







National Commission for the Knowledge and Use of Biodiversity (CONABIO)

General information





Institution	CONABIO
Legal name	National Commission for the Knowledge and Use of Biodiversity
Foundation year	1992
Name of the Director General or Head of the institution	Dr. José Sarukhán Kermez, Coordinador Nacional.
Brief description of the Scientific Mission of your institution	Promote, coordinate, support and carry out activities aimed at the knowledge of biological diversity, its conservation and sustainable use for the well-being of society.
Brief description of the vision of your institution	CONABIO was conceived as an organization of applied research, promoting basic research, which compiles and generates information on biodiversity. It develops human capacities in biodiversity informatics and is a public source of information and knowledge for all society sectors. It is an institution that generates intelligence on our natural capital; it serves as a bridge between academia, government and society; it promotes that conservation and management of biodiversity are based on actions undertaken by the local population, which should be a central actor in this process.
Main objectives or lines of action	Coordinate actions and studies related to the knowledge and conservation of biological species, and to promote and encourage scientific research activities for exploration, study, protection and use of natural resources aimed at conserving the country's ecosystems and generate criteria for their sustainable management.
Biodiversity related objectives	See main objectives.

CONABIO's contribution to the Strategic Plan for Biodiversity 2011-2020 and the Aichi Targets



Objective / Aichi Target		Yes	Partially	No	NA	Main actions performed (for 2011-2016):
A	1					<p>Does your institution develop actions aimed to strengthen awareness, concern and knowledge about biodiversity?</p> <p>Website, publications, events, exhibitions, broadcast media, videos, photography and citizen science. Some examples:</p> <ul style="list-style-type: none"> • http://www.biodiversidad.gob.mx/menusu/p/difusion.html • http://www.biodiversidad.gob.mx/especies/especies.html • http://www.paismaravillas.mx/index.html • www.naturalista.mx • http://www.enciclovida.mx/
	2					<p>Do some of the activities that your institution carries out contribute to the valuation of biodiversity and ecosystem services, contributing to achieve poverty reduction and sustainable development?</p> <ul style="list-style-type: none"> • Natural Capital of Mexico <ul style="list-style-type: none"> ○ http://www.biodiversidad.gob.mx/pais/capitalNatMex.html • National Biodiversity Strategy and Action Plan (ENBioMex) • State Biodiversity Strategies • Biodiversitas 2013 <ul style="list-style-type: none"> ○ http://www.biodiversidad.gob.mx/pais/pdf/AccionesEstrategicas_web.pdf • Risk analysis by the introduction of GMOs into the environment • Project "Origin and genetic diversity centers" • Global Project of native maize • Agrobiodiversity valorization • Adoption of environmentally-friendly practices defined for each production system in which influences the project (coffee, cocoa, honey, silvopastoral livestock, wildlife, forestry and ecotourism), seeking to maintain and restore ecosystem services: <ul style="list-style-type: none"> • https://drive.google.com/file/d/0B7Wh_3FcpjBT3pQQ0FQYk1WeTQ/view?pref=2&pli=1

Objective / Aichi Target		Yes	Partially	No	NA	Main actions performed (for 2011-2016):
3	 <i>Incentives</i>	Does your institution develop actions aimed at countering the effects of harmful incentives for biodiversity or promote the application of incentives with positive effects on biodiversity?				<ul style="list-style-type: none"> • Producer of technical / scientific information showing the impacts of incentives • Project on Sustainable Production Territories (TPS) • Mesoamerican Biological Corridor (CBM) • Technical opinions for sustainable use of biodiversity. • Agrobiodiversity Project • Knowledge generation for development land use planning, and biodiversity strategies for conservation and sustainable use. • Natural Capital of Mexico • National Biodiversity Strategy and Action Plan • State biodiversity assessment and strategies
	X					
4	 <i>Sustainable Production</i>	Has your institution developed and/or promoted scientific knowledge and/or technology innovation that promote sustainable production and/or consumption (including within your institution)?				<ul style="list-style-type: none"> • Mesoamerican Biological Corridor (honey, coffee, cocoa, gum) • Certification of sustainable products (agaves, copal) • Crocodiles and CITES species • Traditional cooking • In CONABIO facilities: coffee, toilet paper, motion sensors for light in corridors
	X					
5	 <i>Habitat loss</i>	Has your institution carried out actions that contribute to a decrease in the rate of loss of natural habitats?				<ul style="list-style-type: none"> • Generating Information and monitoring (hot spots, changes in land use, mangroves, biological corridors)
	X					
B 6	 <i>Sustainable management of fishes and invertebrates</i>	Has your institution developed or implemented scientific knowledge and/or technology and innovation to promote the sustainable extraction and recovery of species of fish, invertebrates and aquatic plants, or that have contributed to reduce illegal fishing or incidental catch?				<ul style="list-style-type: none"> • CITES species
	X					
7		Does your institution promote and contribute to the sustainable management of				





Objective / Aichi Target		Yes	Partially	No	NA	Main actions performed (for 2011-2016):
	 Sustainable primary sector	X				agricultural land, and/or farming of aquatic organisms, and/or forests? <ul style="list-style-type: none"> • Risk analysis by the introduction of GMOs into the environment • Project “Origin and genetic diversity centers” • Global Project of native maize • Agrobiodiversity valorization • Project for the adoption of environmentally-friendly practices defined for each production system in which the project impacts (coffee, cocoa, honey, silvopastoral livestock, wildlife, forestry and ecotourism), seeking to maintain and restore ecosystem services: https://drive.google.com/file/d/0B7Wh_3FcpjBT3pQQ0FQYk1WeTQ/view?pref=2&pli=1 • Monitoring of mangroves • Generating Information and monitoring (Geomatics) to improve the National Forest Inventory (wildfires, land cover, land use change and biological corridors).
8	 Pollution reduction				X	Does your institution carry out actions to control, monitor and/or improve water pollution, and/or ocean and coast pollution, and/or soil pollution, and/or solid waste pollution, and/or air pollution? These activities are not part of CONABIO’s responsibilities, it has conducted the following actions: <ul style="list-style-type: none"> • In 2010 CONABIO supported to clean the oil spill in the Gulf of Mexico • Final report of the consultancy “Laboratory analysis of soil samples obtained in different plots of biological corridors in the region of Grijalva-Usumacinta river Basin”
9	 Invasive species	X				Does your institution develop actions aimed at the identification, prevention, control and eradication of exotic invasive species? <ul style="list-style-type: none"> • National Strategy on Invasive Alien Species in Mexico http://www.biodiversidad.gob.mx/especies/Invasoras/estrategia.html • Technical opinions on species trade.
10	 Pressures on vulnerable ecosystems	X				Does your institution develop scientific knowledge and/or technology and innovation to reduce the anthropogenic pressure factors and maintain integrity and functioning of coral reefs and/or other ecosystems vulnerable to climate change? <ul style="list-style-type: none"> • Reef systems and marine monitoring http://www.biodiversidad.gob.mx/pais/mar/es/datacoral/index.html






Objective / Aichi Target			Yes	Partially	No	NA	Main actions performed (for 2011-2016):
							<ul style="list-style-type: none"> • Generation of technical and scientific information. • Generation of National and Subnational biodiversity assessments • Generation of National and Subnational Biodiversity Strategies and other National Reports • National Strategy on Invasive Alien Species • Monitoring • Mesoamerican Biological Corridor
C	11	 Protected Areas	X				<p>Does your institution develop scientific knowledge and/or technology and innovation that promote or contribute the efficient management, representativeness, connectivity and integration landscape of protected areas (terrestrial, and/or marine and coastal) or the creation/incorporation of new public, private or community conservation areas?</p> <ul style="list-style-type: none"> • Mesoamerican Biological Corridor (CBM) http://www.biodiversidad.gob.mx/corredor/cbmm/conectividad.html • Mangroves and coral reefs monitoring • Generation of technical and scientific information to perform Protected Natural Areas (ANPs) (Gap Analysis) • AGREEMENT on the definition/determination of origin centers and genetic diversity centers of maize. http://www.biodiversidad.gob.mx/genes/proyectoMaices.html http://dof.gob.mx/nota_detalle_popup.php?codigo=5276453 • Subproject "Charcoal and other derivatives by the acahual management" with the Producers' Association of Charcoal and Biodiversity of Calakmul Union, which promotes the establishment of voluntary conservation areas and use of acahuales. https://drive.google.com/open?id=0B7Wh_3FcpijBbDhjX3BRbk5mZFU • Reports on workshops of voluntary conservation areas.
	12	 Threatened Species					<p>Does your institution develop scientific knowledge and/or technology and innovation to promote and contribute to the effective protection of threatened species?</p> <ul style="list-style-type: none"> • Project of Priority species for conservation in Mexico. • Project of Threatened species conservation (PROCER) • Priority species list, ACCITES http://www.biodiversidad.gob.mx/especies





Objective / Aichi Target		Yes	Partially	No	NA	Main actions performed (for 2011-2016):
						/espPrioritaria.html
	 Genetic diversity	X				<p>Does your organization develop scientific knowledge and/or technology and innovation aimed to maintain native genetic diversity and the wild relatives of cultivated plant species and/or livestock and domesticated animals?</p> <ul style="list-style-type: none"> • Origin and genetic diversity centers http://www.biodiversidad.gob.mx/genes/centrosOrigen/centrosOrig.html • Project on Origin and genetic diversity centers http://www.biodiversidad.gob.mx/genes/centrosOrigen/proyectosCdeO.html • Global Project of native maize http://www.biodiversidad.gob.mx/genes/proyectoMaices.html • Genetic diversity and conservation of cotton http://www.biodiversidad.gob.mx/genes/divGenAlgodon.html • Risk analysis by the introduction of GMOs into the environment • PIF of GEF project: Securing the Future of Global Agriculture in the Face of Climate Change by Conserving the Genetic Diversity of the Traditional Agro-ecosystems of Mexico https://www.thegef.org/gef/project_detail?projID=9380 • Incipiently CONABIO is learning about the possible effects of GM fish release into the environment of Mexico.
D	 Restoration	X				<p>Has your institution developed scientific knowledge and/or technology and innovation for the restoration and recovery of ecosystem services taking into consideration the needs of women, indigenous and local communities and the poor and vulnerable?</p> <ul style="list-style-type: none"> • ENBioMex – It is the first NBSAP with gender perspective and that included the participation of all productive sectors and sectors of society. • Sustainable Productive Systems and Biodiversity Project (PSPSB), which proposes the adoption of biodiversity friendly practices and the creation of social safeguards that include actions to ensure the participation of indigenous peoples as a part of supported producers' associations. • PSPSB proposes the participation and active visibilization of the work done by women, thus fulfilling social safeguards. For this aim,




Objective / Aichi Target			Yes	Partially	No	NA	Main actions performed (for 2011-2016):	
							<p>a Plan for Indigenous Peoples was established, including as one of its action lines “Strengthening actions for the women and youth integration within the Project”.</p> <ul style="list-style-type: none"> • Social assessment of the project: http://documents.worldbank.org/curated/en/359711468276381172/pdf/IPP5630MX0sustainable0production.pdf • Social safeguards of the project: http://siteresources.worldbank.org/OPSMA/NUAL/Resources/210384-1170795590012/OP4.10.July1.2005.Spanish.pdf • An example of Indigenous Peoples Plan developed to implement and fulfil social safeguards: https://drive.google.com/open?id=0B7Wh3FcpijBczRHOVIzZmRwV28 	
15	 Resilience	Has your institution developed scientific, technical and/or technological actions of ecological restoration and rehabilitation? How many actions since 2011 and is the approximate restored area of degraded ecosystems within the framework of these actions?						
				X			List of actions: Restored area:	
16	 Nagoya Protocol	Have you heard of the Nagoya Protocol, and has your institution developed scientific, technical and/or technological actions linked to it?						
		X					<ul style="list-style-type: none"> • CONABIO was the National Focal Point for the Ad Hoc Intergovernmental Committee for the Nagoya Protocol, until its first meeting in October 2014. • Currently, the GIZ-ABS Project on fair and equitable sharing of benefits arising from the utilization and management to the biological diversity is carried out, which seeks to encourage key stakeholders (government agencies, academia, indigenous and local communities, civil society and private sector) to apply rules and guidelines for the fair and equitable sharing of benefits arising from the use and management of biodiversity. 	
E 17	 NBSAP update	Has your institution collaborated in the elaboration and/or implementation of the National Biodiversity Strategy of its country, or any other biodiversity strategy at a sub-national level or equivalent?						
		X					<ul style="list-style-type: none"> • ENBioMex • Updated ENBioMex • Biodiversity Assessments and Strategies 	



Objective / Aichi Target		Yes	Partially	No	NA	Main actions performed (for 2011-2016):
18	 <i>Traditional Knowledge</i>	Does your institution integrate traditional knowledge, innovations and practices of indigenous and local communities relevant for the conservation and sustainable use of biodiversity?				<ul style="list-style-type: none"> Promotion of traditional knowledge and sustainable use in food, handicrafts, medicine, etc. http://www.biodiversidad.gob.mx/usuarios/notrad.html http://www.biodiversidad.gob.mx/pais/rigu_ezacul.html Prevention or mitigation of potential adverse impacts on indigenous peoples resulting from project activities. An example of Indigenous Peoples Plan developed to implement social safeguards: https://drive.google.com/open?id=0B7Wh_3FcpijBczRHOVIIZmRwV28 The Sustainable Productive Systems and Biodiversity Project (PSPSB), promotes the adoption of biodiversity friendly practices in 27 producers' associations, of which 24 integrate indigenous peoples. Plans of biodiversity friendly business of producers' associations: <ol style="list-style-type: none"> Muuch Meyah Kabnaloob Unión de Cooperativas de R.L. de C.V. https://drive.google.com/open?id=0B7Wh_3FcpijBSDNOMHJiSUZPX3c Alianza Selva Maya de Quintana Roo U.E. https://drive.google.com/open?id=0B7Wh_3FcpijBUDhoc2h6LUFJTFE Comercializadora Agropecuaria del Estado de Oaxaca, S.A. de C.V. https://drive.google.com/open?id=0B7Wh_3FcpijBVE14YmdqeldaY0U
	X					
19	 <i>Knowledge, science and technology</i>	Does your institution generate scientific, technical and/or technological information on biodiversity? How does your institution consider that the availability of useful information on biodiversity (assessment, monitoring, inventories, studies, etc.) is in your country?				Examples of information generated in conservation, values, functioning, status, trends, impacts of loss, sustainable use or others. http://www.biodiversidad.gob.mx/
	Yes	Partially	No	NA		
X						



Objective / Aichi Target			Yes	Partially	No	NA	Main actions performed (for 2011-2016):	
			Sufficient	Limited	Scarce		Indicate relevant gaps of information and information available and its sources.	
			X					
	20	 Funding	What is the approximate percentage of your institution's annual budget destined for the implementation of scientific, technical and/or technological actions aimed for the conservation and sustainable use of biodiversity and ecosystem services and does your institution have fundraising strategies for this purpose?					90% <ul style="list-style-type: none"> • http://www.biodiversidad.gob.mx/SPSB/ • http://governanzabiodiversidad.mx/ • Major international donors: GIZ, AFD, AECID, JICA • SFNA-SEMARNAT (national) • CONACYT (national) • GEF (International) • TEEB (International)
			X					