



Capacity Building Needs and Priorities

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Areas of capacity building

Broad areas in which capacity is needed

- · 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
- · Identification of LMOs, including their detection
- Measures to address unintentional and/or illegal transboundary movements of LMOs
- · Taking into account risks to human health

Needs and priorities

Specific needs and priorities

· Mechanism for coordination among national regulatory authorities and processes

Extent of implementation

Adequately addressed

Preferred means

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

Major target groups

- Technical personnel / Scientists
- IT, BCH and data / information managers
- Government regulators /

		administrators
System for magement of records re	lated to LMO import applications and decisions	
Extent of implementation	Preferred means	Major target groups
Adequately addressed	 Exchange programmes, internships, study tours, etc. Education and training Conferences and other fora 	 Decision / policy-makers (e.g. Ministers) Government regulators / administrators Enforcement officials (e.g. field inspectors)
System for decision-making on LM	Os (procedures and guidelines)	
Extent of implementation	Preferred means	Major target groups
Adequately addressed	 Technical assistance and advice 	 Decision / policy-makers (e.g.
	 Education and training Funding support	Ministers) • Government regulators / administrators • Enforcement officials (e.g. field
		inspectors)
Access to information communicati		
Extent of implementation	Preferred means	Major target groups
Adequately addressed	Guidance / training materialsFunding support	 Enforcement officials (e.g. field inspectors)
	Education and training	 Technicians (e.g. in the laboratories) Other professionals (e.g. lawyers, economists, etc.)
Internet connectivity		
Extent of implementation	Preferred means	Major target groups
Adequately addressed	 Technical assistance and advice Funding support Education and training 	 IT, BCH and data / information managers Technical personnel / Scientists Government regulators / administrators
Access to information on available	funding sources	
Extent of implementation	Preferred means	Major target groups
Partially addressed	Exchange programmes, internships,	Decision / policy-makers (e.g.
	study tours, etc. • Education and training	Ministers) • Interest groups (consumer groups,
	Membership with professional bodies / networks	farmers, NGOs, etc.) Other professionals (e.g. lawyers, economists, etc.)
Resource mobilisation skills (includ	ding project proposal writing)	
Extent of implementation	Preferred means	Major target groups
Adequately addressed	Guidance / training materials	IT, BCH and data / information
	Technical assistance and advice	managers • Mass media / extension workers • Technical personnel / Scientists
System for tracking and dealing wi	th unintentional or illegal transboundary movem	•
Extent of implementation	Preferred means	Major target groups
Partially addressed	Technical assistance and advice	Customs officials
	• Exchange programmes, internships,	• Enforcement officials (e.g. field
	study tours, etc. • Funding support	inspectors)Decision / policy-makers (e.g. Ministers)
System for post-release monitoring	of LMOs	,
Extent of implementation	Preferred means	Major target groups
Minimally addressed	Funding support	• Enforcement officials (e.g. field
,	Education and training	inspectors)

	Technical assistance and advice	Technical personnel / ScientistsMass media / extension workers
Access to information on existing a	academic training programmes in biosafety	
Extent of implementation	Preferred means	Major target groups
Adequately addressed	 Conferences and other fora Exchange programmes, internships, study tours, etc. Membership with professional bodies / networks 	 IT, BCH and data / information managers Other professionals (e.g. lawyers, economists, etc.) Technical personnel / Scientists
Access to biosafety training materi	ials	
Extent of implementation	Preferred means	Major target groups
Adequately addressed	Funding support	Enforcement officials (e.g. field
1 3	Education and trainingGuidance / training materials	inspectors) Customs officials Technical personnel / Scientists
Access to information on staff excl	nange/on-the-job-training opportunities	r
Extent of implementation	Preferred means	Major target groups
Partially addressed	Scholarships / fellowships	Enforcement officials (e.g. field)
,	Exchange programmes, internships,	inspectors)
	study tours, etc.	Customs officials
	Membership with professional bodies	Mass media / extension workers
	/ networks	
Training in biosafety legislation an	nd policy development and practice	
Extent of implementation	Preferred means	Major target groups
Partially addressed	Membership with professional bodies	Other professionals (e.g. lawyers,
	/ networks	economists, etc.)
	Technical assistance and advice	Technical personnel / Scientists
Training in eccentific and technical	Technical assistance and adviceGuidance / training materials	 Technical personnel / Scientists Government regulators / administrators
Training in scientific and technical Extent of implementation	Technical assistance and adviceGuidance / training materials	Government regulators /
	Technical assistance and advice Guidance / training materials fields relevant to biosafety	Government regulators / administrators
Extent of implementation	Technical assistance and advice Guidance / training materials I fields relevant to biosafety Preferred means	Government regulators / administrators Major target groups
Extent of implementation	Technical assistance and advice Guidance / training materials I fields relevant to biosafety Preferred means Conferences and other fora	Government regulators / administrators Major target groups
Extent of implementation • Partially addressed	Technical assistance and advice Guidance / training materials I fields relevant to biosafety Preferred means Conferences and other fora Scholarships / fellowships Exchange programmes, internships, study tours, etc.	Government regulators / administrators Major target groups
Extent of implementation Partially addressed Training in legal, social and economic extent of implementation	Technical assistance and advice Guidance / training materials I fields relevant to biosafety Preferred means Conferences and other fora Scholarships / fellowships Exchange programmes, internships, study tours, etc. mic fields relevant to biosafety Preferred means	Government regulators / administrators Major target groups
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Extent of implementation Partially addressed Training in legal, social and economic extent of implementation	Technical assistance and advice Guidance / training materials I fields relevant to biosafety Preferred means Conferences and other fora Scholarships / fellowships Exchange programmes, internships, study tours, etc. mic fields relevant to biosafety Preferred means Scholarships / fellowships Conferences and other fora Exchange programmes, internships,	 Government regulators / administrators Major target groups [Not specified] Major target groups Other professionals (e.g. lawyers, economists, etc.) Enforcement officials (e.g. field
Extent of implementation Partially addressed Training in legal, social and economic extent of implementation	Technical assistance and advice Guidance / training materials I fields relevant to biosafety Preferred means Conferences and other fora Scholarships / fellowships Exchange programmes, internships, study tours, etc. mic fields relevant to biosafety Preferred means Scholarships / fellowships Conferences and other fora	 Government regulators / administrators Major target groups [Not specified] Major target groups Other professionals (e.g. lawyers, economists, etc.) Enforcement officials (e.g. field inspectors)
Extent of implementation Partially addressed Training in legal, social and economic Extent of implementation Partially addressed	Technical assistance and advice Guidance / training materials I fields relevant to biosafety Preferred means Conferences and other fora Scholarships / fellowships Exchange programmes, internships, study tours, etc. mic fields relevant to biosafety Preferred means Scholarships / fellowships Conferences and other fora Exchange programmes, internships, study tours, etc.	 Government regulators / administrators Major target groups [Not specified] Major target groups Other professionals (e.g. lawyers, economists, etc.) Enforcement officials (e.g. field
Extent of implementation Partially addressed Training in legal, social and economic Extent of implementation Partially addressed Training in basics of biosafety and	Technical assistance and advice Guidance / training materials I fields relevant to biosafety Preferred means Conferences and other fora Scholarships / fellowships Exchange programmes, internships, study tours, etc. mic fields relevant to biosafety Preferred means Scholarships / fellowships Conferences and other fora Exchange programmes, internships, study tours, etc. modern biotechnology	 Government regulators / administrators Major target groups [Not specified] Major target groups Other professionals (e.g. lawyers, economists, etc.) Enforcement officials (e.g. field inspectors) Customs officials
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 Extent of implementation Partially addressed Training in legal, social and economic extent of implementation Partially addressed Training in basics of biosafety and extent of implementation Adequately addressed 	Technical assistance and advice Guidance / training materials I fields relevant to biosafety Preferred means Conferences and other fora Scholarships / fellowships Exchange programmes, internships, study tours, etc. mic fields relevant to biosafety Preferred means Scholarships / fellowships Conferences and other fora Exchange programmes, internships, study tours, etc. modern biotechnology Preferred means Education and training Guidance / training materials	 Government regulators / administrators Major target groups [Not specified] Major target groups Other professionals (e.g. lawyers, economists, etc.) Enforcement officials (e.g. field inspectors) Customs officials Enforcement officials (e.g. field inspectors) Customs officials (e.g. field inspectors) Customs officials Decision / policy-makers (e.g.
 Extent of implementation Partially addressed Training in legal, social and economextent of implementation Partially addressed Training in basics of biosafety and extent of implementation Adequately addressed Training in risk assessment	Technical assistance and advice Guidance / training materials I fields relevant to biosafety Preferred means Conferences and other fora Scholarships / fellowships Exchange programmes, internships, study tours, etc. mic fields relevant to biosafety Preferred means Scholarships / fellowships Conferences and other fora Exchange programmes, internships, study tours, etc. modern biotechnology Preferred means Education and training Guidance / training materials Funding support	• Government regulators / administrators Major target groups • [Not specified] Major target groups • Other professionals (e.g. lawyers, economists, etc.) • Enforcement officials (e.g. field inspectors) • Customs officials Major target groups • Enforcement officials (e.g. field inspectors) • Customs officials • Decision / policy-makers (e.g. Ministers)
 Extent of implementation Partially addressed Training in legal, social and economic extent of implementation Partially addressed Training in basics of biosafety and extent of implementation Adequately addressed Training in risk assessment Extent of implementation	Technical assistance and advice Guidance / training materials I fields relevant to biosafety Preferred means Conferences and other fora Scholarships / fellowships Exchange programmes, internships, study tours, etc. mic fields relevant to biosafety Preferred means Scholarships / fellowships Conferences and other fora Exchange programmes, internships, study tours, etc. modern biotechnology Preferred means Education and training Guidance / training materials Funding support Preferred means	 Government regulators / administrators Major target groups [Not specified] Major target groups Other professionals (e.g. lawyers, economists, etc.) Enforcement officials (e.g. field inspectors) Customs officials Enforcement officials (e.g. field inspectors) Customs officials Decision / policy-makers (e.g. Ministers)
 Extent of implementation Partially addressed Training in legal, social and economic extent of implementation Partially addressed Training in basics of biosafety and extent of implementation Adequately addressed Training in risk assessment Extent of implementation	Technical assistance and advice Guidance / training materials I fields relevant to biosafety Preferred means Conferences and other fora Scholarships / fellowships Exchange programmes, internships, study tours, etc. mic fields relevant to biosafety Preferred means Scholarships / fellowships Conferences and other fora Exchange programmes, internships, study tours, etc. modern biotechnology Preferred means Education and training Guidance / training materials Funding support Preferred means Conferences and other fora Preferred means Conferences and other fora	 Government regulators / administrators Major target groups [Not specified] Other professionals (e.g. lawyers, economists, etc.) Enforcement officials (e.g. field inspectors) Customs officials Enforcement officials (e.g. field inspectors) Customs officials Decision / policy-makers (e.g. Ministers) Major target groups Enforcement officials (e.g. field inspectors) Customs officials Decision / policy-makers (e.g. Ministers)
 Extent of implementation Partially addressed Training in legal, social and economic extent of implementation Partially addressed Training in basics of biosafety and extent of implementation Adequately addressed Training in risk assessment Extent of implementation	Technical assistance and advice Guidance / training materials I fields relevant to biosafety Preferred means Conferences and other fora Scholarships / fellowships Exchange programmes, internships, study tours, etc. I fields relevant to biosafety Preferred means Scholarships / fellowships Conferences and other fora Exchange programmes, internships, study tours, etc. I fields relevant to biosafety Preferred means Guidance internships Scholarships internships Funding support Preferred means Guidance / training materials Funding support Preferred means Conferences and other fora Funding support	 Government regulators / administrators Major target groups [Not specified] Other professionals (e.g. lawyers, economists, etc.) Enforcement officials (e.g. field inspectors) Customs officials Enforcement officials (e.g. field inspectors) Customs officials Decision / policy-makers (e.g. Ministers) Major target groups Enforcement officials (e.g. field inspectors) Enforcement officials (e.g. field inspectors)

Training in risk management	Proformed manne	Major target groups
Extent of implementation • Adequately addressed	Preferred means • Funding support	Major target groups Mass media / extension workers
• Adequatery addressed	Scholarships / fellowships	General public
	Education and training	Enforcement officials (e.g. field
		inspectors)
Training in biosafety regulatory iss	ues	
Extent of implementation	Preferred means	Major target groups
Partially addressed	Funding support	Mass media / extension workers
	 Exchange programmes, internships, 	General public
	study tours, etc.	 Enforcement officials (e.g. field
	 Scholarships / fellowships 	inspectors)
Training in biosafety communication	on	
Extent of implementation	Preferred means	Major target groups
Adequately addressed	Funding support	Mass media / extension workers
	Scholarships / fellowships Technical assistance and advise	Enforcement officials (e.g. field inspectors)
	Technical assistance and advice	inspectors) • General public
Training in LMO campling and data	action	Passas
Training in LMO sampling and dete Extent of implementation	Preferred means	Major target groups
Partially addressed	Funding support	• Enforcement officials (e.g. field
,	Technical assistance and advice	inspectors)
	Guidance / training materials	Interest groups (consumer groups,
		farmers, NGOs, etc.)
		Mass media / extension workers
Training in post-release monitoring	of LMOs	
Extent of implementation	Preferred means	Major target groups
Partially addressed	Education and training	• Enforcement officials (e.g. field
	Technical assistance and advice Cuidence (twising materials)	inspectors)
	Guidance / training materials	General publicMass media / extension workers
	6 1 111 73701	
Extent of implementation	s for handling LMO import and release application Preferred means	
Partially addressed	Education and training	Major target groupsInterest groups (consumer groups,
- Tardany addressed	Scholarships / fellowships	farmers, NGOs, etc.)
	Exchange programmes, internships,	Enforcement officials (e.g. field)
	study tours, etc.	inspectors)
		Mass media / extension workers
Training in preparation and presen	tation of LMO export or release applications/dos	siers
Extent of implementation	Preferred means	Major target groups
Partially addressed	 Conferences and other fora 	Mass media / extension workers
	Exchange programmes, internships,	Enforcement officials (e.g. field
	study tours, etc.	inspectors)
	Guidance / training materials	 Interest groups (consumer groups, farmers, NGOs, etc.)
Training in socio assumis saudi	reations relating to IMOs	Minoro, 11000, 000.)
Training in socio-economic conside	rations relating to LMOs Preferred means	Major target groups
Extent of implementation	Conferences and other fora	Major target groupsOther professionals (e.g. lawyers,
Extent of implementation Partially addressed		
Partially addressed		economists, etc.)
	Guidance / training materialsExchange programmes, internships,	economists, etc.) • Enforcement officials (e.g. field
	Guidance / training materials	
	Guidance / training materialsExchange programmes, internships,	• Enforcement officials (e.g. field
Partially addressed	Guidance / training materialsExchange programmes, internships,	• Enforcement officials (e.g. field inspectors)
Partially addressed	 Guidance / training materials Exchange programmes, internships, study tours, etc. 	• Enforcement officials (e.g. field inspectors)
Partially addressed Training in cost/benefit analysis as	Guidance / training materials Exchange programmes, internships, study tours, etc. part of the risk management strategy	 Enforcement officials (e.g. field inspectors) Mass media / extension workers

	Exchange programmes, internships, study tours, etc.Technical assistance and advice	Customs officialsGraduate and undergraduate students
Training in documentation and ide	ntification requirements for LMO shipments	
Extent of implementation	Preferred means	Major target groups
Partially addressed	 Funding support Exchange programmes, internships, study tours, etc. Technical assistance and advice 	 Enforcement officials (e.g. field inspectors) Customs officials Mass media / extension workers
Training in compliance requiremen	nts under the Protocol	
Extent of implementation	Preferred means	Major target groups
Partially addressed	 Exchange programmes, internships, study tours, etc. Technical assistance and advice Conferences and other fora 	 Enforcement officials (e.g. field inspectors) Customs officials Technical personnel / Scientists
Training in liability and redress iss	ues under the Protocol	
Extent of implementation	Preferred means	Major target groups
Partially addressed	 Conferences and other fora Guidance / training materials Education and training 	 Enforcement officials (e.g. field inspectors) Customs officials Other professionals (e.g. lawyers, economists, etc.)
Guidance on other international ag	reements relevant to biosafety	
Extent of implementation	Preferred means	Major target groups
Partially addressed	 Conferences and other fora Technical assistance and advice Exchange programmes, internships, study tours, etc. 	 Decision / policy-makers (e.g. Ministers) Technical personnel / Scientists Other professionals (e.g. lawyers, economists, etc.)
Access to basic ecological data to s	support risk assessments	
Extent of implementation	Preferred means	Major target groups
Partially addressed	 Exchange programmes, internships, study tours, etc. Conferences and other fora Guidance / training materials 	 Mass media / extension workers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists
Guidance documents on specific as	pects of risk assessment	
Extent of implementation	Preferred means	Major target groups
Adequately addressed	Funding supportTechnical assistance and adviceGuidance / training materials	 Customs officials Enforcement officials (e.g. field inspectors) Mass media / extension workers
Guidance on how to perform risk a	ssessment	
Extent of implementation	Preferred means	Major target groups
Adequately addressed	 Guidance / training materials Technical assistance and advice Exchange programmes, internships, study tours, etc. 	 Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Graduate and undergraduate students
National risk management system/	strategy	
Extent of implementation	Preferred means	Major target groups
Adequately addressed	 Technical assistance and advice Exchange programmes, internships, study tours, etc. 	 Enforcement officials (e.g. field inspectors) Other professionals (e.g. lawyers,

System to detect and appropriately	respond to unintentional LMO releases	
Extent of implementation	Preferred means	Major target groups
Adequately addressed	 Guidance / training materials Technical assistance and advice Membership with professional bodies / networks 	 Decision / policy-makers (e.g. Ministers) Enforcement officials (e.g. field inspectors) Mass media / extension workers
Guidance on different risk manage	ment measures	
Extent of implementation • Adequately addressed	 Preferred means Education and training Technical assistance and advice Exchange programmes, internships, study tours, etc. 	 Major target groups General public Enforcement officials (e.g. field inspectors) Interest groups (consumer groups, farmers, NGOs, etc.)
Mechanisms for cooperation in ris	k management	
Extent of implementation • Adequately addressed	Preferred meansGuidance / training materialsEducation and training	Major target groups Enforcement officials (e.g. field inspectors)
	Technical assistance and advice	Mass media / extension workersTechnical personnel / Scientists
National framework/system for pos		
Extent of implementation Partially addressed	Preferred means Technical assistance and advice Exchange programmes, internships, study tours, etc. Guidance / training materials	 Major target groups Technical personnel / Scientists Enforcement officials (e.g. field inspectors) IT, BCH and data / information
_	Droformed moone	Major target groups
Extent of implementation • Partially addressed	 Preferred means Funding support Exchange programmes, internships, study tours, etc. Education and training 	 Major target groups Mass media / extension workers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists
Extent of implementation • Partially addressed	Funding supportExchange programmes, internships, study tours, etc.	 Mass media / extension workers Enforcement officials (e.g. field inspectors)
Extent of implementation	Funding supportExchange programmes, internships, study tours, etc.	 Mass media / extension workers Enforcement officials (e.g. field inspectors)
Extent of implementation Partially addressed Biosafety awareness materials	 Funding support Exchange programmes, internships, study tours, etc. Education and training 	 Mass media / extension workers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists
Extent of implementation • Partially addressed Biosafety awareness materials Extent of implementation • Partially addressed Biosafety awareness and education	Funding support Exchange programmes, internships, study tours, etc. Education and training Preferred means Technical assistance and advice Guidance / training materials Funding support a programmes	 Mass media / extension workers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups Mass media / extension workers General public Interest groups (consumer groups,
Extent of implementation Partially addressed Biosafety awareness materials Extent of implementation Partially addressed Biosafety awareness and education Extent of implementation	Preferred means Guidance / training materials Funding support Preferred means Technical assistance and advice Guidance / training materials Funding support programmes Preferred means	 Mass media / extension workers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups Mass media / extension workers General public Interest groups (consumer groups, farmers, NGOs, etc.) Major target groups
Extent of implementation Partially addressed Biosafety awareness materials Extent of implementation Partially addressed Biosafety awareness and education	Funding support Exchange programmes, internships, study tours, etc. Education and training Preferred means Technical assistance and advice Guidance / training materials Funding support a programmes	 Mass media / extension workers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups Mass media / extension workers General public Interest groups (consumer groups, farmers, NGOs, etc.)
Extent of implementation Partially addressed Biosafety awareness materials Extent of implementation Partially addressed Biosafety awareness and education Extent of implementation Partially addressed	Preferred means Technical assistance and advice Guidance / training materials Funding support programmes Preferred means Guidance / training materials Funding support programmes Preferred means Guidance / training materials Education and training	 Mass media / extension workers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups Mass media / extension workers General public Interest groups (consumer groups, farmers, NGOs, etc.) Major target groups General public Mass media / extension workers Interest groups (consumer groups, farmers)
Extent of implementation Partially addressed Biosafety awareness materials Extent of implementation Partially addressed Biosafety awareness and education Extent of implementation	Preferred means Technical assistance and advice Guidance / training materials Funding support programmes Preferred means Guidance / training materials Funding support programmes Preferred means Guidance / training materials Education and training	 Mass media / extension workers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups Mass media / extension workers General public Interest groups (consumer groups, farmers, NGOs, etc.) Major target groups General public Mass media / extension workers Interest groups (consumer groups, farmers, NGOs, etc.)
Extent of implementation Partially addressed Biosafety awareness materials Extent of implementation Partially addressed Biosafety awareness and education Extent of implementation Partially addressed	Preferred means Technical assistance and advice Guidance / training materials Funding support programmes Preferred means Guidance / training materials Funding support programmes Preferred means Guidance / training materials Guidance / training	 Mass media / extension workers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups Mass media / extension workers General public Interest groups (consumer groups, farmers, NGOs, etc.) Major target groups General public Mass media / extension workers Interest groups (consumer groups, farmers)
Extent of implementation Partially addressed Biosafety awareness materials Extent of implementation Partially addressed Biosafety awareness and education Extent of implementation Partially addressed	Preferred means Technical assistance and advice Guidance / training materials Funding support programmes Preferred means Guidance / training materials Funding support programmes Preferred means Guidance / training materials Scholarships / fellowships Education and training Preferred means Preferred means Preferred means Preferred means	 Mass media / extension workers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups Mass media / extension workers General public Interest groups (consumer groups, farmers, NGOs, etc.) Major target groups General public Mass media / extension workers Interest groups (consumer groups, farmers, NGOs, etc.) Major target groups
Biosafety awareness materials Extent of implementation Partially addressed Biosafety awareness and education Extent of implementation Partially addressed Biosafety documentation units or in Extent of implementation Minimally addressed	Preferred means Guidance / training materials Funding support Guidance / training materials Funding support Funding support Guidance / training materials Funding support Funding support Guidance / training materials Funding support Funding support Guidance / training materials	 Mass media / extension workers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups Mass media / extension workers General public Interest groups (consumer groups, farmers, NGOs, etc.) Major target groups General public Mass media / extension workers Interest groups (consumer groups, farmers, NGOs, etc.) Major target groups General public Interest groups (consumer groups, farmers, NGOs, etc.) Mass media / extension workers Interest groups (consumer groups, farmers, NGOs, etc.) Mass media / extension workers
Extent of implementation Partially addressed Biosafety awareness materials Extent of implementation Partially addressed Biosafety awareness and education Extent of implementation Partially addressed Biosafety documentation units or in Extent of implementation Minimally addressed	Funding support Exchange programmes, internships, study tours, etc. Education and training Preferred means Technical assistance and advice Guidance / training materials Funding support programmes Preferred means Guidance / training materials Scholarships / fellowships Education and training reference libraries Preferred means Funding support Guidance / training materials Education and training	 Mass media / extension workers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups Mass media / extension workers General public Interest groups (consumer groups, farmers, NGOs, etc.) Major target groups General public Mass media / extension workers Interest groups (consumer groups, farmers, NGOs, etc.) Major target groups General public Interest groups (consumer groups, farmers, NGOs, etc.) Mass media / extension workers Interest groups (consumer groups, farmers, NGOs, etc.) Mass media / extension workers

	Technical assistance and advice	farmers, NGOs, etc.)
National biosafety website		
Extent of implementation	Preferred means	Major target groups
Minimally addressed	 Funding support 	 General public
	 Education and training 	 Interest groups (consumer groups,
	Technical assistance and advice	farmers, NGOs, etc.)
		Decision / policy-makers (e.g.
D. C 1		Ministers)
Biosafety outreach strategy/ comm		
Extent of implementation	Preferred means	Major target groups
Partially addressed	Funding support	Decision / policy-makers (e.g.
	Guidance / training materials To lain lain training materials	Ministers)
	Technical assistance and advice	Government regulators / Junicipations
		administratorsIT, BCH and data / information
		managers
Training in risk-communication		
Extent of implementation	Preferred means	Major target groups
Minimally addressed	Guidance / training materials	Mass media / extension workers
	Technical assistance and advice	Technical personnel / Scientists
	 Conferences and other fora 	Mass media / extension workers
Systems for public participation in	biosafety	
Extent of implementation	Preferred means	Major target groups
Minimally addressed	Technical assistance and advice	Other professionals (e.g. lawyers,
	Guidance / training materials	economists, etc.)
	Guidanoo / training materials	Enforcement officials (e.g. field
		_
		inspectors)
		inspectors) • Technical personnel / Scientists
National system (policy, procedures	s and mechanisms) for biosafety information ma	Technical personnel / Scientists
National system (policy, procedures Extent of implementation	s and mechanisms) for biosafety information man	Technical personnel / Scientists nagement
		Technical personnel / Scientists
Extent of implementation	Preferred means	Technical personnel / Scientists nagement Major target groups
Extent of implementation	Preferred means • Funding support	Technical personnel / Scientists nagement Major target groups Decision / policy-makers (e.g.
Extent of implementation	Preferred means Funding support Technical assistance and advice	Technical personnel / Scientists nagement Major target groups Decision / policy-makers (e.g. Ministers)
Extent of implementation	Preferred means Funding support Technical assistance and advice	Technical personnel / Scientists nagement Major target groups Decision / policy-makers (e.g. Ministers) Government regulators /
Extent of implementation	Preferred means Funding support Technical assistance and advice	Technical personnel / Scientists nagement Major target groups Decision / policy-makers (e.g. Ministers) Government regulators / administrators
Extent of implementation • Minimally addressed	Preferred means Funding support Technical assistance and advice	Technical personnel / Scientists Major target groups Decision / policy-makers (e.g. Ministers) Government regulators / administrators Other professionals (e.g. lawyers,
Extent of implementation • Minimally addressed Equipment (hardware and software Extent of implementation	Preferred means • Funding support • Technical assistance and advice • Education and training) to facilitate national participation in the BCH Preferred means	Technical personnel / Scientists Major target groups Decision / policy-makers (e.g. Ministers) Government regulators / administrators Other professionals (e.g. lawyers, economists, etc.) Major target groups
Extent of implementation • Minimally addressed Equipment (hardware and software	Preferred means • Funding support • Technical assistance and advice • Education and training) to facilitate national participation in the BCH Preferred means • Funding support	Technical personnel / Scientists Major target groups Decision / policy-makers (e.g. Ministers) Government regulators / administrators Other professionals (e.g. lawyers, economists, etc.) Major target groups IT, BCH and data / information
Extent of implementation • Minimally addressed Equipment (hardware and software Extent of implementation	Preferred means • Funding support • Technical assistance and advice • Education and training) to facilitate national participation in the BCH Preferred means • Funding support • Education and training	Technical personnel / Scientists Major target groups Decision / policy-makers (e.g. Ministers) Government regulators / administrators Other professionals (e.g. lawyers, economists, etc.) Major target groups IT, BCH and data / information managers
Extent of implementation • Minimally addressed Equipment (hardware and software Extent of implementation	Preferred means • Funding support • Technical assistance and advice • Education and training) to facilitate national participation in the BCH Preferred means • Funding support	Technical personnel / Scientists Major target groups Decision / policy-makers (e.g. Ministers) Government regulators / administrators Other professionals (e.g. lawyers, economists, etc.) Major target groups IT, BCH and data / information managers Enforcement officials (e.g. field
Extent of implementation • Minimally addressed Equipment (hardware and software Extent of implementation	Preferred means • Funding support • Technical assistance and advice • Education and training) to facilitate national participation in the BCH Preferred means • Funding support • Education and training	Technical personnel / Scientists Major target groups Decision / policy-makers (e.g. Ministers) Government regulators / administrators Other professionals (e.g. lawyers, economists, etc.) Major target groups IT, BCH and data / information managers Enforcement officials (e.g. field inspectors)
Extent of implementation • Minimally addressed Equipment (hardware and software Extent of implementation	Preferred means • Funding support • Technical assistance and advice • Education and training) to facilitate national participation in the BCH Preferred means • Funding support • Education and training	Technical personnel / Scientists Major target groups Decision / policy-makers (e.g. Ministers) Government regulators / administrators Other professionals (e.g. lawyers, economists, etc.) Major target groups IT, BCH and data / information managers Enforcement officials (e.g. field
Extent of implementation Minimally addressed Equipment (hardware and software Extent of implementation Minimally addressed	Preferred means • Funding support • Technical assistance and advice • Education and training) to facilitate national participation in the BCH Preferred means • Funding support • Education and training • Technical assistance and advice	Technical personnel / Scientists Major target groups Decision / policy-makers (e.g. Ministers) Government regulators / administrators Other professionals (e.g. lawyers, economists, etc.) Major target groups IT, BCH and data / information managers Enforcement officials (e.g. field inspectors)
Extent of implementation Minimally addressed Equipment (hardware and software Extent of implementation Minimally addressed	Preferred means • Funding support • Technical assistance and advice • Education and training) to facilitate national participation in the BCH Preferred means • Funding support • Education and training • Technical assistance and advice	 Technical personnel / Scientists Major target groups Decision / policy-makers (e.g. Ministers) Government regulators / administrators Other professionals (e.g. lawyers, economists, etc.) Major target groups IT, BCH and data / information managers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups
Extent of implementation Minimally addressed Equipment (hardware and software Extent of implementation Minimally addressed Establishment of national biosafety	Preferred means • Funding support • Technical assistance and advice • Education and training) to facilitate national participation in the BCH Preferred means • Funding support • Education and training • Technical assistance and advice	Technical personnel / Scientists Major target groups Decision / policy-makers (e.g. Ministers) Government regulators / administrators Other professionals (e.g. lawyers, economists, etc.) Major target groups IT, BCH and data / information managers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists
 Extent of implementation Minimally addressed Equipment (hardware and software Extent of implementation Minimally addressed Establishment of national biosafety Extent of implementation	Preferred means • Funding support • Technical assistance and advice • Education and training) to facilitate national participation in the BCH Preferred means • Funding support • Education and training • Technical assistance and advice r databases Preferred means • Funding support • Technical assistance and advice	 Technical personnel / Scientists Major target groups Decision / policy-makers (e.g. Ministers) Government regulators / administrators Other professionals (e.g. lawyers, economists, etc.) Major target groups IT, BCH and data / information managers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups
 Extent of implementation Minimally addressed Equipment (hardware and software Extent of implementation Minimally addressed Establishment of national biosafety Extent of implementation	Preferred means • Funding support • Technical assistance and advice • Education and training) to facilitate national participation in the BCH Preferred means • Funding support • Education and training • Technical assistance and advice databases Preferred means • Funding support	Technical personnel / Scientists Major target groups Decision / policy-makers (e.g. Ministers) Government regulators / administrators Other professionals (e.g. lawyers, economists, etc.) Major target groups IT, BCH and data / information managers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups IT, BCH and data / information
 Extent of implementation Minimally addressed Equipment (hardware and software Extent of implementation Minimally addressed Establishment of national biosafety Extent of implementation 	Preferred means • Funding support • Technical assistance and advice • Education and training) to facilitate national participation in the BCH Preferred means • Funding support • Education and training • Technical assistance and advice r databases Preferred means • Funding support • Technical assistance and advice	 Technical personnel / Scientists Major target groups Decision / policy-makers (e.g. Ministers) Government regulators / administrators Other professionals (e.g. lawyers, economists, etc.) Major target groups IT, BCH and data / information managers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups IT, BCH and data / information managers Enforcement officials (e.g. field inspectors)
 Extent of implementation Minimally addressed Equipment (hardware and software Extent of implementation Minimally addressed Establishment of national biosafety Extent of implementation 	Preferred means • Funding support • Technical assistance and advice • Education and training) to facilitate national participation in the BCH Preferred means • Funding support • Education and training • Technical assistance and advice Value of the description of the BCH and the BCH are the BCH a	 Technical personnel / Scientists Major target groups Decision / policy-makers (e.g. Ministers) Government regulators / administrators Other professionals (e.g. lawyers, economists, etc.) Major target groups IT, BCH and data / information managers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups IT, BCH and data / information managers Enforcement officials (e.g. field
Extent of implementation Minimally addressed Equipment (hardware and software Extent of implementation Minimally addressed Establishment of national biosafety Extent of implementation Minimally addressed	Preferred means • Funding support • Technical assistance and advice • Education and training) to facilitate national participation in the BCH Preferred means • Funding support • Education and training • Technical assistance and advice Preferred means • Funding support • Technical assistance and advice • Membership with professional bodies / networks	 Technical personnel / Scientists Major target groups Decision / policy-makers (e.g. Ministers) Government regulators / administrators Other professionals (e.g. lawyers, economists, etc.) Major target groups IT, BCH and data / information managers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups IT, BCH and data / information managers Enforcement officials (e.g. field inspectors)
Extent of implementation Minimally addressed Equipment (hardware and software Extent of implementation Minimally addressed Establishment of national biosafety Extent of implementation Minimally addressed	Preferred means • Funding support • Technical assistance and advice • Education and training • to facilitate national participation in the BCH Preferred means • Funding support • Education and training • Technical assistance and advice • databases Preferred means • Funding support • Technical assistance and advice • Membership with professional bodies / networks ral portal Preferred means	 Technical personnel / Scientists Major target groups Decision / policy-makers (e.g. Ministers) Government regulators / administrators Other professionals (e.g. lawyers, economists, etc.) Major target groups IT, BCH and data / information managers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups IT, BCH and data / information managers Enforcement officials (e.g. field inspectors)
Extent of implementation Minimally addressed Equipment (hardware and software Extent of implementation Minimally addressed Establishment of national biosafety Extent of implementation Minimally addressed Interoperability with the BCH central	Preferred means • Funding support • Technical assistance and advice • Education and training • to facilitate national participation in the BCH Preferred means • Funding support • Education and training • Technical assistance and advice • databases Preferred means • Funding support • Technical assistance and advice • Membership with professional bodies / networks	 Technical personnel / Scientists Major target groups Decision / policy-makers (e.g. Ministers) Government regulators / administrators Other professionals (e.g. lawyers, economists, etc.) Major target groups IT, BCH and data / information managers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups IT, BCH and data / information managers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists
Extent of implementation Minimally addressed Equipment (hardware and software Extent of implementation Minimally addressed Establishment of national biosafety Extent of implementation Minimally addressed Interoperability with the BCH center Extent of implementation	Preferred means • Funding support • Technical assistance and advice • Education and training • to facilitate national participation in the BCH Preferred means • Funding support • Education and training • Technical assistance and advice • databases Preferred means • Funding support • Technical assistance and advice • Membership with professional bodies / networks ral portal Preferred means	 Technical personnel / Scientists Major target groups Decision / policy-makers (e.g. Ministers) Government regulators / administrators Other professionals (e.g. lawyers, economists, etc.) Major target groups IT, BCH and data / information managers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups IT, BCH and data / information managers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups IT, BCH and data / information managers IT get and data / information managers
Extent of implementation Minimally addressed Equipment (hardware and software Extent of implementation Minimally addressed Establishment of national biosafety Extent of implementation Minimally addressed Interoperability with the BCH center Extent of implementation	Preferred means • Funding support • Technical assistance and advice • Education and training • to facilitate national participation in the BCH Preferred means • Funding support • Education and training • Technical assistance and advice • Membership with professional bodies / networks ral portal Preferred means • Education and training	 Technical personnel / Scientists Major target groups Decision / policy-makers (e.g. Ministers) Government regulators / administrators Other professionals (e.g. lawyers, economists, etc.) Major target groups IT, BCH and data / information managers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups IT, BCH and data / information managers Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups IT, BCH and data / information Technical personnel / Scientists

Non Internet		farmers, NGOs, etc.)
Non-Internet access to the BCH	Due Come de come	Maiantanatan
Extent of implementation	Preferred means	Major target groups
Minimally addressed	Technical assistance and advice	Mass media / extension workersGeneral public
		Interest groups (consumer groups,
		farmers, NGOs, etc.)
Systems for data and information s	equity and hack up	
Systems for data and information se Extent of implementation	Preferred means	Major target groups
Minimally addressed	Funding support	Major target groups IT, BCH and data / information
• Millimany addressed	Technical assistance and advice	managers
	and dayloo	Technical personnel / Scientists
Combania for data and data are	124	•
Systems for data validation and qua		
Extent of implementation	Preferred means	Major target groups
Minimally addressed	Funding support Education and training	IT, BCH and data / information managers
	Education and training	managers
Mechanism for biosafety information	on gathering and reporting	
Extent of implementation	Preferred means	Major target groups
Minimally addressed	Guidance / training materials	IT, BCH and data / information
	 Technical assistance and advice 	managers
Training in the use and managemen	nt of the BCH central portal	
Extent of implementation	Preferred means	Major target groups
Minimally addressed	Guidance / training materials	IT, BCH and data / information
	 Technical assistance and advice 	managers
Mechanisms for regional cooperation	on	
Extent of implementation	Preferred means	Major target groups
Adequately addressed	Technical assistance and advice	• Enforcement officials (e.g. field
1 0	Conferences and other fora	inspectors)
		Government regulators /
		administrators
		 IT, BCH and data / information
		managers
Training in collaboration technique	es and approaches	
Extent of implementation	Preferred means	Major target groups
Partially addressed	Funding support	Enforcement officials (e.g. field
		inspectors)
		Interest groups (consumer groups,
		Interest groups (consumer groups, farmers, NGOs, etc.)
		Interest groups (consumer groups, farmers, NGOs, etc.)Enforcement officials (e.g. field
		Interest groups (consumer groups, farmers, NGOs, etc.)
-		Interest groups (consumer groups, farmers, NGOs, etc.)Enforcement officials (e.g. field
Training in negotiation skills Extent of implementation	Preferred means	 Interest groups (consumer groups, farmers, NGOs, etc.) Enforcement officials (e.g. field inspectors) Major target groups
	Funding support	 Interest groups (consumer groups, farmers, NGOs, etc.) Enforcement officials (e.g. field inspectors) Major target groups Decision / policy-makers (e.g.
Extent of implementation		 Interest groups (consumer groups, farmers, NGOs, etc.) Enforcement officials (e.g. field inspectors) Major target groups Decision / policy-makers (e.g. Ministers)
Extent of implementation	Funding support	 Interest groups (consumer groups, farmers, NGOs, etc.) Enforcement officials (e.g. field inspectors) Major target groups Decision / policy-makers (e.g. Ministers) Other professionals (e.g. lawyers,
Extent of implementation	Funding support	 Interest groups (consumer groups, farmers, NGOs, etc.) Enforcement officials (e.g. field inspectors) Major target groups Decision / policy-makers (e.g. Ministers)
Extent of implementation	Funding supportConferences and other fora	 Interest groups (consumer groups, farmers, NGOs, etc.) Enforcement officials (e.g. field inspectors) Major target groups Decision / policy-makers (e.g. Ministers) Other professionals (e.g. lawyers,
Extent of implementation • Minimally addressed	 Funding support Conferences and other fora technologies relevant for biosafety Preferred means	 Interest groups (consumer groups, farmers, NGOs, etc.) Enforcement officials (e.g. field inspectors) Major target groups Decision / policy-makers (e.g. Ministers) Other professionals (e.g. lawyers, economists, etc.) Major target groups
 Extent of implementation Minimally addressed Access to information on available	Funding support Conferences and other fora technologies relevant for biosafety Preferred means Exchange programmes, internships,	 Interest groups (consumer groups, farmers, NGOs, etc.) Enforcement officials (e.g. field inspectors) Major target groups Decision / policy-makers (e.g. Ministers) Other professionals (e.g. lawyers, economists, etc.) Major target groups Interest groups (consumer groups,
 Extent of implementation Minimally addressed Access to information on available extent of implementation	Funding support Conferences and other fora technologies relevant for biosafety Preferred means Exchange programmes, internships, study tours, etc.	 Interest groups (consumer groups, farmers, NGOs, etc.) Enforcement officials (e.g. field inspectors) Major target groups Decision / policy-makers (e.g. Ministers) Other professionals (e.g. lawyers, economists, etc.) Major target groups Interest groups (consumer groups, farmers, NGOs, etc.)
 Extent of implementation Minimally addressed Access to information on available extent of implementation	Funding support Conferences and other fora technologies relevant for biosafety Preferred means Exchange programmes, internships,	 Interest groups (consumer groups, farmers, NGOs, etc.) Enforcement officials (e.g. field inspectors) Major target groups Decision / policy-makers (e.g. Ministers) Other professionals (e.g. lawyers, economists, etc.) Major target groups Interest groups (consumer groups, farmers, NGOs, etc.) Enforcement officials (e.g. field
 Extent of implementation Minimally addressed Access to information on available extent of implementation	Funding support Conferences and other fora technologies relevant for biosafety Preferred means Exchange programmes, internships, study tours, etc.	 Interest groups (consumer groups, farmers, NGOs, etc.) Enforcement officials (e.g. field inspectors) Major target groups Decision / policy-makers (e.g. Ministers) Other professionals (e.g. lawyers, economists, etc.) Major target groups Interest groups (consumer groups, farmers, NGOs, etc.) Enforcement officials (e.g. field inspectors)
 Extent of implementation Minimally addressed Access to information on available extent of implementation	Funding support Conferences and other fora technologies relevant for biosafety Preferred means Exchange programmes, internships, study tours, etc.	 Interest groups (consumer groups, farmers, NGOs, etc.) Enforcement officials (e.g. field inspectors) Major target groups Decision / policy-makers (e.g. Ministers) Other professionals (e.g. lawyers, economists, etc.) Major target groups Interest groups (consumer groups, farmers, NGOs, etc.) Enforcement officials (e.g. field
 Extent of implementation Minimally addressed Access to information on available extent of implementation	 Funding support Conferences and other fora technologies relevant for biosafety Preferred means Exchange programmes, internships, study tours, etc. Technical assistance and advice 	 Interest groups (consumer groups, farmers, NGOs, etc.) Enforcement officials (e.g. field inspectors) Major target groups Decision / policy-makers (e.g. Ministers) Other professionals (e.g. lawyers, economists, etc.) Major target groups Interest groups (consumer groups, farmers, NGOs, etc.) Enforcement officials (e.g. field inspectors)

Minimally addressed	Funding supportConferences and other fora	 IT, BCH and data / information managers Other professionals (e.g. lawyers, economists, etc.)
Laboratory for LMO detection and a	nalysis	
Extent of implementation	Preferred means	Major target groups
Minimally addressed	Technical assistance and advice	Technicians (e.g. in the laboratories)Graduate and undergraduate students
Guidance on unique identification sy	ystems	
Extent of implementation	Preferred means	Major target groups
Adequately addressed	 Technical assistance and advice 	 Customs officials
	Conferences and other fora	 Enforcement officials (e.g. field inspectors)
Simple/quick LMO test kits		
Extent of implementation	Preferred means	Major target groups
Minimally addressed	Technical assistance and advice	• Technicians (e.g. in the laboratories)
		 Technical personnel / Scientists Enforcement officials (e.g. field inspectors)
Mechanisms for cooperation on rese	earch on socio-economic impacts of LMOs	
Extent of implementation	Preferred means	Major target groups
Extent of implementation • Minimally addressed	Preferred means • Guidance / training materials	Major target groupsOther professionals (e.g. lawyers,
		 Other professionals (e.g. lawyers, economists, etc.) Enforcement officials (e.g. field
Minimally addressed	Guidance / training materialsEducation and training	Other professionals (e.g. lawyers, economists, etc.)
Minimally addressed Development of LMO traceability sys	Guidance / training materials Education and training stems	 Other professionals (e.g. lawyers, economists, etc.) Enforcement officials (e.g. field inspectors)
Minimally addressed Development of LMO traceability systems of implementation	 Guidance / training materials Education and training stems Preferred means	 Other professionals (e.g. lawyers, economists, etc.) Enforcement officials (e.g. field inspectors) Major target groups
Minimally addressed Development of LMO traceability sys	Guidance / training materials Education and training stems Preferred means Guidance / training materials	 Other professionals (e.g. lawyers, economists, etc.) Enforcement officials (e.g. field inspectors) Major target groups Enforcement officials (e.g. field
Minimally addressed Development of LMO traceability systems of implementation	 Guidance / training materials Education and training stems Preferred means	 Other professionals (e.g. lawyers, economists, etc.) Enforcement officials (e.g. field inspectors) Major target groups Enforcement officials (e.g. field inspectors)
 Minimally addressed Development of LMO traceability systems of implementation Minimally addressed 	Guidance / training materials Education and training stems Preferred means Guidance / training materials Technical assistance and advice	 Other professionals (e.g. lawyers, economists, etc.) Enforcement officials (e.g. field inspectors) Major target groups Enforcement officials (e.g. field
 Minimally addressed Development of LMO traceability sys Extent of implementation Minimally addressed Training in biosafety record keeping 	Guidance / training materials Education and training stems Preferred means Guidance / training materials Technical assistance and advice g and information security	 Other professionals (e.g. lawyers, economists, etc.) Enforcement officials (e.g. field inspectors) Major target groups Enforcement officials (e.g. field inspectors) Technical personnel / Scientists
 Minimally addressed Development of LMO traceability systems of implementation Minimally addressed Training in biosafety record keeping Extent of implementation 	Guidance / training materials Education and training stems Preferred means Guidance / training materials Technical assistance and advice g and information security Preferred means	 Other professionals (e.g. lawyers, economists, etc.) Enforcement officials (e.g. field inspectors) Major target groups Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups
 Minimally addressed Development of LMO traceability sys Extent of implementation Minimally addressed Training in biosafety record keeping 	Guidance / training materials Education and training Stems Preferred means Guidance / training materials Technical assistance and advice Jand information security Preferred means Funding support	 Other professionals (e.g. lawyers, economists, etc.) Enforcement officials (e.g. field inspectors) Major target groups Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups Enforcement officials (e.g. field
 Minimally addressed Development of LMO traceability systems of implementation Minimally addressed Training in biosafety record keeping Extent of implementation 	Guidance / training materials Education and training stems Preferred means Guidance / training materials Technical assistance and advice g and information security Preferred means	 Other professionals (e.g. lawyers, economists, etc.) Enforcement officials (e.g. field inspectors) Major target groups Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups
 Minimally addressed Development of LMO traceability systems of implementation Minimally addressed Training in biosafety record keeping Extent of implementation Adequately addressed 	Guidance / training materials Education and training	 Other professionals (e.g. lawyers, economists, etc.) Enforcement officials (e.g. field inspectors) Major target groups Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups Enforcement officials (e.g. field
 Minimally addressed Development of LMO traceability sys Extent of implementation Minimally addressed Training in biosafety record keeping Extent of implementation Adequately addressed 	Guidance / training materials Education and training	 Other professionals (e.g. lawyers, economists, etc.) Enforcement officials (e.g. field inspectors) Major target groups Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups Enforcement officials (e.g. field
 Minimally addressed Development of LMO traceability systems of implementation Minimally addressed Training in biosafety record keeping Extent of implementation Adequately addressed Guidance on assessment risks of LM 	Guidance / training materials Education and training Stems Preferred means Guidance / training materials Technical assistance and advice and information security Preferred means Funding support Technical assistance and advice Os to human health	 Other professionals (e.g. lawyers, economists, etc.) Enforcement officials (e.g. field inspectors) Major target groups Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups Enforcement officials (e.g. field inspectors)
 Minimally addressed Development of LMO traceability systems of implementation Minimally addressed Training in biosafety record keeping Extent of implementation Adequately addressed Guidance on assessment risks of LM Extent of implementation Minimally addressed 	Guidance / training materials Education and training Stems Preferred means Guidance / training materials Technical assistance and advice and information security Preferred means Funding support Technical assistance and advice Os to human health Preferred means Education and training Technical assistance and advice	 Other professionals (e.g. lawyers, economists, etc.) Enforcement officials (e.g. field inspectors) Major target groups Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups Enforcement officials (e.g. field inspectors) Major target groups Enforcement officials (e.g. field inspectors)
Minimally addressed Development of LMO traceability systems of implementation Minimally addressed Training in biosafety record keeping Extent of implementation Adequately addressed Guidance on assessment risks of LM Extent of implementation	Guidance / training materials Education and training Stems Preferred means Guidance / training materials Technical assistance and advice and information security Preferred means Funding support Technical assistance and advice Os to human health Preferred means Education and training Technical assistance and advice	 Other professionals (e.g. lawyers, economists, etc.) Enforcement officials (e.g. field inspectors) Major target groups Enforcement officials (e.g. field inspectors) Technical personnel / Scientists Major target groups Enforcement officials (e.g. field inspectors) Major target groups Enforcement officials (e.g. field inspectors)