

BCIL's Association with Project

- Coordinated the Launching Workshop in 2003
- Active participation in Training
- Co-organised International Conference
- Information Dissemination through websites, newsletters and publications

Training Activities

- Conducted Training Needs Assessment survey, to assist MoEF in organising systematic planned training activities
- Organised a series of eight training programmes for State Agriculture Universities
- Organised a series of six training programmes for members of SBCCs, DLCs and IBSCs.

Information Dissemination

- Established and maintained India's Biosafety Clearance House
- Established Project website as part of MoEF website
- Prepared and Circulated Quarterly Biosafety Newsletter
- Prepared and circulated Biosafety Information Kit

TNA HIGHLIGHTS: TARGET STAKEHOLDERS

1. DECISION/POLICYMAKERS
2. REGULATORS
3. SCIENTISTS/TECHNICAL EXPERTS
4. ENFORCEMENT OFFICIALS
5. LEGAL EXPERTS
6. ECONOMISTS
7. DATA/INFORMATION MANAGERS
8. RESEARCHERS AND TECHNICIANS
9. GRADUATE AND UNDERGRADUATE STUDENTS
10. INTEREST GROUPS
11. MASS MEDIA AND OUTREACH/EXTENSION WORKERS
12. GENERAL PUBLIC AND POLITICIANS

TRAINING NEEDS	MAJOR TARGET GROUPS												
(KEY COMPETENCES – KNOWLEDGE AND SKILLS REQUIRED)	Decision makers	Government jobs	Scientists/academics & experts	Enforcement officials	Customs officials	Laymen	Economists	Data/information managers	Researchers & technicians	College & university students	Interest groups (Consumer groups, farmers, NGOs), Associations	Mass media (TV, radio, newspaper)	General public, politicians
General biosafety/ biotech knowledge	☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐
Molecular biology skills													
Biosafety research/ field trial techniques (e.g. buffer zone, isolation distance, etc.)		☐	☐						☐	☐			
Risk assessment & management	☐	☐	☐	☐			☐	☐	☐	☐			
Audit of risk assessment reports and risk management plans			☐	☐					☐				
Safety requirements and procedures for international and unintentional LMO releases	☐	☐	☐	☐					☐				
Tools for monitoring the handling, transport, packaging and use of LMOs	☐	☐	☐	☐	☐				☐				
Compliance requirements under the CPB	☐	☐	☐	☐		☐		☐	☐	☐	☐	☐	☐

TRAINING NEEDS	MAJOR TARGET GROUPS														
(KEY COMPETENCES – KNOWLEDGE AND SKILLS REQUIRED)	Decision makers	Government officials	Scientists & experts	Enforcement officials	Customs officials	Lawyers	Economists	Diplomats/navigators	Researchers & technicians	Carriers & regulators	Students	Inspection groups (Consumer groups, NGOs)	Associations	Media	General public/policymakers
Harmonization of biosafety related sectoral laws/policies including international agreements	☐		☐	☐		☐					☐		☐	☐	
Regulatory training (legal, policy, enforcement, inspection, etc.)	☐	☐	☐	☐	☐	☐									
Preparation and presentation of LMO export or release applications/dossiers			☐			☐			☐						
Review of applications and the accompanying dossiers			☐	☐		☐									
Administrative practices (including handling of requests for LMO imports or releases)		☐						☐							
Decision-making practices, including assessment and integration of socio-economic considerations	☐	☐	☐	☐							☐		☐	☐	

TRAINING NEEDS	MAJOR TARGET GROUPS												
(KEY COMPETENCES – KNOWLEDGE AND SKILLS REQUIRED)	Decision makers	Government jobs	Scientists & experts	Enforcement officials	Customs officials	Lawyers	Economists	Diplomats/managers	Researchers & technicians	Customs & surveillance staff	Institutions (Consumer groups, NGOs, Associations)	Media/press	General public/politicians
Data and information management, including use of the BCH		☞	☞	☞	☞	☞		☞	☞	☞	☞	☞	☞
Risk communication	☞		☞			☞				☞	☞	☞	☞
Establishment of mechanisms for regional and international cooperation and sharing of experiences													
Management of Intellectual Property Rights													
Enabling policies and incentives for technology transfer													
Methodologies & procedures for monitoring effects of LMOs on environment and natural resources (including non-target organisms)			☞	☞					☞	☞			

TRAINING PROGRAMMES

- **SERIES OF WORKSHOPS**
- **NATIONAL EVENTS**
- **INTERNATIONAL EVENTS**
- **WEBSITES**
- **PUBLICATIONS**

PROPOSED TRAINING MODULES

- **PUBLIC AWARENESS ACTIVITIES**
 - ✍ **NATIONAL WORKSHOPS**
 - ✍ **LABORATORY TRAINING**
 - ✍ **UPDATION OF RULES AND GUIDELINES**
 - ✍ **STUDIES AND SURVEYS**
 - ✍ **PUBLICATION/DOCUMENTS/WEBSITES/ VIDEO FILMS**
 - ✍ **INTERNATIONAL CONFERENCES FOR CAPACITY BUILDING REQUIREMENTS**
 - ✍ **STUDY TOURS**
- **DIRECTORY OF RESOURCE PERSONS**
- **COMPENDIUM OF BIOSAFETY TRAINING PROGRAMMES**
- **LONG-TERM TRAINING PROGRAMMES**

Contd../-

SAU WORKSHOPS

- Conducted at eight venues i.e. Ludhiana, Coimbatore, Jorhat, Parbhani, Bhubaneswar, Bangalore, Hyderabad and Junagadh covering all regions in close association with SAUs.
- More than 800 participants attended.
- Major recommendations included need for strengthening testing facilities at state level, extensive awareness for grassroot organisation and farmers through extension programmes, information dissemination

WORKSHOPS FOR SBCC,DLC and IBSCs

- Conducted at six venues viz. Chandigarh, Bhopal, Hyderabad, Pune, Bangalore and Chennai covering 15 states.
- Chaired by Chief Secretary/Environment Secretaries of States.
- Participation by government officials and scientists.
- Major recommendations included technical and operational support to SBCCs, DLCs and IBSCs, regular training programmes, preparation of handbooks etc.

International Conference on the Implications of the Cartagena Protocol on Biosafety

- More than 150 participants from 10 countries
- Recommendations included South-South Cooperation, prioritization of actions, harmonization of national policy framework, extensive information sharing etc.

BCH and PROJECT WEBSITE

- MECHANISMS FOR INFORMATION FLOW TO BCH NEED TO BE STRENGTHENED
- PROJECT WEBSITE COULD BE CONTINUED AS A CAPACITY BUILDING INFORMATION WEBSITE

BIOSAFETY NEWSLETTER

- A NETWORK OF 5000 STAKEHOLDERS HAS BEEN CREATED THROUGH EXTENSIVE TRAINING PROGRAMMES
- BIOSAFETY NEWSLETTER MAY BE CONTINUED AS AN EFFECTIVE MECHANISM FOR INFORMATION SHARING