



Schweizerische Eidgenossenschaft
Confédération suisse
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Swiss Confederation

Federal Department of the Environment,
Transport, Energy and Communications DETEC

Federal Office for the Environment FOEN

Implementation of ABS in Switzerland

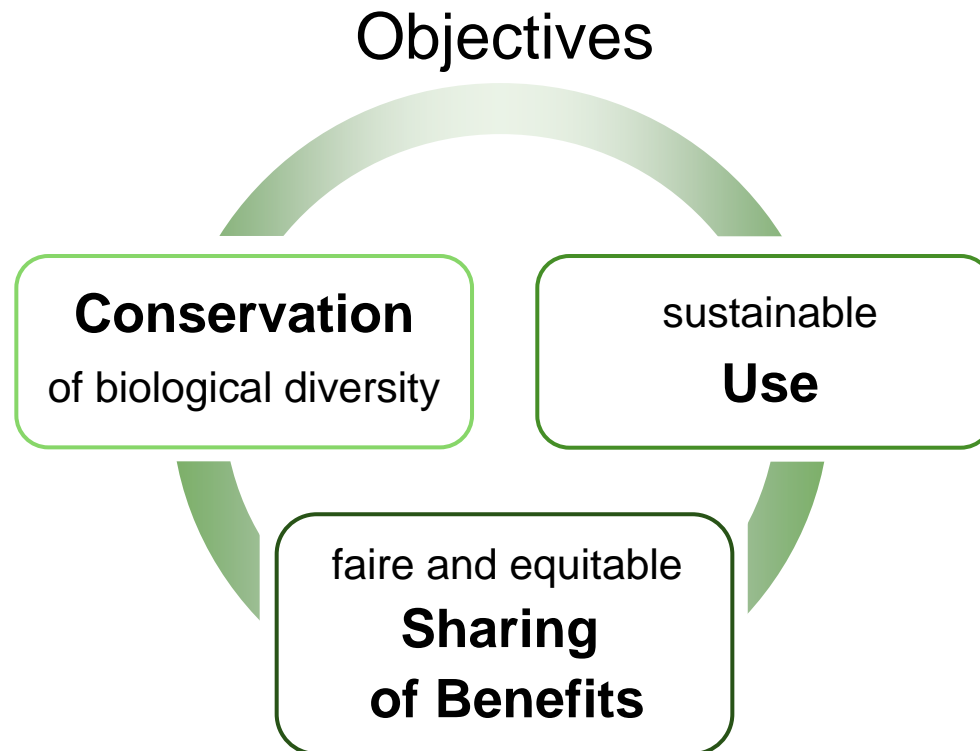
ABS-Good Practices



Federal Office for the Environment FOEN
Marco D'Alessandro



The Convention on Biological Diversity CBD





The distribution of genetic resources

technology

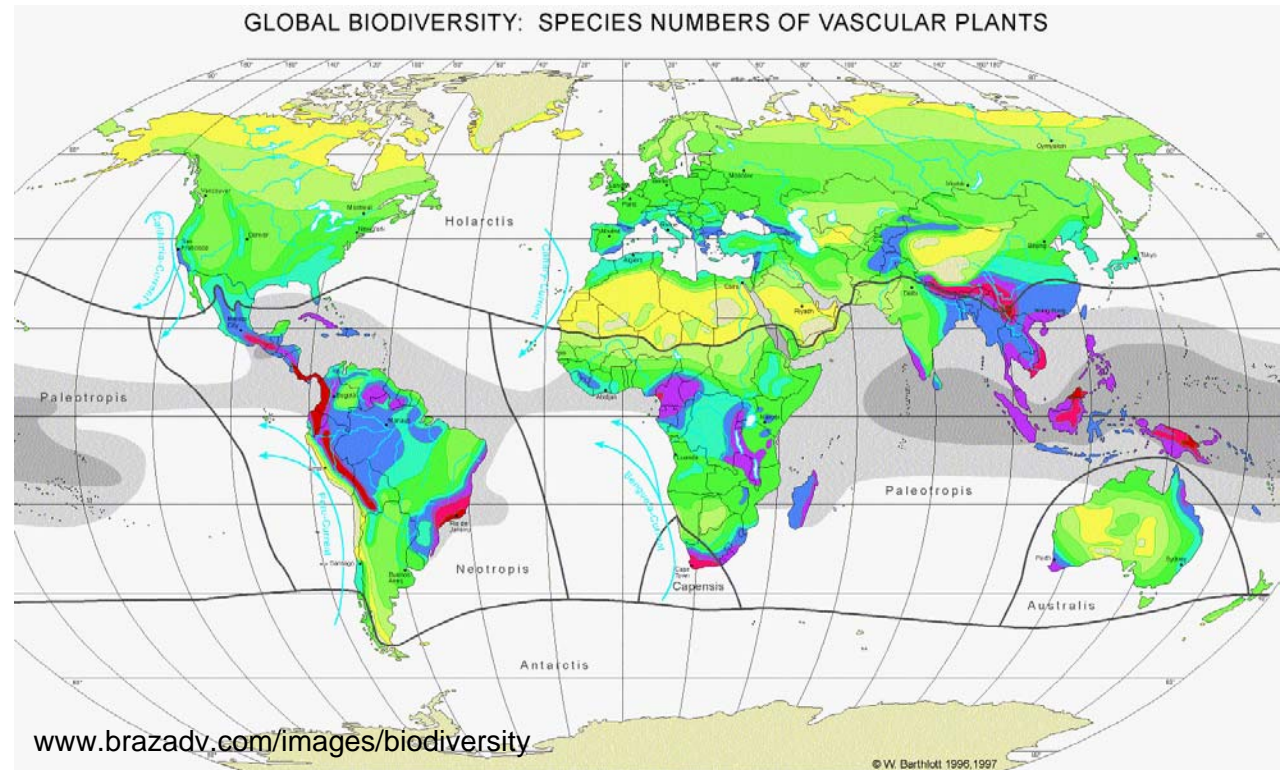
Flow of genetic resources

north

↑

↓

south



biological
diversity



The economic value of genetic resources

The Economics of Ecosystems and Biodiversity – Report for Policymakers 2009

Table 1: Market sectors dependent on genetic resources

Sector	Size of Market	Comment
Pharmaceutical	US\$ 640 bn. (2006)	25-50% derived from genetic resources
Biotechnology	US\$ 70 bn. (2006) from public companies alone	Many products derived from genetic resources (enzymes, microorganisms)
Agricultural Seeds	US\$ 30 bn. (2006)	All derived from genetic resources
Personal Care, Botanical and Food & Beverage Industries	US\$ 22 bn. (2006) for herbal supplements US\$ 12 bn. (2006) for personal care US\$ 31 bn. (2006) for food products	Some products derived from genetic resources. Represents 'natural' component of the market.

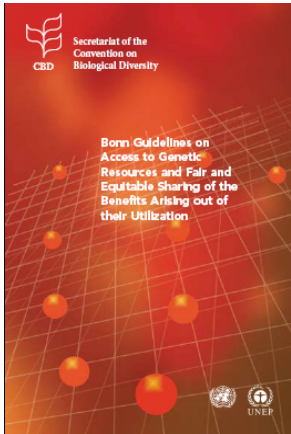
Source: SCBD 2008

In Switzerland:

Swiss Biotech Market: ~ 9 bn. sFr. (Swiss Biotech Report)

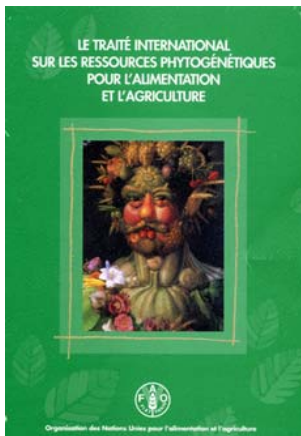


International ABS-instruments



Bonn Guidelines (CBD 2002)

- ❑ Intended as guidelines for domestic implementation of CBD ABS obligations
- ❑ Includes all basic steps in ABS transactions
- ❑ Voluntary



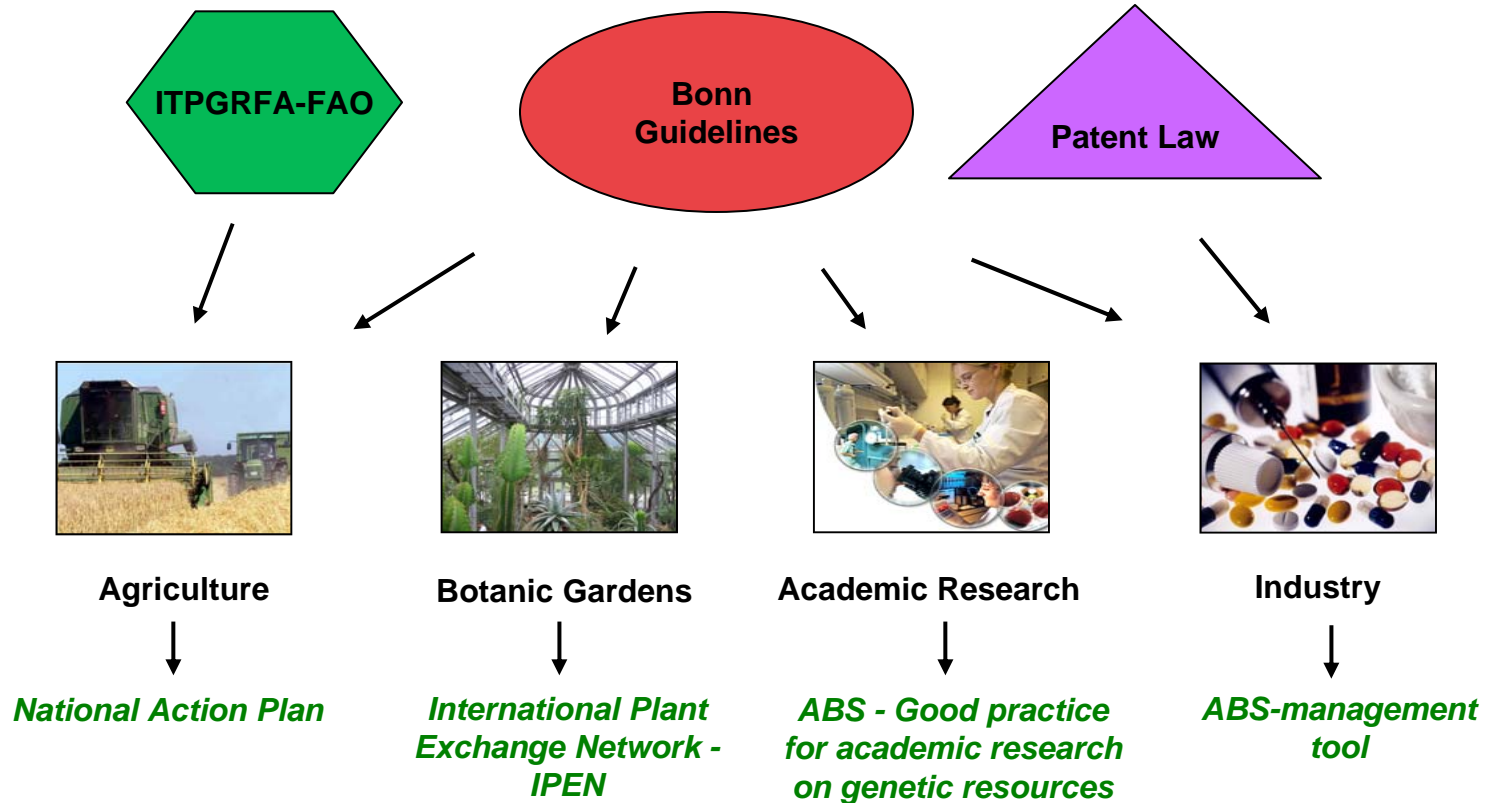
International Treaty on Plant Genetic Resources for Food and Agriculture (FAO 2004)

- ❑ In harmony with the CBD
- ❑ Legally binding
- ❑ Multilateral benefit sharing for 64 food crops and forages listed on Annex I of the Treaty



Sectorial Approach

Existing ABS – Instruments in Switzerland



Involvement of different ministries and stakeholders