



REPUBLIC OF ECUADOR  
Consulate General in Montreal



Ministry  
of Foreign Affairs,  
Commerce and Integration

## 1. IDENTIFICATION OF CAPACITY-BUILDING NEEDS

*Needs in relation to capacity-building, capacity development and strengthening of human resources and institutional capacities in order to effectively implement the Protocol*

### Capacity-building

Assessment and inventory of biological resources for information management purposes;

Procedures for technical and legal negotiation of contractual arrangements regarding access and benefit-sharing;

Preparation of *sui generis* regimes for the protection of traditional knowledge associated with genetic resources;

Generation of policies and regulatory frameworks based on national and subregional legislation;

Mechanisms for monitoring, follow-up and assessment;

Assessment, inventory and monitoring of genetic resources and traditional knowledge;

Bioprospecting, screening, DNA sequencing and characterization;

Comprehensive valuation (environmental, cultural, social and economic) of genetic resources and associated traditional knowledge.

Generation of production and related marketing strategies.

### Capacity development and strengthening of human resources

Development of research capacities in priority subjects (for example, clean technologies for both resource extraction and resource processing and industrialization), taxonomy, genetic resources, environmental economics and biosafety;

Development of legislative, administrative and regulatory mechanisms for the protection of genetic resources and associated traditional knowledge;

Development of *sui generis* systems to protect intellectual property rights with approaches based on the perspective of indigenous nations and peoples;

Development of management capacities for clearing-house mechanisms under the Nagoya Protocol;

Development and strengthening of the capacities of indigenous nations and peoples for managing and developing traditional knowledge associated with access to genetic resources;

Development of the capacities of indigenous nations and peoples for managing their own means of information, through their levels of organization;

Development of human talents at all levels and in all areas (both technical and legal) regarding access to genetic resources and benefit-sharing;

Development of audiovisual, multimedia and educational material.



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### *Institutional capacities*

Strengthening of the various government instances involved in decision-making regarding access to genetic resources and benefit-sharing;

Generation of negotiating processes for contractual arrangements regarding access, modalities for benefit-sharing and dispute resolution mechanisms.

## **2. SUBMISSION OF VIEWS**

### ***Modalities of operation of the access and benefit-sharing clearing-house mechanism***

Using the computer protocols designed for the Clearing-House Mechanism (CHM) of the Convention on Biological Diversity and of the Cartagena Protocol;

Ensuring information exchange and harmonization of management with other Conventions/Treaties and international and subregional information initiatives related with the subject.

### ***Measures to assist in capacity-building, capacity development and strengthening of human resources and institutional capacities in developing countries***

Identification of new sources of funding to generate regional projects for capacity-building and capacity development;

Generation of agreements/conventions for proper and timely transfer of technology in a sustained manner;

Sharing of experiences;

Agreements with information networks involving private bodies and related research centers.

### ***Measures to raise awareness of the importance of genetic resources and traditional knowledge associated with genetic resources, and related access and benefit-sharing issues***

Development of audiovisual, multimedia and educational material for different levels and target audiences;

Generation of information campaigns;

Organization of workshops for decision-makers and policy-makers.

### ***Cooperative procedures and institutional mechanisms to promote compliance with the Protocol and to address cases of non-compliance, including procedures and mechanisms to offer advice or assistance***

Generation of Regional Implementation Projects in each country to promote the implementation of the Protocol, including the development within the shortest term possible of Domestic Frameworks for Genetic Resource Access, taking into account the experience gained in the development and implementation of the National Biosafety Frameworks;

Development of national, regional and subregional information management and international information systems, as well as international, national, regional and subregional exchange, linked with the clearing-house mechanism of the Nagoya Protocol;

Information gathering (diagnosis) aimed at identifying specific needs in order to organize regional workshops to respond to such needs.

