



Biodiversity is life



Biodiversity is our life

Technology Transfer and Technological and Scientific Cooperation

There is international consensus that the development, transfer, adaptation and diffusion of technology and the building of related capacity is crucial for achieving sustainable development. This is reflected in key international policy documents such as the Rio Declaration on Environment and Development, Agenda 21, and the Johannesburg Plan of Implementation of the World Summit on Sustainable Development.

Access to, and transfer of, relevant technology is essential for attaining the three objectives of the Convention. Parties are called upon to share information and cooperate in technology development and transfer amongst each other and with the private sector, indigenous and local communities, research institutions and NGOs. All should facilitate access to, and transfer of, eco-friendly technologies that help conserve and sustainably use biodiversity.

Important technologies include techniques for in situ as well as ex situ conservation. Other significant technologies relate to the sustainable management of biodiversity resources. Moreover, many monitoring technologies are essential for getting accurate biodiversity information, which in turn is crucial for the design and implementation of effective policies.

Modern biotechnologies whose development is based on genetic resources are also important. Countries should facilitate access to the results of their research and share the benefits arising from these modern biotechnologies with the countries that provided the genetic resources.

The Convention shows the way to constructive and fruitful partnerships in scientific and technological cooperation through four key elements: technology assessments; strengthening of information systems at national, regional and international levels; establishment of enabling conditions for technological cooperation and technology transfer, both on the providing and on the receiving end; and capacity building. The Convention has developed a strategy for the practical implementation of relevant activities.



Convention on
Biological Diversity

www.cbd.int/tech-transfer



Fast Facts

- ▶ Implementation of this programme of work contributes to reaching the Millennium Development Goals: to ensure environmental sustainability and to eradicate extreme poverty and hunger by 2015
- ▶ The development, transfer, adaptation and diffusion of environmentally-sound technology is essential for achieving sustainable development
- ▶ Technological cooperation and sharing of technology will help reduce the current rate of biodiversity loss
- ▶ Everyone should facilitate access to eco-friendly technologies that help conserve and sustainably use biodiversity.

Learn More

Articles 16, 17, 18 and 19 of the CBD addresses technology transfer and cooperation

Article 12 addresses training and research activities

Article 16 sets out the basic obligation of all Parties regarding access to and transfer of technology and establishes a number of conditions regarding technology transfer

All Articles of the Convention can be accessed at

- ▶ www.cbd.int/convention/convention.shtml

The Rio Declaration on Environment and Development

- ▶ www.unep.org/Documents.Multilingual/Default.asp?documentID=78&articleID=1163

Agenda 21 ▶ www.un.org/esa/dsd/agenda21/res_agenda21_00.shtml

The Johannesburg Plan of Implementation of the World Summit on Sustainable Development (WSSD)

- ▶ www.un.org/esa/sustdev/documents/WSSD_POI_PD/English/WSSD_PlanImpl.pdf

The work of the Ad Hoc Technical Expert Group on Technology Transfer and Scientific and Technological Cooperation

The Strategy for the practical implementation of the CBD programme of work on technology transfer and cooperation

- ▶ www.cbd.int/tech-transfer/ahtegtechnologycooperation.shtml

Secretariat of the Convention on Biological Diversity

413, Saint Jacques Street, suite 800
Montreal, Quebec, H2Y 1N9
Canada

Tel.: +1 514 288 2220
Fax: +1 514 288 6588
iyb2010@cbd.int

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