



## Capacity Building Needs and Priorities

### Record information and status

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### General Information

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- Bolivia (Plurinational State of)

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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

- 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*

<ul style="list-style-type: none"> <li>Partially addressed</li> </ul>	<ul style="list-style-type: none"> <li>Education and training</li> <li>Technical assistance and advice</li> <li>Funding support</li> </ul>	<ul style="list-style-type: none"> <li>Decision / policy-makers (e.g. Ministers)</li> <li>Government regulators / administrators</li> <li>Technical personnel / Scientists</li> </ul>
<ul style="list-style-type: none"> <li><b>Training in risk assessment</b></li> </ul>		
<i>Extent of implementation</i> <ul style="list-style-type: none"> <li>Partially addressed</li> </ul>	<i>Preferred means</i> <ul style="list-style-type: none"> <li>Education and training</li> <li>Technical assistance and advice</li> <li>Funding support</li> </ul>	<i>Major target groups</i> <ul style="list-style-type: none"> <li>Government regulators / administrators</li> <li>Technical personnel / Scientists</li> <li>Interest groups (consumer groups, farmers, NGOs, etc.)</li> </ul>
<ul style="list-style-type: none"> <li><b>Training in risk management</b></li> </ul>		
<i>Extent of implementation</i> <ul style="list-style-type: none"> <li>Partially addressed</li> </ul>	<i>Preferred means</i> <ul style="list-style-type: none"> <li>Education and training</li> <li>Technical assistance and advice</li> <li>Funding support</li> </ul>	<i>Major target groups</i> <ul style="list-style-type: none"> <li>Government regulators / administrators</li> <li>Enforcement officials (e.g. field inspectors)</li> <li>Interest groups (consumer groups, farmers, NGOs, etc.)</li> </ul>
<ul style="list-style-type: none"> <li><b>Training in LMO sampling and detection</b></li> </ul>		
<i>Extent of implementation</i> <ul style="list-style-type: none"> <li>Partially addressed</li> </ul>	<i>Preferred means</i> <ul style="list-style-type: none"> <li>Education and training</li> <li>Exchange programmes, internships, study tours, etc.</li> <li>Technical assistance and advice</li> </ul>	<i>Major target groups</i> <ul style="list-style-type: none"> <li>Technicians (e.g. in the laboratories)</li> <li>Enforcement officials (e.g. field inspectors)</li> <li>Government regulators / administrators</li> </ul>
<ul style="list-style-type: none"> <li><b>Training in socio-economic considerations relating to LMOs</b></li> </ul>		
<i>Extent of implementation</i> <ul style="list-style-type: none"> <li>Partially addressed</li> </ul>	<i>Preferred means</i> <ul style="list-style-type: none"> <li>Education and training</li> <li>Technical assistance and advice</li> <li>Guidance / training materials</li> </ul>	<i>Major target groups</i> <ul style="list-style-type: none"> <li>Decision / policy-makers (e.g. Ministers)</li> <li>Government regulators / administrators</li> <li>Interest groups (consumer groups, farmers, NGOs, etc.)</li> </ul>
<ul style="list-style-type: none"> <li><b>Training in documentation and identification requirements for LMO shipments</b></li> </ul>		
<i>Extent of implementation</i> <ul style="list-style-type: none"> <li>Partially addressed</li> </ul>	<i>Preferred means</i> <ul style="list-style-type: none"> <li>Education and training</li> <li>Exchange programmes, internships, study tours, etc.</li> <li>Funding support</li> </ul>	<i>Major target groups</i> <ul style="list-style-type: none"> <li>Government regulators / administrators</li> <li>Enforcement officials (e.g. field inspectors)</li> <li>Customs officials</li> </ul>
<ul style="list-style-type: none"> <li><b>System to detect and appropriately respond to unintentional LMO releases</b></li> </ul>		
<i>Extent of implementation</i> <ul style="list-style-type: none"> <li>Partially addressed</li> </ul>	<i>Preferred means</i> <ul style="list-style-type: none"> <li>Education and training</li> <li>Technical assistance and advice</li> <li>Funding support</li> </ul>	<i>Major target groups</i> <ul style="list-style-type: none"> <li>Government regulators / administrators</li> <li>Enforcement officials (e.g. field inspectors)</li> <li>Decision / policy-makers (e.g. Ministers)</li> </ul>
<ul style="list-style-type: none"> <li><b>Tools and methodologies for environmental monitoring of LMOs</b></li> </ul>		
<i>Extent of implementation</i> <ul style="list-style-type: none"> <li>Partially addressed</li> </ul>	<i>Preferred means</i> <ul style="list-style-type: none"> <li>Education and training</li> <li>Technical assistance and advice</li> <li>Funding support</li> </ul>	<i>Major target groups</i> <ul style="list-style-type: none"> <li>Government regulators / administrators</li> <li>Enforcement officials (e.g. field inspectors)</li> <li>Technical personnel / Scientists</li> </ul>

- **Laboratory for LMO detection and analysis**

*Extent of implementation*

- Partially addressed

*Preferred means*

- Education and training
- Exchange programmes, internships, study tours, etc.
- Funding support

*Major target groups*

- Technicians (e.g. in the laboratories)
- Technical personnel / Scientists
- Government regulators / administrators

- **Guidance on unique identification systems**

*Extent of implementation*

- Not addressed

*Preferred means*

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

*Major target groups*

- Enforcement officials (e.g. field inspectors)
- Customs officials
- Government regulators / administrators

- **National system for taking into account socio-economic considerations in decision-making regarding LMOs**

*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
- Interest groups (consumer groups, farmers, NGOs, etc.)

- **Development of LMO traceability systems**

*Extent of implementation*

- Not addressed

*Preferred means*

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

*Major target groups*

- Government regulators / administrators
- Enforcement officials (e.g. field inspectors)
- Technical personnel / Scientists

- **Regulatory framework for addressing human health impacts of LMOs**

*Extent of implementation*

- Minimally addressed

*Preferred means*

- Education and training
- Technical assistance and advice
- Conferences and other fora

*Major target groups*

- Decision / policy-makers (e.g. Ministers)
- Government regulators / administrators
- Technical personnel / Scientists

- **National system for implementation of the Nagoya-Kuala Lumpur Supplementary Protocol on Liability and Redress**

*Extent of implementation*

- Not addressed

*Preferred means*

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

*Major target groups*

- Government regulators / administrators
- Other professionals (e.g. lawyers, economists, etc.)
- Interest groups (consumer groups, farmers, NGOs, etc.)

- **System for consideration of impacts on indigenous and local communities in decision-making**

*Extent of implementation*

- Partially addressed

*Preferred means*

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

*Major target groups*

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

- **System to assess ecological and socioeconomic impacts in centers of origin and genetic diversification**

*Extent of implementation*

- Partially addressed

*Preferred means*

- Education and training
- Technical assistance and advice
- Conferences and other fora

*Major target groups*

- Government regulators / administrators
- Technical personnel / Scientists
- 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.

farmers, NGOs, etc.)

*Major target groups*

- Government regulators / administrators
- 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.