity 1: Develop guidance notes for R&D institutions on dual use-items (knowledge management, technology transfer and means of delivery)	CBRNWM A	RPI BDF BURS BPS NDMO DWMPC		X			
Activity 2: Disseminate developed training curricula, manuals, guides, and SOPs					x		

Planning Element		Co/Lead Entity	National Stakeholder(s)	International Partners	2022	2023	2024	Explanatory notes/ Status/ other considerations
Activity 3: Evaluate the implementation of training curricula, manuals, guides, and SOPs			Research and Development Institutions			x	x	
Expected Outcome 2:		Specialized facilities and equipment to detect, process and manage NBC related material Established						
Progress Indicators:	<ul style="list-style-type: none"> - Percentage of specialized PPE and detection equipment acquired - Number of specialized facilities designated - Implementation of the plan to construct specialized CBN storage facilities 		Indicative resources:	-				
Output 1:		Specialized PPE and detection equipment identified and acquired.						
Activity 1: Conduct specialized PPE and detection equipment needs assessment.		CBRNWM A	RPI BDF BURS BPS NDMO DWMPC	OPCW, IAEA, UNODA OPCW WHO		x		
Activity 2: Complete inventory of current specialized PPE and detection equipment							x	
Activity 3: Establish procurement plan for required specialized PPE and detection equipment.							x	
Output 2:		Specialized storage and processing facilities designated OP 3						
Activity 1: Perform an analysis of capacity for CBRN storage, transport and processing facilities.		CBRNWM A	RPI BDF BURS BPS NDMO	South Africa IAEA OPCW			x	

Planning Element		Co/Lead Entity	National Stakeholder(s)	International Partners	2022	2023	2024	Explanatory notes/ Status/ other considerations
			DWMPC					
Activity 2: Implement recommendations from needs assessment							X	
Objective 4:		Approach to WMD Non-proliferation and CBRN Security is Sustainable and Continuously Improved						
Expected Outcome 1:		CBRN policies and practices are transparent, inclusive, and evidence-based						
Progress Indicators:	<ul style="list-style-type: none"> - Level of development of National threat and risk assessment report - Biannual review report produced - Number of stakeholder engagement activities conducted - Number of media publications - 		Indicative resources:	-				
Output 1:		Scenario based gap analysis and needs assessment conducted						
Activity 1: Identify gaps and the current state of regulated facilities (physical protection, safety and security)		CBRNWM A		OPCW UNODC	X			Ongoing
Activity 2: Devise improvements to close the identified gaps in the state of facilities						X		
Output 2:		A national threat and risk assessment completed OP 3 (a), (b), (c)						

Planning Element	Co/Lead Entity	National Stakeholder(s)	International Partners	2022	2023	2024	Explanatory notes/ Status/ other considerations
Activity 1: Establish a national threat and risk assessment team	CBRNWM A	CBRN RPI DIS CTAFA BURS BDF BPS Fire Health	UNODA WCO Interpol BWC-ISU IAEA OPCW UNODC WHO OIE Netherlands		X		-To consider self-assessment tools developed by Netherlands Online Self-Assessment Tool (OSAT) by OPCW Boarder security risk management by UNODC
Activity 2: Conduct training workshops to capacitate the national threat and risk assessment team-----					X		
Activity 3: Carryout the national threat and risk assessment						X	
Activity 4: Finalize and adopt the national threat and risk assessment report						X	
Output 2:	Review of the implementation of the current plan completed OP 11						
Activity 1: organize a annual review workshop	CBRNWM A			x	X	X	
Activity 2: produce a summary review report and updated plan activities/targets				x	x	x	
Output 3:	Public and private sectors are sensitized and consulted 8 (d)						
Activity 1: Annual seminars with public and private stakeholders to review implementation of control frameworks, obtain feedback and promote compliance	CBRNWM A	RPI, BDF, BURS, BPS NDMO, DWMPC, CTAFA, Universities	Africa CDC BWC Global Health Security Agenda	x	x	x	Ongoing To consider joining Global Health Security Agenda Universalization in the region

Planning Element	Co/Lead Entity	National Stakeholder(s)	International Partners	2022	2023	2024	Explanatory notes/ Status/ other considerations
Activity 2: Publish media messages targeting different stakeholders		Research centres, Civic leaders, Politicians, Industry, Law enforcement Health officials		x	x	x	
Expected Outcome 2:	Regional and International Dialogue and Cooperation Strengthened						
Progress Indicators:	<ul style="list-style-type: none"> - Number of bilateral/multilateral/regional agreements. - Number of reports submitted to the UNSCR 1540 committee - CBMs reports submitted to BWC 		Indicative resources:	-			
Output 1:	Promote cooperation and harmonization of practices in the SADC region OP 9, 10						
Activity 1: Engage in bilateral/multilateral consultations with neighbouring states to benefit from relevant experiences	CBRNWM A		Africa CDC AU SADC	x	x	x	ongoing
Activity 2: Introduce WMD disarmament and non-proliferation & UNSCR 1540 to the agenda of regional platforms				x	x		ongoing
Output 2:	Dialogue with the United Nations Security Council 1540 Committee and International Organizations maintained OP 9, 10						
Activity 1: Conduct Meetings to share implementation updates,	CBRNWM A			x	x	x	

Planning Element	Co/Lead Entity	National Stakeholder(s)	International Partners	2022	2023	2024	Explanatory notes/ Status/ other considerations
obtain technical guidance and mobilize international resources							
Activity 2: Submit voluntary update reports to the 1540 Committee annually				X	X	X	

Glossary

AU	African Union
BDF	Botswana Defence Force
BITRI	Botswana Institute for Technology, Research and Innovation
BPS	Botswana Police Service
BURS	Botswana Unified Revenue Services
BWC-ISU	Biological Weapons Convention Implementation Support Unit
CBMs	Confidence Building Measures
CBRNWMA	Chemical, Biological, Nuclear and Radiological Weapons Management Authority
CDC	Centre for Disease Control
CTAFA	Counter Terrorism and Fusion Agency
CWC	Chemical Weapons Convention
DISS	Directorate of Intelligence and Security
DPSM	Directorate of Public Service Management
DWMPC	Department of Waste Management and Pollution Control
FIA	Financial Intelligence Agency
GoE	Group of Experts
IAEA	International Atomic Energy Agency
INTERPOL	International Criminal Police Organization

MDJS	Ministry of Defence, Justice and Security
MIAC	Ministry of International Affairs and Cooperation
MOHW	Ministry of Health and Wellness
NAP	National Plan of Action
NBFIRA	Non-Bank Financial Institutions Regulatory Authority
NDMO	National Disaster Management Office
OIE	World Organization for Animal Health
OP	Operative Paragraph
OPCW	Organization for the Prohibition of Chemical Weapons
OSOCC	On-Site Operations Coordinating Centre
PPADB	Public Procurement and asset Disposal Board
PPE	Personal protective equipment
RPI	Radiation Protection Inspectorate
SACU	Southern African Customs Union
SADC	Southern African Development Community
SOPs	Standard Operating Procedures
UK	United Kingdom
UNOCHA	United Nations Office for the Coordination of Humanitarian Affairs
UNOCT	United Nations Counter-Terrorism Office

UNODA	United Nations Office for Disarmament Affairs
UNODC	United Nations Office on Drugs and Crime
UNSCR	United Nations Security Council Resolution
VERTIC	The Verification Research, Training and Information Centre
WCO	World Customs Organization
WHO	World health Organization
WMD	Weapons of Mass Destruction