

# Capacity Building Needs and Priorities

Record information and status	
Record ID	101174
Status	Published
Date of creation	2010-05-19 22:31 UTC (ralvarez@conacyt.mx)
Date of last update	2015-05-13 17:35 UTC (rgonzalezt@conacyt.mx)
Date of publication	2015-05-13 17:35 UTC (rgonzalezt@conacyt.mx)

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## Areas of capacity building

# Broad areas in which capacity is needed

- · Institutional capacity
- Human resources capacity development and training
- · Risk assessment and other scientific and technical expertise
- · Risk management
- · Public awareness, participation and education in biosafety
- · 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
- Handling of confidential information
- · 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 need	ls and priorities
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•	Mechanism for coordination ar	mong national regulatory authorities and process	ses
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Extent of implementation

Preferred means

Major target groups

· Partially addressed

Funding support

 Government regulators / administrators

· System for magement of records related to LMO import applications and decisions

Extent of implementation

Preferred means

Major target groups

administrators

· Partially addressed

Funding support

• Government regulators /

Conferences and other fora

System for tracking and dealing with unintentional or illegal transboundary movements

Extent of implementation

Preferred means

Major target groups

· Partially addressed

· Funding support

• Government regulators /

administrators

System for post-release monitoring of LMOs

Extent of implementation

Preferred means

Major target groups

· Partially addressed

Funding support

 Government regulators / administrators

· Access to information on existing academic training programmes in biosafety

Extent of implementation

Preferred means

Major target groups

Partially addressed

Funding support

 Government regulators / administrators

· Access to information on staff exchange/on-the-job-training opportunities

Extent of implementation

Preferred means

Major target groups

· Partially addressed

· Funding support

 Government regulators / administrators

· Training in biosafety legislation and policy development and practice

Extent of implementation

Preferred means

Major target groups

· Partially addressed

Education and training

 Government regulators / administrators

· Training in scientific and technical fields relevant to biosafety

 $Extent\ of\ implementation$ 

 $Preferred\ means$ 

Major target groups

Partially addressed
 Funding support
 Government regulators /
administrators

· Training in legal, social and economic fields relevant to biosafety

Extent of implementation

Preferred means

Major target groups

Partially addressed

· Education and training

 Government regulators / administrators

Training in basics of biosafety and modern biotechnology

Extent of implementation
• Partially addressed

Preferred means

Education and training

• Exchange programmes, internships, study tours, etc.

Conferences and other fora

Major target groups

 Government regulators / administrators

• Technical personnel / Scientists

<ul> <li>Training in risk assessment</li> </ul>		
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Extent of implementation	Preferred means	Major target groups
<ul> <li>Partially addressed</li> </ul>	Education and training	Government regulators /
	• Funding support	administrators
		Technical personnel / Scientists
Training in risk management		
Extent of implementation	Preferred means	Major target groups
<ul> <li>Partially addressed</li> </ul>	<ul> <li>Education and training</li> </ul>	<ul> <li>Government regulators /</li> </ul>
	<ul> <li>Funding support</li> </ul>	administrators
		Technical personnel / Scientists
Training in biosafety communic	ation	
Extent of implementation	Preferred means	Major target groups
Partially addressed	Funding support	Government regulators /
		administrators
Training in LMO sampling and d	detection	
	Preferred means	Major target groups
<ul><li>Extent of implementation</li><li>Fully addressed</li></ul>	Exchange programmes,	Major target groups Government regulators /
runy addressed	Exchange programmes,     internships, study tours, etc.	Government regulators /     administrators
	Conferences and other fora	udininisti utors
Training in post-release monitor		
Extent of implementation	Preferred means	Major target groups
<ul> <li>Partially addressed</li> </ul>	• Funding support	Government regulators /
		administrators
Biosafety research		
Extent of implementation	Preferred means	Major target groups
<ul> <li>Partially addressed</li> </ul>	Funding support	Government regulators /
		administrators
Training in socio-economic cons	siderations relating to LMOs	
Extent of implementation	Preferred means	Major target groups
Partially addressed	Funding support	Government regulators /
	5 11	administrators
Training in documentation and	identification requirements for LMO ship	amonte
<del>-</del>	identification requirements for LMO ship	
Extent of implementation	Preferred means	Major target groups
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Extent of implementation  • Partially addressed	Preferred means • Funding support	Major target groups
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Estent of implementation   Preferred means   Major target groups			administrators
Partially addressed   Education and training   Funding support   Educations and instrators   Administrators	Guidance on different risk mana	gement measures	
Funding support   administrators   Technical personnel / Scientists	Extent of implementation	Preferred means	Major target groups
Rechanisms for cooperation in risk management	Partially addressed	<ul> <li>Education and training</li> </ul>	Government regulators /
Mechanisms for cooperation in risk management		Funding support	
Partially addressed   Punding support   Government regulators / administrators	Machaniana for accounting in		roomitour porsonmor, coloniasta
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Partially addressed   Funding support   Administrators	Extent of implementation	Preferred means	Major target groups
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Preferred means	Biosafety awareness and educati	ion programmes	
Partially addressed	•		Major target groups
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			Major target groups

	Extent of implementation	Preferred means	Major target groups
	Partially addressed	Funding support	Government regulators /
			administrators
	Laboratory for LMO detection and	l analysis	
	Extent of implementation	Preferred means	Major target groups
	Fully addressed	Education and training	Government regulators /
		Exchange programmes,	administrators
		internships, study tours, etc.	Technical personnel / Scientists
		<ul> <li>Conferences and other fora</li> </ul>	
•	Guidance on unique identification	systems	
	Extent of implementation	Preferred means	Major target groups
	Adequately addressed	Education and training	Government regulators /
		<ul> <li>Guidance / training materials</li> </ul>	administrators
			Technical personnel / Scientists
•	Simple/quick LMO test kits		
	Extent of implementation	Preferred means	Major target groups
	Partially addressed	Education and training	Government regulators /
		Conferences and other fora	administrators
			• Technical personnel / Scientists
•	National system for taking into ac	count socio-economic considerations is	n decision-making regarding LMOs
	Extent of implementation	Preferred means	Major target groups
	Partially addressed	Funding support	Government regulators /
		5 11	administrators
	Guidance on taking into account s	socio-economic considerations in decisi	ion-making concerning LMOs
	Extent of implementation	Preferred means	Major target groups
	Extent of implementation		
	Partially addressed	<ul> <li>Education and training</li> </ul>	• Government regulators /
	Partially addressed	<ul><li>Education and training</li><li>Funding support</li></ul>	Government regulators /     administrators
	Partially addressed	<ul><li> Education and training</li><li> Funding support</li><li> Conferences and other fora</li></ul>	<ul><li>Government regulators / administrators</li><li>Technical personnel / Scientists</li></ul>
		<ul><li>Funding support</li><li>Conferences and other fora</li></ul>	administrators • Technical personnel / Scientists
,	Mechanisms for cooperation on re	<ul> <li>Funding support</li> <li>Conferences and other fora</li> </ul> esearch on socio-economic impacts of I	administrators • Technical personnel / Scientists
,	Mechanisms for cooperation on re	<ul> <li>Funding support</li> <li>Conferences and other fora</li> </ul> esearch on socio-economic impacts of I Preferred means	administrators  • Technical personnel / Scientists  MOs  Major target groups
	Mechanisms for cooperation on re	<ul> <li>Funding support</li> <li>Conferences and other fora</li> </ul> esearch on socio-economic impacts of I	administrators • Technical personnel / Scientists
	Mechanisms for cooperation on re  Extent of implementation  • Partially addressed	<ul> <li>Funding support</li> <li>Conferences and other fora</li> </ul> esearch on socio-economic impacts of I Preferred means <ul> <li>Funding support</li> </ul>	administrators  • Technical personnel / Scientists  MOS  Major target groups  • Government regulators /
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• Guidance on assessment risks of LMOs to human health

Extent of implementation

Preferred means

• Partially addressed

• Funding support

Major target groups

• Government regulators / administrators