




Capacity Building Needs and Priorities

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Areas of capacity building

Broad areas in which capacity is needed

- Institutional capacity
- Risk assessment and other scientific and technical expertise
- Information exchange and data management including participation in the Biosafety Clearing-House
- Scientific, technical and institutional collaboration at subregional, regional and international levels
- Technology transfer
- Identification of LMOs, including their detection
- Socio-economic considerations
- Implementation of the documentation requirements under Article 18.2 of the Protocol
- Scientific biosafety research relating to LMOs

Needs and priorities

Specific needs and priorities

Guidance on mainstreaming of biosafety into other sectors

Extent of implementation

- Partially addressed

Preferred means

- Conferences and other fora
- Education and training
- Funding support

Major target groups

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

Development of a national liability and redress regime

Extent of implementation

- Minimally addressed

Preferred means

- Education and training

Major target groups

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

- **Tools for enforcement of biosafety laws and regulations**

Extent of implementation

- Minimally addressed

Preferred means

- Funding support
- Guidance / training materials
- Conferences and other fora

Major target groups

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

- **Mechanisms for inter-institutional communication**

Extent of implementation

- Partially addressed

Preferred means

- Guidance / training materials
- Conferences and other fora
- Funding support

Major target groups

- Government regulators / administrators
- Customs officials
- IT, BCH and data / information managers

- **Mechanism for coordination among national regulatory authorities and processes**

Extent of implementation

- Minimally addressed

Preferred means

- Education and training
- Funding support
- Conferences and other fora

Major target groups

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

- **System for decision-making on LMOs (procedures and guidelines)**

Extent of implementation

- Minimally addressed

Preferred means

- Guidance / training materials
- Guidance / training materials
- Scholarships / fellowships

Major target groups

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

- **Access to information communication technologies (ICTs)**

Extent of implementation

- Not addressed

Preferred means

- Guidance / training materials

Major target groups

- Decision / policy-makers (e.g. Ministers)
- IT, BCH and data / information managers

- **Mechanism for inspections and enforcement of biosafety laws**

Extent of implementation

- Not addressed

Preferred means

- Guidance / training materials

Major target groups

- Government regulators / administrators

- **System for post-release monitoring of LMOs**

Extent of implementation

- Minimally addressed

Preferred means

- Education and training

Major target groups

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

- **Training in scientific and technical fields relevant to biosafety**

Extent of implementation

- Minimally addressed

Preferred means

- Funding support
- Education and training

Major target groups

- Technical personnel / Scientists

- **Training in legal, social and economic fields relevant to biosafety**

Extent of implementation

- Minimally addressed

Preferred means

- Education and training
- Conferences and other fora
- Funding support

Major target groups

- Enforcement officials (e.g. field inspectors)
- Other professionals (e.g. lawyers, economists, etc.)

• **Training in risk assessment**

Extent of implementation

- Partially addressed

Preferred means

- Funding support
- Exchange programmes, internships, study tours, etc.
- Scholarships / fellowships

Major target groups

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

• **Training in LMO sampling and detection**

Extent of implementation

- Partially addressed

Preferred means

- Guidance / training materials

Major target groups

- Enforcement officials (e.g. field inspectors)
- Customs officials
- Technicians (e.g. in the laboratories)

• **Training in post-release monitoring of LMOs**

Extent of implementation

- Not addressed

Preferred means

- Funding support
- Conferences and other fora

Major target groups

- Government regulators / administrators

• **Biosafety research**

Extent of implementation

- Not addressed

Preferred means

- Education and training

Major target groups

- Technical personnel / Scientists

• **Training in socio-economic considerations relating to LMOs**

Extent of implementation

- Minimally addressed

Preferred means

- Funding support
- Conferences and other fora

Major target groups

- Decision / policy-makers (e.g. Ministers)

• **Training in liability and redress issues under the Protocol**

Extent of implementation

- Not addressed

Preferred means

- Conferences and other fora
- Funding support

Major target groups

- Other professionals (e.g. lawyers, economists, etc.)

• **Guidance on how to perform risk assessment**

Extent of implementation

- Partially addressed

Preferred means

- Education and training
- Funding support

Major target groups

- Government regulators / administrators

• **Tools and methodologies for environmental monitoring of LMOs**

Extent of implementation

- Minimally addressed

Preferred means

- Education and training
- Funding support

Major target groups

- Government regulators / administrators

• **Systems for public participation in biosafety**

Extent of implementation

- Partially addressed

Preferred means

- Guidance / training materials

Major target groups

- Decision / policy-makers (e.g. Ministers)

• **Equipment (hardware and software) to facilitate national participation in the BCH**

Extent of implementation

- Partially addressed

Preferred means

- Funding support

Major target groups

- IT, BCH and data / information managers

• **Mechanisms for regional cooperation**

Extent of implementation

- Not addressed

Preferred means

- Exchange programmes, internships, study tours, etc.

Major target groups

- Decision / policy-makers (e.g. Ministers)

• **Laboratory for LMO detection and analysis**

Extent of implementation

- Adequately addressed

Preferred means

- Funding support

Major target groups

- Technical personnel / Scientists

• **Guidance on unique identification systems**

Extent of implementation

- Partially addressed

Preferred means

- Education and training

Major target groups

- Technical personnel / Scientists

- **Simple/quick LMO test kits**

Extent of implementation

- Adequately addressed

Preferred means

- Funding support

Major target groups

- Technical personnel / Scientists

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

Extent of implementation

- Minimally addressed

Preferred means

- Guidance / training materials
- Conferences and other fora

Major target groups

- Decision / policy-makers (e.g. Ministers)

- **Guidance on taking into account socio-economic considerations in decision-making concerning LMOs**

Extent of implementation

- Minimally addressed

Preferred means

- Guidance / training materials
- Conferences and other fora
- Funding support

Major target groups

- Decision / policy-makers (e.g. Ministers)

- **Mechanisms for cooperation on research on socio-economic impacts of LMOs**

Extent of implementation

- Minimally addressed

Preferred means

- Education and training
- Funding support
- Conferences and other fora

Major target groups

- [Not specified]

- **Development of LMO traceability systems**

Extent of implementation

- Partially addressed

Preferred means

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

Major target groups

- Government regulators / administrators

- **National system for managing and protecting confidential information**

Extent of implementation

- Not addressed

Preferred means

- Guidance / training materials
- Funding support
- Conferences and other fora

Major target groups

- Government regulators / administrators