

Table 2 - National Biodiversity Targets for 2010 and their relationship to the global targets adopted by the Conference of the Parties to the Convention on Biological Diversity

National Target	National 2010 Biodiversity Targets
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National Biodiversity Policy Component 1 – Knowledge of biodiversity - (GSPC Focal Area A)

Target 1.1	An expanded and accessible list of formally described species of Brazilian plants and vertebrates, and of invertebrates and micro-organisms, these possibly selectively developed, in the form of permanent databases
Target 1.2	National Taxonomy Programme established, aiming at a 50% increase in scientific records with an emphasis on new species descriptions
Target 1.3	Virtual Brazilian Biodiversity Institute created and the expansion of the Biodiversity Research Programme (PPBio) from Amazonia and the Caatinga to the remaining biomes in order to increase availability of information on biodiversity

National Biodiversity Policy Component 2 -- Conservation of biodiversity (Focal areas 1 and 4 of the CDB framework of goals and targets)

Objective 1. Promote the conservation of the biological diversity of ecosystems, habitats and biomes

Target 2.1	At least 30% of the Amazon biome and 10% of the remaining biomes and the coastal and marine zone effectively conserved through protected areas within the National Conservation Area System (SNUC)
Target 2.2	Protection of biodiversity guaranteed in at least 2/3 of the Priority Areas for Biodiversity by means of SNUC Protected Areas, Indigenous Lands, and <i>Quilombola</i> Territories
Target 2.3	Temporary or permanent no-fishing zones, to protect fish stocks and integrated with protected areas, comprising 10% of the marine zone

Objective 2. Promote the conservation of species diversity

Target 2.4	All species officially recognized as threatened with extinction in Brazil the object of action plans and active advisory groups
Target 2.5	100% of threatened species effectively conserved in protected areas
Target 2.6	25% reduction in the annual rate of increase of threatened species of fauna on the National List and De-listing of 25% of species currently on the National List
Target 2.7	A preliminary national-level assessment of the conservation status of all known plant and vertebrate species and a selective assessment of invertebrates
Target 2.8	60% of threatened plant species conserved in <i>ex situ</i> collections and 10% of threatened plant species included in recovery and restoration programmes
Target 2.9	60% of migratory species are the object of action plans and 30% of these have conservation programmes implemented

Objective 3. Promote the conservation of genetic diversity

Target 2.10	70% of the genetic diversity of socio-economically valuable cultivated or exploited wild plant species and associated indigenous and local knowledge maintained
Target 2.11	50% of priority species under the Plants for the Future Project conserved <i>in situ</i> and on-farm
Target 2.12	60% of the genetic diversity of Brazilian wild relatives of cultivated plant species of the ten priority genera effectively conserved <i>in situ</i> and/or <i>ex situ</i>

Objective 8. Maintain the capacity of ecosystems to deliver goods and services and support livelihoods

Target 2.13	Capacity of ecosystems within Priority Areas for Biodiversity to deliver goods and services maintained or increased
Target 2.14	Significant increase in actions to support <i>on-farm</i> conservation of the components of agro-biodiversity that ensure maintenance of sustainable livelihoods, local food security and health care, especially for local communities and indigenous peoples.

National Biodiversity Policy Component 3 – Sustainable use of the components of biodiversity (CBD focal area 2)

Objective 4. Promote sustainable use and consumption

Target 3.1	30% of non-timber plant products obtained from sustainably managed sources
Target 3.2	Recovery of at least 30% of main fish stocks through participative management and capture control
Target 3.3	40% of the area in Amazonia under forest management plans certified
Target 3.4	80% of Extractive Reserves and Sustainable Development Reserves benefit from sustainable management of fauna and flora species important for food or economically, with management plans prepared and implemented
Target 3.5	80% reduction in unsustainable consumption of fauna and flora resources in sustainable development protected areas
Target 3.6	No species of wild fauna or flora endangered by international trade in accordance with CITES provisions
Target 3.7	Significant reduction in illegal trade in fauna and flora species within Brazil
Target 3.8	80% increase in innovation and added value for new biodiversity-based products
Target 3.9	80% increase in new sustainable uses of biodiversity in medicine and foods leading to marketable products
Target 3.10	Significant increase in detection, control and repression of bio-piracy
Target 3.11	Significant increase of investment in studies, projects and research on sustainable use of biodiversity
Target 3.12	80% increase in the number of patents deriving from components of biodiversity
Target 3.13	Support of the Commission for Coordination of Ecological and Economic Zoning for the preparation and conclusion of ecological and economic zoning plans for at least 50% of Brazilian states

National Biodiversity Policy Component 4 – Monitoring, assessment, prevention and mitigation of impacts on biodiversity (CBD focal area 3)

Objective 5. Reduce pressures leading to loss of biodiversity, changes of use and land degradation and unsustainable use of waters

Target 4.1	100% reduction in the rate of deforestation in the Atlantic Forest biome, 75% in the Amazonian biome and 50% in remaining biomes
Target 4.2	Overall reduction of 25% in the number of fires (heat spots) in each biome
Target 4.3	Creation and consolidation of a systematic and standardized nation-wide biodiversity monitoring network

Objective 6. Control threats from alien invasive species

Target 4.4	Action plans for prevention and control prepared for all species listed under the National Assessment of Alien Invasive Species
Target 4.5	Management plans implemented for the control of at least 25 of the principal invasive exotic species that threaten ecosystems, habitats or species in Brazil

Objective 7. Address threats to biodiversity from climate change and pollution

Target 4.6 Target 4.7	50% of sources of water and soil pollution and their impacts on biodiversity controlled Support to bio-geographic studies to include the predictability of species occurrence associated with potential climate changes using Geographic Information Systems
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National Biodiversity Policy Component 5 – Access to genetic resources, associated traditional knowledge and benefit sharing (CBD focal areas 5 and 6)

Objective 9. Maintain the socio-cultural diversity of indigenous and local communities

Target 5.1	All public policies relevant to traditional knowledge implemented in accordance with Article 8(j) of the CBD
Target 5.2	Knowledge, innovations and practices of indigenous peoples and traditional communities protected
Target 5.3	100% of scientific and general publications deriving from access to traditional knowledge identify the origin of the traditional knowledge
Target 5.4	100% of cases of access to traditional knowledge include prior informed consent, obligatory sharing of knowledge generated and sharing of benefits

Objective 10. Ensure the fair and equitable sharing of the benefits deriving from the utilization of genetic resources

Target 5.5	Access and benefit sharing legislation, consistent with the CBD, approved by the National Congress and implemented and 100% of access and shipment activities conform to national legislation
Target 5.6	Benefits resulting from commercial utilization of genetic resources effectively shared fairly and equitably in support of biodiversity conservation
Target 5.7	100% of applications for patents on inventions of products or processes deriving from access to genetic resources and associated traditional knowledge include identification of origin and proof of authorized access
Target 5.8	Sharing of benefits in accordance with the International Treaty on Plant Genetic Resources for Food and Agriculture implemented in Brazil

National Biodiversity Policy Component 6 – Education, public awareness, information and outreach on biodiversity (GSPC focal area D)

Target 6.1	Inclusion of the importance of biological diversity and the need for its conservation, sustainable use and benefit sharing in communication, education and public awareness programmes
Target 6.2	Increased access to high quality information on conservation, sustainable use and sharing of benefits of biodiversity
Target 6.3	Establishment and strengthening of action networks for the conservation, sustainable use and sharing of benefits of biodiversity

National Biodiversity Policy Component 7 – Increased legal and institutional capacity for biodiversity management (CBD focal area 7)

Objective 11. Parties have improved financial, human, scientific, technical and technological capacity to implement the Convention

Target 7.1	New and additional financial resources, from public and private, domestic and international sources obtained and available for use in Brazil making possible the effective implementation of its commitments to the CBD programmes of work, in accordance with Article 20
Target 7.2	Implementation of initiatives that promote the transfer to Brazil of environmentally sustainable technologies developed in other countries for the effective implementation of the CBD programmes of work, in accordance with Article 20, paragraph 4 and Article 16
Target 7.3	Promotion of the exchange and transfer of environmentally sustainable technologies between developing countries for the effective implementation of the CBD programmes of work, in accordance with Article 20, paragraph 4 and Article 16