



Capacity Building Needs and Priorities

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General Information

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Areas of capacity building

Broad areas in which capacity is needed

- · Risk assessment and other scientific and technical expertise
- · Risk management
- · Public awareness, participation and education in biosafety
- Identification of LMOs, including their detection
- · Socio-economic considerations
- Implementation of the documentation requirements under Article 18.2 of the Protocol
- Measures to address unintentional and/or illegal transboundary movements of LMOs
- Scientific biosafety research relating to LMOs
- Taking into account risks to human health

Needs and priorities

Specific needs and priorities

 $\bullet \quad \text{System for tracking and dealing with unintentional or illegal transboundary movements}\\$

Extent of implementation

· Partially addressed

Preferred means

- · Education and training
- · Technical assistance and advice
- · Funding support

Major target groups

- Decision / policy-makers (e.g. Ministers)
- Government regulators / administrators
- · Customs officials

System for post-release monitoring of LMOs

Extent of implementation

Preferred means

Major target groups

Partially addressed	Education and trainingTechnical assistance and advice	Decision / policy-makers (e.g. Ministers)
	Funding support	Ministers) • Government regulators /
		administratorsTechnical personnel / Scientists
Training in risk assessment		roomiou porcomor, concident
Extent of implementation	Preferred means	Major target groups
Partially addressed	Education and training	Government regulators /
- a	Technical assistance and advice	administrators
	Funding support	Technical personnel / Scientists
		• Interest groups (consumer groups,
		farmers, NGOs, etc.)
Training in risk management		
Extent of implementation	Preferred means	Major target groups
Partially addressed	Education and training	Government regulators /
	Technical assistance and advice	administrators
	Funding support	 Enforcement officials (e.g. field inspectors)
		Interest groups (consumer groups,
		farmers, NGOs, etc.)
Training in LMO sampling and detec	etion	
Extent of implementation	Preferred means	Major target groups
Partially addressed	Education and training	Technicians (e.g. in the laboratories)
	 Exchange programmes, internships, 	 Enforcement officials (e.g. field
	study tours, etc.	inspectors)
	Technical assistance and advice	 Government regulators / administrators
		aummstrators
Training in socio-economic consider		Major target groups
Extent of implementation	Preferred means	Major target groups
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Partially addressed	Education and training Technical assistance and advice	 Decision / policy-makers (e.g. Ministers)
Partially addressed	Technical assistance and advice	Ministers)
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Partially addressed	Technical assistance and advice	Ministers) • Government regulators /
Partially addressed	Technical assistance and advice	Ministers) • Government regulators / administrators
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Training in documentation and identication implementation • Partially addressed System to detect and appropriately restricted implementation	Technical assistance and advice Guidance / training materials tification requirements for LMO shipments Preferred means Education and training Exchange programmes, internships, study tours, etc. Funding support respond to unintentional LMO releases Preferred means	Ministers) • Government regulators / administrators • Interest groups (consumer groups, farmers, NGOs, etc.) Major target groups • Government regulators / administrators • Enforcement officials (e.g. field inspectors) • Customs officials Major target groups
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Training in documentation and identication Extent of implementation Partially addressed System to detect and appropriately researched implementation Partially addressed Tools and methodologies for environe Extent of implementation	Technical assistance and advice Guidance / training materials tification requirements for LMO shipments Preferred means Education and training Exchange programmes, internships, study tours, etc. Funding support respond to unintentional LMO releases Preferred means Education and training Technical assistance and advice Funding support timental monitoring of LMOs Preferred means Education and training	Ministers) • Government regulators / administrators • Interest groups (consumer groups, farmers, NGOs, etc.) Major target groups • Government regulators / administrators • Enforcement officials (e.g. field inspectors) • Customs officials Major target groups • Government regulators / administrators • Enforcement officials (e.g. field inspectors) • Enforcement officials (e.g. field inspectors) • Decision / policy-makers (e.g. Ministers) Major target groups • Government regulators /

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Laboratory for LMO detection and analysis	Preferred means	Major target groups
Extent of implementation Partially addressed	Education and training	Major target groupsTechnicians (e.g. in the laboratories)
rurumy dadressed	Exchange programmes, internships,	Technical personnel / Scientists
	study tours, etc.	Government regulators /
	Funding support	administrators
Guidance on unique identification systems	3	
Extent of implementation	Preferred means	Major target groups
Not addressed	Education and training	Enforcement officials (e.g. field
	Conferences and other fora	inspectors)
	Guidance / training materials	 Customs officials
		 Government regulators /
		administrators
National system for taking into account so	ocio-economic considerations in decision-m	aking regarding LMOs
Extent of implementation	Preferred means	Major target groups
Partially addressed	Education and training	Decision / policy-makers (e.g.
	 Technical assistance and advice 	Ministers)
	 Funding support 	 Government regulators /
		administrators
		Interest groups (consumer groups,
		farmers, NGOs, etc.)
Development of LMO traceability systems		
Extent of implementation	Preferred means	Major target groups
Not addressed	Education and training	Government regulators /
	Exchange programmes, internships,	administrators
	study tours, etc.	• Enforcement officials (e.g. field
	Guidance / training materials	inspectors)Technical personnel / Scientists
		reclinical personner/ Scientists
Regulatory framework for addressing hum		
Extent of implementation	Preferred means	Major target groups
Minimally addressed	 Education and training Technical assistance and advice 	Decision / policy-makers (e.g. Ministers)
	Conferences and other fora	Ministers) • Government regulators /
	Conferences and other ford	administrators
		Technical personnel / Scientists
National system for implementation of the	Nagova-Kuala Lumpur Supplementary Pro	stocol on Liability and Redress
Extent of implementation	Preferred means	Major target groups
Not addressed	Education and training	Government regulators /
50 4444 55554	Technical assistance and advice	administrators
	Guidance / training materials	Other professionals (e.g. lawyers,
		economists, etc.)
		 Interest groups (consumer groups,
		farmers, NGOs, etc.)
System for consideration of impacts on inc	digenous and local communities in decision	n-making
Extent of implementation	Preferred means	Major target groups
Partially addressed	Education and training	Government regulators /
	Technical assistance and advice	administrators
	Guidance / training materials	• Interest groups (consumer groups,
		farmers, NGOs, etc.)
		Decision / policy-makers (e.g.
		Ministers)
System to assess ecological and socioecon	omic impacts in centers of origin and gene	tic diversification
Extent of implementation	Preferred means	Major target groups
Partially addressed	Education and training	Government regulators /
	Technical assistance and advice	administrators
	 Conferences and other fora 	 Technical personnel / Scientists
	Conferences and other ford	Interest groups (consumer groups,

· Guidance on stand alone document

Extent of implementation

· Not addressed

Preferred means

- · Education and training
- Guidance / training materials
- Exchange programmes, internships, study tours, etc.

Major target groups

• Government regulators / administrators

farmers, NGOs, etc.)

- Enforcement officials (e.g. field inspectors)
- Interest groups (consumer groups, farmers, NGOs, etc.)

· Public participation in decision making

Extent of implementation

· Partially addressed

Preferred means

- · Education and training
- Guidance / training materials
- · Conferences and other fora

Major target groups

- Decision / policy-makers (e.g. Ministers)
- Government regulators / administrators
- Interest groups (consumer groups, farmers, NGOs, etc.)

· Tools and methodologies for ecological and socioeconomic risk assessment interface

Extent of implementation

· Partially addressed

Preferred means

- · Education and training
- Technical assistance and advice
- Guidance / training materials

Major target groups

- Decision / policy-makers (e.g. Ministers)
- Government regulators / administrators
- Interest groups (consumer groups, farmers, NGOs, etc.)

Additional Information

Any other relevant information

- In relation to capacity on risk assessment, it should include capacity building on the "Guidance on risk assessment of LMOs" and the risk assessment road map (under current development by the AHTEG on risk assessment).
- The inclusion of "interest groups" in capacity building activities on risk assessment and risk management is related to strengthening public participation in biosafety research and decision-making.
- Biosafety research facilities should be mainly focused on laboratory facilities.
- "Training in cost/benefit analysis as part of the risk management strategy" is not in line with the Scope and Objective of the Protocol. The Protocol is about ensuring adequate level of protection from LMOs that may have adverse effects on the conservation and sustainable use of biological diversity taking into account human health. The Protocol does not address "cost/benefit analysis". The Plurinational State of Bolivia considers that this suggested capacity building item should be deleted.