



THE GOVERNMENT OF BRUNEI DARUSSALAM

**THE 6TH NATIONAL REPORT FOR THE
CONVENTION OF BIOLOGICAL DIVERSITY
BRUNEI DARUSASALAM**

Prepared by:



**Forestry Department
Ministry of Primary Resources and Tourism
Bandar Seri Begawan
Brunei Darussalam**

Introduction

This report represents Brunei Darussalam's Sixth National Report to the Convention on Biological Diversity in accordance with Article 26 of the Convention and decision X/10 of the Conference of Parties. This document will provide key information on Brunei biodiversity including national strategic actions and programs for biodiversity conservation.

This national report is composed of three major parts, as follows:

- Section I. Information on the targets being pursued at the national level
- Section II. Implementation measures taken, assessment of their effectiveness, associated obstacles and scientific and technical needs to achieve national targets
- Section III. Assessment of progress towards each national target

In preparing the 6th National Report, the Forestry Department as the national technical focal point for the CBD, reviewed and assessed the several programs addressing Brunei Darussalam's commitment to the Convention. Consultations were conducted with concerned Government agencies to assess compliance to the national targets.

Brunei Country Overview

Brunei Darussalam is a small Islamic Sultanate located on the northwest coast of Borneo Island. It has a total land area of 576,532 hectares covering an anomalous shape of two enclaves of which each enclave is surrounded on land by Sarawak, Malaysia. The country has a 161-kilometer coastline bordering the South China Sea and consists of high-profile sandy beaches with a complex estuarine mangrove and mud-flat zone in the northeast. The western enclave is characterized by hilly lowland with fast emerging infrastructure developments that contains most of the country's population. The thinly populated eastern enclave is composed generally of dense forests and is hillier.

The country enjoys a distinct tropical climate with year-round high rainfall, high temperatures, and high humidity. Climatic changes are influenced by monsoon winds of which northeast monsoon can be observed during the months of December to March while southeast monsoon occurs from June to October.

Brunei Darussalam enjoys a stable economy with a mixture of foreign and domestic entrepreneurship, government regulation, welfare measures, and village tradition. Crude oil and natural gas production is the main natural resources and accounts for about 90% of the country's gross domestic products.

The country is governed by the constitution and the national tradition of the Malay Islamic Monarchy, the concept of *Melayu Islam Beraja* (MIB). The three components of MIB cover Malay culture, Islamic religion, and the political framework under the monarchy. It has a legal system based on English common law as superseded by the Islamic Shariah Law in some aspects.

Biodiversity Legal, Policy Framework and Governance

The legislation of the Forest Act in 1934 was among the milestones in forestry and biodiversity management. The law was based on British legal concept and form and largely patterned from the forest laws and regulations of the Federated Malay States. Initially, the Act provided the basic law for administration of the forests, reservation of forest lands, harvesting of forest produce, grant of customary gratuitous rights to forest-dependent inhabitants, stipulating

penalties for violations and prescribing forest royalties. The Forest Act officially became Chapter 46 of the Laws of Brunei. In response to the challenges and opportunities in the forestry sector, the law was amended in 2007 and gave emphasis on the importance of biological diversity conservation, biological prospecting, access and benefit sharing, enforcement and forest protection.

The implementation of the National Forest Policy in 1989 provided the basic planning and management principles and guidelines for the country's forest resources. The Policy was embedded into a Forestry Strategic Plan that leads to the consolidation of the country's protected area system as well as sustainable use of forest for production purposes.

The Wildlife Protection Act of 1978 (Revised 1984) provided for the protection of the country's wildlife and the establishment of wildlife sanctuaries. It strengthened the regulatory power of the government to control, apprehend and prosecute illegal wildlife gatherings. In view of recent developments on wildlife monitoring and control, the Ministry of Industry and Primary Resources intends to review and amend the Act to be more effective and responsive to current situation.

The Wild Fauna and Flora Order of 2007 serve as the national legislation for the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) for the protection of the country's wildlife, particularly endangered species. The Order provided the administrative structures and mandate of concerned government agencies in the implementation of CITES regulations, terms and condition.

The Fisheries Order 2009 that repealed the Fisheries Act (Chapter 61) is one of the key policies that govern the protection and management of the marine biodiversity in Brunei Darussalam. One of the provisions of the Fisheries Order is the establishment and management of the marine reserves and marine parks. This provision catalyzed the establishment of the Marine Protected Area Network in 2012 as one of the key measures to protect and conserve the biodiversity of the fragile coral reef habitat and its marine plants and animals including corals, fishes, mollusks, crustaceans and echinoderms.

The Department of Fisheries (DoF) under the Ministry of Industry and Primary Resources (MIPR) is responsible for the execution of Fisheries Order 2009 that gave mandate to manage and administer the fishery resources and fishing activities in Brunei's coastal areas and exclusive economic zone. The Fisheries Order 2009 came into force in 2009. Complementing the Order are subsidiary legislations which were enacted under the Fisheries Act and has remained in force. This includes all the fisheries regulations that directly or indirectly intended to protect marine biodiversity such as the MPA, mesh size regulations, fishing zonation and fishing moratoriums. Other policy measures that affect marine biodiversity include the establishment of the NPOA IUU, to implement responsible fishing practices. Another measure to protect endangered species is the ban on the sales and catching of sharks and other endangered species such as the Napoleon wrasse

The Brunei Darussalam Long Term development Plan – Wawasan 2035, among others, also highlighted the continuing efforts to conserve the country's remarkable biodiversity, rain forests and natural habitat as an environmental strategy. Specifically, the plan stressed the development of forest resources, conservation and protection of the natural forest and environment and the development of ecological tourism industry as the main focus of the forestry sector.

Brunei Darussalam accession to the Convention of Biological Diversity (CBD) on 27 July 2008 provides the country an international conservation platform. It further strengthens the ongoing conservation efforts and strategies on sustainable uses of biological and natural resources in accordance with national and international standards and obligation.

Overview of Brunei Biodiversity

Brunei Darussalam has a diverse ecosystem and is considered among the countries with high forest cover. The natural vegetation of the country is tropical evergreen rain forests. The Global Forest Resource Assessment 2010 has estimated Brunei forest cover to be around 75% and composed primarily of old growth forests. The country has seven distinguishable forest types: mangrove forests, beach-type forests, freshwater swamp forests, peat swamp forests, 'kerangas' forests, mixed-dipterocarp forests and montane forests. The landscapes of these forests are very evident based on their floral composition, forest formations, soil conditions and micro-environment.

The national forest reserves constitute 41% of the country's total land area and are protected by law. The forest structures and composition of these forests remains intact and represent national importance in terms of biological composition, unique landscape, forest production areas, forest recreation areas and other special uses. The Forest Act categorized the country's forests into five functional classifications, as follows: protection, production, recreation, conservation and national park.

Despite the country's limited land area, the National Herbarium has recorded 162 families of Angiosperm and Gymnosperm including 918 genera and 3,621 species in the country. Faunal diversity in the country is composed of 121 mammal species, 474 bird species, 182 amphibians and reptiles and 500 species of marine fish and invertebrates.

The country is also blessed with rich marine biodiversity with various marine flora and fauna in its diverse marine ecosystem. The coastal waters of Brunei are punctuated by a series of shallow shoals and patch reefs that provide habitat for corals, a wealth of fishes, and a myriad of reef dwelling invertebrates including corals, fishes, molluscs, crustaceans and echinoderms.

The rich marine biodiversity of Brunei waters is found in the limited marine area covering rectangular strip of about 41,188 square kilometers from the coast to the far end of the 200 nm Exclusive Economic Zone (EEZ). The coastline stretched of Brunei is about 161 km.

Section I. Information on the targets being pursued at the national level

If your country has set and/or adopted national targets or equivalent commitments related to the Strategic Plan for Biodiversity 2011-2020 please use the following template to describe them. Please complete this template for each of your country's national targets. National targets entered in this section will be linked to section III so that progress in their implementation can be assessed. If your country has not set or adopted any national targets related to the Strategic Plan for Biodiversity 2011-2020 please indicate so in the first box and move to section II.

I. Information on the targets being pursued at the national level

My country has adopted national biodiversity targets or equivalent commitments in line with the Strategic Plan for Biodiversity 2011-2020 and the Aichi Targets

or

My country has not adopted national biodiversity targets and is reporting progress using the Aichi Biodiversity Targets for reference. (Move to section II. In section III, the Aichi Biodiversity Targets should be used for the purpose of this report as the national targets and progress should be assessed towards their achievement in the national context.)

National Target (Please use the official title, if available)

<Text entry>

Rationale for the national target

<Text entry>

Level of application (Please specify the level to which the target applies):

- Regional/multilateral – please indicate area concerned <Text entry>
 National/federal
 Subnational – please indicate area concerned <Text entry>

Relevance of the national targets to the Aichi Biodiversity Targets (Links between national targets and Aichi Biodiversity Targets.)

Main related Aichi Biodiversity Targets (Please select one or more Aichi Biodiversity Target to which the national target is wholly or partially related. Parties can select an entire target or a target component (not shown below))

1 6 11 16
 2 7 12 17
 3 8 13 18
 4 9 14 19
 5 10 15 20

Other related Aichi Biodiversity Targets (Please select one or more Aichi Biodiversity Target to which the national target is indirectly related.)

1 6 11 16
 2 7 12 17
 3 8 13 18
 4 9 14 19
 5 10 15 20

or

National target has no corresponding Aichi Biodiversity Target or relates to other parts of the Strategic Plan for Biodiversity – please explain

<Text entry>

Other relevant information (Please use this field to provide any other relevant information, such as the process of developing and adopting the national target, the stakeholders involved or the strategies and plans in which this national target has been included.)

<Text entry>

Relevant websites, web links, and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this national target can be found.)

<Add link> <Add file>

Section II. Implementation measures taken, assessment of their effectiveness, associated obstacles and scientific and technical needs to achieve national targets

Using the template below, please report on the major measures your country has taken to implement its national biodiversity strategy and action plan. Please also provide an assessment of the effectiveness of these measures. The template should be replicated for each measure reported.

II. Implementation measures taken, assessment of their effectiveness, associated obstacles and scientific and technical needs to achieve national targets

National Strategy No. 1 - To improve the scientific knowledge base

Activities:

- Field expedition; flora and fauna identification to update existing biodiversity information and database
- Joint cooperation and collaborations between the government and international research institutions

- Establishment of Tropical Biodiversity Centre (TBC) to facilitate the conduct of researches and innovation in support to biodiversity conservation and management

For the implementation measure, please indicate to which national or Aichi Biodiversity Target(s) it contributes

Aichi Biodiversity Target No. 19:

By 2020, knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved, widely shared and transferred and applied.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes:

- Measure taken has been effective
 Measure taken has been partially effective
 Measure taken has been ineffective
 Unknown

Please explain the selection and where possible indicate the tools or methodology used for the assessment of effectiveness above

The strategy has been effective and leads to the following accomplishments:

- Publication of a book on *“Rainforest Plants and Flowers of Brunei Darussalam”* in 2015 through a collaborative program between Brunei Darussalam and National Park Board of Singapore, documenting the Brunei flora.
- Continuous jointly organized fieldwork for collection of botanical specimens and identification of new animal species between the government and research institution such as the Institute for Biodiversity and Environmental Research (IBER), Universiti Brunei Darussalam are conducted to support the documentation of Brunei Darussalam’s flora and fauna.
- Under Heart of Borneo Initiatives, several research projects have been carried out in collaboration with national and international institutions such as Singapore-MIT Alliance Research and Institutions (SMART), National Institute of Technology Evaluation (NITE), Japan and Wetland International (WI).

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found).

<Add link> <Add file>

Other relevant information, including case studies to illustrate how the measure taken has resulted in (or is expected to result in) outcomes that contribute to the implementation of the NBSAP

<Text entry>

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information can be found)

<Add link> <Add file>

Obstacles and scientific and technical needs related to the measure taken: Please describe what obstacles have been encountered and any scientific and technical needs for addressing these, including technical and scientific cooperation, capacity development activities or the need for guidance materials.

<Text entry>

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to these obstacles and scientific and technical needs can be found).

<Add link> <Add file>

National Strategy No. 2 - To enhance sustainable utilization of the component of biological diversity

Activities:

- Amendment and updating of relevant laws, rules and regulations in support to Sustainable Forest Management (SFM) principles
- Continue to commit to SFM and in the process of forest certification
- Development of Criteria and Indicators for SFM

For the implementation measure, please indicate to which national or Aichi Biodiversity Target(s) it contributes

Aichi Biodiversity Target No. 4

By 2020, at the latest, Governments, business and stakeholders at all levels have taken steps to achieve or have implemented plans for sustainable production and consumption and have kept the impacts of use of natural resources well within safe ecological limits.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes:

- Measure taken has been effective
 Measure taken has been partially effective
 Measure taken has been ineffective
 Unknown

Please explain the selection and where possible indicate the tools or methodology used for the assessment of effectiveness above

The strategy has been partially effective. Update of national policies supporting SFM including the Biodiversity Order is currently on process. However, initial activities are already being implemented by the Forestry Department.

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found).

<Add link> <Add file>

Other relevant information, including case studies to illustrate how the measure taken has resulted in (or is expected to result in) outcomes that contribute to the implementation of the NBSAP

<Text entry>

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information can be found)

<Add link> <Add file>

Obstacles and scientific and technical needs related to the measure taken: Please describe what obstacles have been encountered and any scientific and technical needs for addressing these, including technical and scientific cooperation, capacity development activities or the need for guidance materials.

<Text entry>

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to these obstacles and scientific and technical needs can be found).

<Add link> <Add file>

National Strategy No. 3 - To develop a center of excellence in research in tropical biological diversity

Activity:

- Establishment of Tropical Biodiversity Centre (TBC) in Sungai Liang, Belait District

For the implementation measure, please indicate to which national or Aichi Biodiversity Target(s) it contributes

Aichi Biodiversity Target No. 19

By 2020, knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved, widely shared and transferred and applied.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes:

- Measure taken has been effective
 Measure taken has been partially effective
 Measure taken has been ineffective
 Unknown

Please explain the selection and where possible indicate the tools or methodology used for the assessment of effectiveness above

The strategy has been effective. The centre has facilitated joint cooperation and collaborations between the government and international research institutions through research studies. It has become a live-learning centre wherein it showcases an ex-situ and in-situ forest and biodiversity conservation areas.

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found).

<Add link> <Add file>

Other relevant information, including case studies to illustrate how the measure taken has resulted in (or is expected to result in) outcomes that contribute to the implementation of the NBSAP

<Text entry>

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information can be found)

<Add link> <Add file>

Obstacles and scientific and technical needs related to the measure taken: Please describe what obstacles have been encountered and any scientific and technical needs for addressing these, including technical and scientific cooperation, capacity development activities or the need for guidance materials.

<Text entry>

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to these obstacles and scientific and technical needs can be found).

<Add link> <Add file>

National Strategy No. 4 - To strengthen institutional framework for biological diversity management

Activity:

- Promote close coordination and holistic approach in resource management

For the implementation measure, please indicate to which national or Aichi Biodiversity Target(s) it contributes

Aichi Biodiversity Target No. 7

By 2020 areas under agriculture, aquaculture and forestry are managed sustainably, ensuring conservation of biodiversity.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes:

- X Measure taken has been effective
 Measure taken has been partially effective
 Measure taken has been ineffective
 Unknown

Please explain the selection and where possible indicate the tools or methodology used for the assessment of effectiveness above

The strategy has been effective.

- Biodiversity related sectors such as forestry, fisheries, agriculture and tourism are under the same Ministry.
- With Wildlife and Heart of Borneo are now under the same sector, i.e. Forestry, make it easier to manage not only flora but also fauna.
- Biosecurity Division was established to regulate importation of agricultural commodities into Brunei Darussalam in order to safeguard plant and livestock industries, public health and environment against the introduction of animal infectious diseases and zoonotic disease, as well as plant pests and disease.

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found).

<Add link> <Add file>

Other relevant information, including case studies to illustrate how the measure taken has resulted in (or is expected to result in) outcomes that contribute to the implementation of the NBSAP

<Text entry>

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information can be found)

<Add link> <Add file>

Obstacles and scientific and technical needs related to the measure taken: Please describe what obstacles have been encountered and any scientific and technical needs for addressing these, including technical and scientific cooperation, capacity development activities or the need for guidance materials.

<Text entry>

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to these obstacles and scientific and technical needs can be found)

found).

<Add link> <Add file>

National Strategy No. 5 - To strengthen and integrate conservation programs

Activities:

- Implementation of Brunei Darussalam's Heart of Borneo (HoB) Initiatives
- Queen's Commonwealth Canopy (QCC)
- Peatland Management
- Involvement of private sectors as part of CSR program and involvement of the NGOs, academia and communities

For the implementation measure, please indicate to which national or Aichi Biodiversity Target(s) it contributes

Aichi Biodiversity Target No. 1

By 2020, at the latest, people are aware of the values of biodiversity and the steps they can take to conserve and use it sustainably.

Aichi Biodiversity Target No. 2

By 2020, at the latest, biodiversity values have been integrated into national and local development and poverty reduction strategies and planning process and are being incorporated into national accounting, as appropriate, and reporting system.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes:

- Measure taken has been effective
 Measure taken has been partially effective
 Measure taken has been ineffective
 Unknown

Please explain the selection and where possible indicate the tools or methodology used for the assessment of effectiveness above

The strategy has been effective.

- To further strengthen the country's efforts in the protection and conservation of forest resources, Brunei Darussalam has pledged 58% of its total land area for the Heart of Borneo (HoB) Initiative. The HoB Initiative is a voluntary transboundary cooperation initiative between the Government of Brunei Darussalam, Indonesia (Kalimantan) and Malaysia (Sabah and Sarawak), to conserve the biodiversity that lies within the HoB for the benefit of the people who rely upon it through the effective management of forest resources and the conservation of a network of protected forest areas, productive forests and other sustainable land uses.
- Brunei Darussalam has dedicated three separate forest reserves, namely Pulau Selirong Forest Reserve, Batu Apoi Forest Reserve and Berakas Forest Reserve, to the Queen's Commonwealth Canopy (QCC) as part of the initiative in protecting and conserving the forest ecosystem.
- Brunei Darussalam has also made progress in the conservation and sustainable management of peatlands including the total ceasing of logging operations in the peat swamp forests from October 2017; improved coordination mechanisms and approaches to control peatland fires and rehabilitation and restoration of peatland particularly in the Badas peat swamp forest.
- The reforestation project, which aims to give back to nature and society, is one of best practices to

protect the environment from development projects.

- Brunei Darussalam also pledge to plant 500,000 new trees by 2035 in supporting the climate change mitigation programme.
- Public awareness programs are also being actively organized through Community Outreach Programme by encouraging participation from the government sectors, general public such as the local communities, NGOs, private sectors and students. Such programs include tree planting activities as well as forest-related research projects.
- The country will continue to collaborate with academic and research institutions in the conduct of flora and faunal research to determine and identify new and unknown species within the natural ecosystems of Brunei Darussalam

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found).

<Add link> <Add file>

Other relevant information, including case studies to illustrate how the measure taken has resulted in (or is expected to result in) outcomes that contribute to the implementation of the NBSAP

<Text entry>

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information can be found)

<Add link> <Add file>

Obstacles and scientific and technical needs related to the measure taken: Please describe what obstacles have been encountered and any scientific and technical needs for addressing these, including technical and scientific cooperation, capacity development activities or the need for guidance materials.

<Text entry>

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to these obstacles and scientific and technical needs can be found).

<Add link> <Add file>

National Strategy No. 6 - To integrate biological diversity consideration into sectoral planning strategies

Activity:

- Cooperation with Town and Country Planning (TCP), Land Department and Ministry of Development on development plan

For the implementation measure, please indicate to which national or Aichi Biodiversity Target(s) it contributes

Aichi Biodiversity Target No. 2

By 2020, at the latest, biodiversity values have been integrated into national and local development and poverty reduction strategies and planning process and are being incorporated into national accounting, as appropriate, and reporting system.

Aichi Biodiversity Target No. 4:

By 2020, at the latest, Governments, business and stakeholders at all levels have taken steps to achieve or have implemented plans for sustainable production and consumption and have kept the impacts of use of natural resources well within safe ecological limits.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes:

- Measure taken has been effective
 Measure taken has been partially effective
 Measure taken has been ineffective
 Unknown

Please explain the selection and where possible indicate the tools or methodology used for the assessment of effectiveness above

The strategy has been effective.

- For any development project carried out in Brunei, Instituting the application of an Environmental Impact Assessment (E.I.A.) process in the planning of major developments is a must so that the environmental costs and economic benefits are fully considered and weighed before a project is approved. E.I.A. is part of the country's development planning process to avoid adverse environmental consequences and unsustainable development.
- Brunei Darussalam continue its efforts to conserve the country's biodiversity, rain forests and natural habitat and are taken into consideration in planning strategies of Brunei Darussalam.

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found).

<Add link> <Add file>

Other relevant information, including case studies to illustrate how the measure taken has resulted in (or is expected to result in) outcomes that contribute to the implementation of the NBSAP

<Text entry>

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information can be found)

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<Text entry>

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to these obstacles and scientific and technical needs can be found).

<Add link> <Add file>

National Strategy No. 7 - To enhance skills, capabilities and competence

Activity:

- Attending training and workshops locally and internationally

For the implementation measure, please indicate to which national or Aichi Biodiversity Target(s) it contributes

Aichi Biodiversity Target 19:

By 2020, knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved, widely shared and

<p>transferred, and applied.</p>
<p>Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes:</p> <p>X <input type="checkbox"/> Measure taken has been effective <input type="checkbox"/> Measure taken has been partially effective <input type="checkbox"/> Measure taken has been ineffective <input type="checkbox"/> Unknown</p> <p>Please explain the selection and where possible indicate the tools or methodology used for the assessment of effectiveness above</p> <p>The strategy has been effective.</p> <ul style="list-style-type: none"> • Joint cooperation and collaborations between the local government and international organizations. For example international cooperation between Brunei Darussalam and Asian Forest Cooperation Organization (AFoCO) through The Regional Education and Training Centre (RETC) which aims to strengthen the capacity building of the member countries in forestry sector through advanced training and education programs. <p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found). <Add link> <Add file></p>
<p>Other relevant information, including case studies to illustrate how the measure taken has resulted in (or is expected to result in) outcomes that contribute to the implementation of the NBSAP</p> <p><Text entry></p> <p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information can be found) <Add link> <Add file></p>
<p>Obstacles and scientific and technical needs related to the measure taken: Please describe what obstacles have been encountered and any scientific and technical needs for addressing these, including technical and scientific cooperation, capacity development activities or the need for guidance materials.</p> <p><Text entry></p> <p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to these obstacles and scientific and technical needs can be found). <Add link> <Add file></p>
<p>National Strategy No. 8 - To encourage private sector participation</p> <p>Activity:</p> <ul style="list-style-type: none"> • Involvement of private sectors as part of Corporate Social Responsibility (CSR) program
<p>For the implementation measure, please indicate to which national or Aichi Biodiversity Target(s) it contributes</p> <p>Aichi Biodiversity Target 1:</p> <p>By 2020, at the latest, people are aware of the values of biodiversity and the steps they can take to conserve</p>

and use it sustainably.
<p>Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes:</p> <p>X <input type="checkbox"/> Measure taken has been effective <input type="checkbox"/> Measure taken has been partially effective <input type="checkbox"/> Measure taken has been ineffective <input type="checkbox"/> Unknown</p> <p>Please explain the selection and where possible indicate the tools or methodology used for the assessment of effectiveness above</p> <p>The strategy has been effective.</p> <ul style="list-style-type: none"> Public awareness programs are also being actively organized by encouraging participation from the local communities, Non-Government Organizations (NGOs), and private sectors. Such programs include tree planting activities as well as forest-related research projects. <p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found). <Add link> <Add file></p>
<p>Other relevant information, including case studies to illustrate how the measure taken has resulted in (or is expected to result in) outcomes that contribute to the implementation of the NBSAP</p> <p><Text entry></p> <p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information can be found) <Add link> <Add file></p>
<p>Obstacles and scientific and technical needs related to the measure taken: Please describe what obstacles have been encountered and any scientific and technical needs for addressing these, including technical and scientific cooperation, capacity development activities or the need for guidance materials.</p> <p><Text entry></p> <p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to these obstacles and scientific and technical needs can be found). <Add link> <Add file></p>

<p>National Strategy No. 9 - To review legislation to reflect biological diversity needs</p> <p>Activity:</p> <ul style="list-style-type: none"> Revise existing relevant laws, rules and regulations Establishment of Biodiversity Order
<p>For the implementation measure, please indicate to which national or Aichi Biodiversity Target(s) it contributes</p> <p>Aichi Biodiversity Target 4:</p> <p>By 2020, at the latest, Governments, business and stakeholders at all levels have taken steps to achieve or have implemented plans for sustainable production and consumption and have kept the impacts of use of</p>

<p>natural resources well within safe ecological limits.</p>
<p>Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes:</p> <p><input type="checkbox"/> Measure taken has been effective <input checked="" type="checkbox"/> Measure taken has been partially effective <input type="checkbox"/> Measure taken has been ineffective <input type="checkbox"/> Unknown</p> <p>Please explain the selection and where possible indicate the tools or methodology used for the assessment of effectiveness above</p> <p>The strategy has been partially effective.</p> <ul style="list-style-type: none"> On-going, including the Biodiversity Order which is still in drafting stage, however the activities implementation have been carried out by Forestry Department. <p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found). <Add link> <Add file></p>
<p>Other relevant information, including case studies to illustrate how the measure taken has resulted in (or is expected to result in) outcomes that contribute to the implementation of the NBSAP</p> <p><Text entry></p> <p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information can be found) <Add link> <Add file></p>
<p>Obstacles and scientific and technical needs related to the measure taken: Please describe what obstacles have been encountered and any scientific and technical needs for addressing these, including technical and scientific cooperation, capacity development activities or the need for guidance materials.</p> <p><Text entry></p> <p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to these obstacles and scientific and technical needs can be found). <Add link> <Add file></p>

<p>National Strategy No. 10 - To minimize impact of human activities on biological diversity</p> <p>Activity:</p> <ul style="list-style-type: none"> Forest Act and other related legislation Implementation of Environmental Impact Assessment (EIA)
<p>For the implementation measure, please indicate to which national or Aichi Biodiversity Target(s) it contributes</p> <p>Aichi Biodiversity Target 4:</p> <p>By 2020, at the latest, Governments, business and stakeholders at all levels have taken steps to achieve or have implemented plans for sustainable production and consumption and have kept the impacts of use of natural resources well within safe ecological limits.</p>

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes:

- Measure taken has been effective
 Measure taken has been partially effective
 Measure taken has been ineffective
 Unknown

Please explain the selection and where possible indicate the tools or methodology used for the assessment of effectiveness above

The strategy has been effective.

- Supplementing the Forest Act of 1934 are other related legislation including the Wildlife Protection Act [1978], Land Code [1909], amended in 1982; and Land Acquisition Act [1949], Antiquities and Treasure Trove Act [1967], Town and Country Planning Act, Wild Flora and Fauna Order 2007
- For any development project carried out in Brunei, instituting the application of an Environmental Impact Assessment (EIA) process in the planning of major developments is a must so that the environmental costs and economic benefits are fully considered and weighed before a project is approved. EIA is part of the country's development planning process to avoid adverse environmental consequences and unsustainable development.

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found).

<Add link> <Add file>

Other relevant information, including case studies to illustrate how the measure taken has resulted in (or is expected to result in) outcomes that contribute to the implementation of the NBSAP

<Text entry>

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information can be found)

<Add link> <Add file>

Obstacles and scientific and technical needs related to the measure taken: Please describe what obstacles have been encountered and any scientific and technical needs for addressing these, including technical and scientific cooperation, capacity development activities or the need for guidance materials.

<Text entry>

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to these obstacles and scientific and technical needs can be found).

<Add link> <Add file>

National Strategy No. 11 - To enhance institutional and public awareness

Activity:

- Annual celebration of the International Day of Forests (IDF)

For the implementation measure, please indicate to which national or Aichi Biodiversity Target(s) it contributes

Aichi Biodiversity Target 1:

By 2020, at the latest, people are aware of the values of biodiversity and the steps they can take to conserve and use it sustainably.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes:

X Measure taken has been effective
 Measure taken has been partially effective
 Measure taken has been ineffective
 Unknown

Please explain the selection and where possible indicate the tools or methodology used for the assessment of effectiveness above

The strategy has been effective.

- Every 21st of March of each year, is the day to observe and celebrate IDF in raising awareness of the importance of all types of forests and of trees outside the forests. This occasion is intended to be one of the world's leading global platforms to raise awareness about the importance of forest ecosystems and to promote sustainable development. Brunei Darussalam is normally will organize related activities such as tree planting campaigns, forest related exhibition and etc. Brunei also organize public awareness campaign on biodiversity every international Day of Biodiversity and the World Ozone Day celebration.

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found).
 <Add link> <Add file>

Other relevant information, including case studies to illustrate how the measure taken has resulted in (or is expected to result in) outcomes that contribute to the implementation of the NBSAP
 <Text entry>

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information can be found)
 <Add link> <Add file>

Obstacles and scientific and technical needs related to the measure taken: Please describe what obstacles have been encountered and any scientific and technical needs for addressing these, including technical and scientific cooperation, capacity development activities or the need for guidance materials.
 <Text entry>

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to these obstacles and scientific and technical needs can be found).
 <Add link> <Add file>

National Strategy No. 12 - To promote international cooperation and collaboration

Activity:

- Joint cooperation and collaborations between the government and international research institutions
- Queen's Commonwealth Canopy (QCC)
- Heart of Borneo (HoB) Initiatives Commitment

For the implementation measure, please indicate to which national or Aichi Biodiversity Target(s) it contributes

Aichi Biodiversity Target 1:

By 2020, at the latest, people are aware of the values of biodiversity and the steps they can take to conserve and use it sustainably.

Aichi Biodiversity Target 2:

By 2020, at the latest, biodiversity values have been integrated into national and local development and poverty reduction strategies and planning process and are being incorporated into national accounting, as appropriate, and reporting system.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes:

- Measure taken has been effective
 Measure taken has been partially effective
 Measure taken has been ineffective
 Unknown

Please explain the selection and where possible indicate the tools or methodology used for the assessment of effectiveness above

The strategy has been effective.

- The country will continue to collaborate with academic and research institutions in the conduct of flora and faunal research to determine and identify new and unknown species within the natural ecosystems of Brunei Darussalam.
- Brunei Darussalam has dedicated three separate forest reserves, namely Pulau Selirong Forest Reserve, Batu Apoi Forest Reserve and Berakas Forest Reserve, to the Queen's Commonwealth Canopy (QCC) as part of the initiative in protecting and conserving the forest ecosystem.
- To further strengthen the country's efforts in the protection and conservation of forest resources, Brunei Darussalam has pledged 58% of its total land area for the HoB Initiative.
- The HoB Initiative is a voluntary transboundary cooperation initiative between the Government of Brunei Darussalam, Indonesia (Kalimantan) and Malaysia (Sabah and Sarawak), to conserve the biodiversity that lies within the HoB for the benefit of the people who rely upon it through the effective management of forest resources and the conservation of a network of protected forest areas, productive forests and other sustainable land uses.

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found).

<Add link> <Add file>

Other relevant information, including case studies to illustrate how the measure taken has resulted in (or is expected to result in) outcomes that contribute to the implementation of the NBSAP

<Text entry>

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information can be found)

<Add link> <Add file>

Obstacles and scientific and technical needs related to the measure taken: Please describe what obstacles have been encountered and any scientific and technical needs for addressing these, including technical and scientific cooperation, capacity development activities or the need for guidance materials.

<Text entry>

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or

documents where additional information related to these obstacles and scientific and technical needs can be found).
 <Add link> <Add file>

National Strategy No. 13 - Information exchange

Activity:

- Institute for Biodiversity and Environmental Research (IBER), Universiti Brunei Darussalam

For the implementation measure, please indicate to which national or Aichi Biodiversity Target(s) it contributes

Aichi Biodiversity Target 19:

By 2020, knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved, widely shared and transferred and applied.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes:

- X Measure taken has been effective
 Measure taken has been partially effective
 Measure taken has been ineffective
 Unknown

Please explain the selection and where possible indicate the tools or methodology used for the assessment of effectiveness above

The strategy has been effective.

- Joint cooperation and collaborations between the government and research institutions through research studies and dissemination of the research output.

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found).

<Add link> <Add file>

Other relevant information, including case studies to illustrate how the measure taken has resulted in (or is expected to result in) outcomes that contribute to the implementation of the NBSAP

<Text entry>

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information can be found)

<Add link> <Add file>

Obstacles and scientific and technical needs related to the measure taken: Please describe what obstacles have been encountered and any scientific and technical needs for addressing these, including technical and scientific cooperation, capacity development activities or the need for guidance materials.

<Text entry>

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to these obstacles and scientific and technical needs can be found).

<Add link> <Add file>

Section III. Assessment of progress towards each national target

Using the template below, please assess the level of progress made towards each of your country's national targets or similar commitments. The template should be replicated for each national target. If your country has not set national targets please use the Aichi Biodiversity Targets.

<p>National Target No. 1</p> <p>To improve the scientific knowledge base</p>
<p>Category of progress towards the implementation of the selected target:</p> <p><input type="checkbox"/> On track to exceed target</p> <p>X <input type="checkbox"/> On track to achieve target</p> <p><input type="checkbox"/> Progress towards target but at an insufficient rate</p> <p><input type="checkbox"/> No significant change</p> <p><input type="checkbox"/> Moving away from target</p> <p><input type="checkbox"/> Unknown</p>
<p>Date the assessment was done:</p> <p>January 2020</p>
<p>Additional information (Please provide information on the evidence used in the assessment of this target, drawing upon relevant information provided in section II, including obstacles in undertaking the assessment).</p> <ul style="list-style-type: none"> - Publication of book entitled <i>“Rainforest Plants and Flowers of Brunei Darussalam”</i> - Conduct of joint expedition and collection of botanical specimens - Collaboration with Singapore-MIT Alliance Research and Institutions (SMART), National Institute of Technology Evaluation (NITE), Japan and Wetland International (WI).
<p>Indicators used in this assessment</p> <p><i>Indicator(s) used in this assessment</i></p> <p><Indicator(s) used> Please provide a list of indicators used for the assessment of this target</p> <p>or:</p> <p>X <input type="checkbox"/> No indicator used</p>
<p>Please describe any other tools or means used for assessing progress</p> <p><Text entry> Expert opinion</p>
<p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found).</p> <p><Add link> <Add file></p>
<p>Level of confidence of the above assessment</p> <p>X <input type="checkbox"/> Based on comprehensive evidence</p> <p><input type="checkbox"/> Based on partial evidence</p> <p><input type="checkbox"/> Based on limited evidence</p>
<p>Please provide an explanation for the level of confidence indicated above.</p>

<p>Adequacy of monitoring information to support assessment</p> <p><input checked="" type="checkbox"/> Monitoring related to this target is adequate <input type="checkbox"/> Monitoring related to this target is partial (e.g. only covering part of the area or issue) <input type="checkbox"/> No monitoring system in place <input type="checkbox"/> Monitoring is not needed</p>
<p>Please describe how the target is monitored and indicate whether there is a monitoring system in place</p> <p>The Target is part of the Forestry Department’s mandate and responsibility.</p> <p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to the monitoring system can be found)</p> <p><Add link> <Add file></p>
<p>National Target No. 2</p> <p>To enhance sustainable utilization of the component of biological diversity</p>
<p>Category of progress towards the implementation of the selected target:</p> <p><input type="checkbox"/> On track to exceed target <input checked="" type="checkbox"/> On track to achieve target <input type="checkbox"/> Progress towards target but at an insufficient rate <input type="checkbox"/> No significant change <input type="checkbox"/> Moving away from target <input type="checkbox"/> Unknown</p>
<p>Date the assessment was done:</p> <p>January 2020</p>
<p>Additional information (Please provide information on the evidence used in the assessment of this target, drawing upon relevant information provided in section II, including obstacles in undertaking the assessment).</p> <p>- The proposed Biological Order is still on process.</p>
<p>Indicators used in this assessment</p> <p><i>Indicator(s) used in this assessment</i></p> <p><Indicator(s) used> Please provide a list of indicators used for the assessment of this target</p> <p>or:</p> <p><input checked="" type="checkbox"/> No indicator used</p>
<p>Please describe any other tools or means used for assessing progress</p> <p><Text entry> Expert opinion</p>
<p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web</p>

<p>links or documents where additional information related to this assessment can be found).</p> <p><Add link> <Add file></p>
<p>Level of confidence of the above assessment</p> <p><input type="checkbox"/> Based on comprehensive evidence</p> <p>X <input checked="" type="checkbox"/> Based on partial evidence</p> <p><input type="checkbox"/> Based on limited evidence</p>
<p>Please provide an explanation for the level of confidence indicated above.</p>
<p>Adequacy of monitoring information to support assessment</p> <p>X <input checked="" type="checkbox"/> Monitoring related to this target is adequate</p> <p><input type="checkbox"/> Monitoring related to this target is partial (e.g. only covering part of the area or issue)</p> <p><input type="checkbox"/> No monitoring system in place</p> <p><input type="checkbox"/> Monitoring is not needed</p>
<p>Please describe how the target is monitored and indicate whether there is a monitoring system in place</p> <p>The Target is part of the Forestry Department's mandate and responsibility.</p> <p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to the monitoring system can be found)</p> <p><Add link> <Add file></p>

<p>National Target No. 3</p> <p>To develop a center of excellence in research in tropical biological diversity</p>
<p>Category of progress towards the implementation of the selected target:</p> <p><input type="checkbox"/> On track to exceed target</p> <p>X <input checked="" type="checkbox"/> On track to achieve target</p> <p><input type="checkbox"/> Progress towards target but at an insufficient rate</p> <p><input type="checkbox"/> No significant change</p> <p><input type="checkbox"/> Moving away from target</p> <p><input type="checkbox"/> Unknown</p>
<p>Date the assessment was done:</p> <p>January 2020</p>

<p>Additional information (Please provide information on the evidence used in the assessment of this target, drawing upon relevant information provided in section II, including obstacles in undertaking the assessment).</p>
<p>Indicators used in this assessment <i>Indicator(s) used in this assessment</i> <Indicator(s) used> Please provide a list of indicators used for the assessment of this target or: <input checked="" type="checkbox"/> No indicator used</p>
<p>Please describe any other tools or means used for assessing progress <Text entry> Expert opinion</p>
<p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found). <Add link> <Add file></p>
<p>Level of confidence of the above assessment <input type="checkbox"/> Based on comprehensive evidence <input checked="" type="checkbox"/> Based on partial evidence <input type="checkbox"/> Based on limited evidence</p>
<p>Please provide an explanation for the level of confidence indicated above. The Tropical Biodiversity Centre is under the jurisdiction of the Forestry Department.</p>
<p>Adequacy of monitoring information to support assessment <input checked="" type="checkbox"/> Monitoring related to this target is adequate <input type="checkbox"/> Monitoring related to this target is partial (e.g. only covering part of the area or issue) <input type="checkbox"/> No monitoring system in place <input type="checkbox"/> Monitoring is not needed</p>
<p>Please describe how the target is monitored and indicate whether there is a monitoring system in place The Target is part of the Forestry Department's mandate and responsibility.</p> <p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to the monitoring system can be found) <Add link> <Add file></p>

National Target No. 4

To strengthen institutional framework for biological diversity management

Category of progress towards the implementation of the selected target:

- On track to exceed target
- On track to achieve target
- Progress towards target but at an insufficient rate
- No significant change
- Moving away from target
- Unknown

Date the assessment was done:

January 2020

Additional information (Please provide information on the evidence used in the assessment of this target, drawing upon relevant information provided in section II, including obstacles in undertaking the assessment).

Biodiversity related sectors such as forestry, fisheries, agriculture and tourism are under the same Ministry.

Indicators used in this assessment

Indicator(s) used in this assessment

<Indicator(s) used> Please provide a list of indicators used for the assessment of this target

or:

No indicator used

Please describe any other tools or means used for assessing progress

<Text entry> Expert opinion

Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found).

<Add link> <Add file>

Level of confidence of the above assessment

- Based on comprehensive evidence
- Based on partial evidence
- Based on limited evidence

Please provide an explanation for the level of confidence indicated above.

Adequacy of monitoring information to support assessment

Monitoring related to this target is adequate

<input type="checkbox"/> Monitoring related to this target is partial (e.g. only covering part of the area or issue) <input type="checkbox"/> No monitoring system in place <input type="checkbox"/> Monitoring is not needed
<p>Please describe how the target is monitored and indicate whether there is a monitoring system in place</p> <p>The Target is part of the Forestry Department’s mandate and responsibility.</p> <p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to the monitoring system can be found)</p> <p><Add link> <Add file></p>

<p>National Target No. 5</p> <p>To strengthen and integrate conservation programs</p>
<p>Category of progress towards the implementation of the selected target:</p> <input type="checkbox"/> On track to exceed target <input checked="" type="checkbox"/> On track to achieve target <input type="checkbox"/> Progress towards target but at an insufficient rate <input type="checkbox"/> No significant change <input type="checkbox"/> Moving away from target <input type="checkbox"/> Unknown
<p>Date the assessment was done:</p> <p>January 2020</p>
<p>Additional information (Please provide information on the evidence used in the assessment of this target, drawing upon relevant information provided in section II, including obstacles in undertaking the assessment).</p>
<p>Indicators used in this assessment</p> <p>Indicator(s) used in this assessment</p> <p><Indicator(s) used> Please provide a list of indicators used for the assessment of this target</p> <p>or:</p> <input checked="" type="checkbox"/> No indicator used
<p>Please describe any other tools or means used for assessing progress</p> <p><Text entry> Expert opinion</p>

<p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found).</p> <p><Add link> <Add file></p>
<p>Level of confidence of the above assessment</p> <p><input type="checkbox"/> Based on comprehensive evidence</p> <p><input checked="" type="checkbox"/> Based on partial evidence</p> <p><input type="checkbox"/> Based on limited evidence</p>
<p>Please provide an explanation for the level of confidence indicated above.</p> <p>This target is being implemented by the Forestry Department</p>
<p>Adequacy of monitoring information to support assessment</p> <p><input checked="" type="checkbox"/> Monitoring related to this target is adequate</p> <p><input type="checkbox"/> Monitoring related to this target is partial (e.g. only covering part of the area or issue)</p> <p><input type="checkbox"/> No monitoring system in place</p> <p><input type="checkbox"/> Monitoring is not needed</p>
<p>Please describe how the target is monitored and indicate whether there is a monitoring system in place</p> <p>The Target is part of the Forestry Department's mandate and responsibility.</p> <p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to the monitoring system can be found)</p> <p><Add link> <Add file></p>

<p>National Target No. 6</p> <p>To integrate biological diversity consideration into sectoral planning strategies</p>
<p>Category of progress towards the implementation of the selected target:</p> <p><input type="checkbox"/> On track to exceed target</p> <p><input checked="" type="checkbox"/> On track to achieve target</p> <p><input type="checkbox"/> Progress towards target but at an insufficient rate</p> <p><input type="checkbox"/> No significant change</p> <p><input type="checkbox"/> Moving away from target</p> <p><input type="checkbox"/> Unknown</p>
<p>Date the assessment was done:</p> <p>January 2020</p>

<p>Additional information (Please provide information on the evidence used in the assessment of this target, drawing upon relevant information provided in section II, including obstacles in undertaking the assessment).</p>
<p>Indicators used in this assessment <i>Indicator(s) used in this assessment</i> <Indicator(s) used> Please provide a list of indicators used for the assessment of this target or: <input checked="" type="checkbox"/> No indicator used</p>
<p>Please describe any other tools or means used for assessing progress <Text entry> Expert opinion</p>
<p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found). <Add link> <Add file></p>
<p>Level of confidence of the above assessment <input type="checkbox"/> Based on comprehensive evidence <input checked="" type="checkbox"/> Based on partial evidence <input type="checkbox"/> Based on limited evidence</p>
<p>Please provide an explanation for the level of confidence indicated above. Regular coordination with Town and Country Planning</p>
<p>Adequacy of monitoring information to support assessment <input checked="" type="checkbox"/> Monitoring related to this target is adequate <input type="checkbox"/> Monitoring related to this target is partial (e.g. only covering part of the area or issue) <input type="checkbox"/> No monitoring system in place <input type="checkbox"/> Monitoring is not needed</p>
<p>Please describe how the target is monitored and indicate whether there is a monitoring system in place The Target is part of the Forestry Department's mandate and responsibility.</p> <p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to the monitoring system can be found) <Add link> <Add file></p>

<p>National Target No. 7</p> <p>To enhance skills, capabilities and competence</p>
<p>Category of progress towards the implementation of the selected target:</p> <p><input type="checkbox"/> On track to exceed target</p> <p><input checked="" type="checkbox"/> On track to achieve target</p> <p><input type="checkbox"/> Progress towards target but at an insufficient rate</p> <p><input type="checkbox"/> No significant change</p> <p><input type="checkbox"/> Moving away from target</p> <p><input type="checkbox"/> Unknown</p>
<p>Date the assessment was done:</p> <p>January 2020</p>
<p>Additional information (Please provide information on the evidence used in the assessment of this target, drawing upon relevant information provided in section II, including obstacles in undertaking the assessment).</p>
<p>Indicators used in this assessment</p> <p><i>Indicator(s) used in this assessment</i></p> <p><Indicator(s) used> Please provide a list of indicators used for the assessment of this target</p> <p>or:</p> <p><input checked="" type="checkbox"/> No indicator used</p>
<p>Please describe any other tools or means used for assessing progress</p> <p><Text entry> Expert opinion</p>
<p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found).</p> <p><Add link> <Add file></p>
<p>Level of confidence of the above assessment</p> <p><input type="checkbox"/> Based on comprehensive evidence</p> <p><input checked="" type="checkbox"/> Based on partial evidence</p> <p><input type="checkbox"/> Based on limited evidence</p>
<p>Please provide an explanation for the level of confidence indicated above.</p> <p>Attendance/participation of Forestry Department staff in trainings and seminars</p>
<p>Adequacy of monitoring information to support assessment</p> <p><input checked="" type="checkbox"/> Monitoring related to this target is adequate</p>

<input type="checkbox"/> Monitoring related to this target is partial (e.g. only covering part of the area or issue) <input type="checkbox"/> No monitoring system in place <input type="checkbox"/> Monitoring is not needed
<p>Please describe how the target is monitored and indicate whether there is a monitoring system in place</p> <p>The Target is part of the Forestry Department’s mandate and responsibility.</p> <p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to the monitoring system can be found)</p> <p><Add link> <Add file></p>

<p>National Target No. 8</p> <p>To encourage private sector participation</p>
<p>Category of progress towards the implementation of the selected target:</p> <input type="checkbox"/> On track to exceed target <input checked="" type="checkbox"/> On track to achieve target <input type="checkbox"/> Progress towards target but at an insufficient rate <input type="checkbox"/> No significant change <input type="checkbox"/> Moving away from target <input type="checkbox"/> Unknown
<p>Date the assessment was done:</p> <p>January 2020</p>
<p>Additional information (Please provide information on the evidence used in the assessment of this target, drawing upon relevant information provided in section II, including obstacles in undertaking the assessment).</p>
<p>Indicators used in this assessment</p> <p><i>Indicator(s) used in this assessment</i></p> <p><Indicator(s) used> Please provide a list of indicators used for the assessment of this target</p> <p>or:</p> <input checked="" type="checkbox"/> No indicator used
<p>Please describe any other tools or means used for assessing progress</p> <p><Text entry> Expert opinion</p>

<p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found).</p> <p><Add link> <Add file></p>
<p>Level of confidence of the above assessment</p> <p><input type="checkbox"/> Based on comprehensive evidence</p> <p><input checked="" type="checkbox"/> Based on partial evidence</p> <p><input type="checkbox"/> Based on limited evidence</p>
<p>Please provide an explanation for the level of confidence indicated above.</p> <p>Influence the CSR activities of corporate sector</p>
<p>Adequacy of monitoring information to support assessment</p> <p><input checked="" type="checkbox"/> Monitoring related to this target is adequate</p> <p><input type="checkbox"/> Monitoring related to this target is partial (e.g. only covering part of the area or issue)</p> <p><input type="checkbox"/> No monitoring system in place</p> <p><input type="checkbox"/> Monitoring is not needed</p>
<p>Please describe how the target is monitored and indicate whether there is a monitoring system in place</p> <p>The Target is part of the Forestry Department’s mandate and responsibility.</p> <p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to the monitoring system can be found)</p> <p><Add link> <Add file></p>

<p>National Target No. 9</p> <p>To review legislation to reflect biological diversity needs</p>
<p>Category of progress towards the implementation of the selected target:</p> <p><input type="checkbox"/> On track to exceed target</p> <p><input checked="" type="checkbox"/> On track to achieve target</p> <p><input type="checkbox"/> Progress towards target but at an insufficient rate</p> <p><input type="checkbox"/> No significant change</p> <p><input type="checkbox"/> Moving away from target</p> <p><input type="checkbox"/> Unknown</p>
<p>Date the assessment was done:</p> <p>January 2020</p>

<p>Additional information (Please provide information on the evidence used in the assessment of this target, drawing upon relevant information provided in section II, including obstacles in undertaking the assessment).</p>
<p>Indicators used in this assessment <i>Indicator(s) used in this assessment</i> <Indicator(s) used> Please provide a list of indicators used for the assessment of this target or: X <input type="checkbox"/> No indicator used</p>
<p>Please describe any other tools or means used for assessing progress <Text entry> Expert opinion</p>
<p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found). <Add link> <Add file></p>
<p>Level of confidence of the above assessment <input type="checkbox"/> Based on comprehensive evidence X <input type="checkbox"/> Based on partial evidence <input type="checkbox"/> Based on limited evidence</p>
<p>Please provide an explanation for the level of confidence indicated above. This activity is part of Forestry Department mandate.</p>
<p>Adequacy of monitoring information to support assessment X <input type="checkbox"/> Monitoring related to this target is adequate <input type="checkbox"/> Monitoring related to this target is partial (e.g. only covering part of the area or issue) <input type="checkbox"/> No monitoring system in place <input type="checkbox"/> Monitoring is not needed</p>
<p>Please describe how the target is monitored and indicate whether there is a monitoring system in place The Target is part of the Forestry Department’s mandate and responsibility.</p> <p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to the monitoring system can be found) <Add link> <Add file></p>

<p>National Target No. 10</p> <p>To minimize impact of human activities on biological diversity</p>
<p>Category of progress towards the implementation of the selected target:</p> <p><input type="checkbox"/> On track to exceed target</p> <p><input checked="" type="checkbox"/> On track to achieve target</p> <p><input type="checkbox"/> Progress towards target but at an insufficient rate</p> <p><input type="checkbox"/> No significant change</p> <p><input type="checkbox"/> Moving away from target</p> <p><input type="checkbox"/> Unknown</p>
<p>Date the assessment was done:</p> <p>January 2020</p>
<p>Additional information (Please provide information on the evidence used in the assessment of this target, drawing upon relevant information provided in section II, including obstacles in undertaking the assessment).</p>
<p>Indicators used in this assessment</p> <p><i>Indicator(s) used in this assessment</i></p> <p><Indicator(s) used> Please provide a list of indicators used for the assessment of this target</p> <p>or:</p> <p><input checked="" type="checkbox"/> No indicator used</p>
<p>Please describe any other tools or means used for assessing progress</p> <p><Text entry> Expert opinion</p>
<p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found).</p> <p><Add link> <Add file></p>
<p>Level of confidence of the above assessment</p> <p><input type="checkbox"/> Based on comprehensive evidence</p> <p><input checked="" type="checkbox"/> Based on partial evidence</p> <p><input type="checkbox"/> Based on limited evidence</p>
<p>Please provide an explanation for the level of confidence indicated above.</p> <p>Strict implementation of Forestry Act by Forestry Department</p>
<p>Adequacy of monitoring information to support assessment</p> <p><input checked="" type="checkbox"/> Monitoring related to this target is adequate</p>

<input type="checkbox"/> Monitoring related to this target is partial (e.g. only covering part of the area or issue) <input type="checkbox"/> No monitoring system in place <input type="checkbox"/> Monitoring is not needed
<p>Please describe how the target is monitored and indicate whether there is a monitoring system in place</p> <p>The Target is part of the Forestry Department’s mandate and responsibility.</p> <p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to the monitoring system can be found)</p> <p><Add link> <Add file></p>

<p>National Target No. 11</p> <p>To enhance institutional and public awareness</p>
<p>Category of progress towards the implementation of the selected target:</p> <input type="checkbox"/> On track to exceed target <input checked="" type="checkbox"/> On track to achieve target <input type="checkbox"/> Progress towards target but at an insufficient rate <input type="checkbox"/> No significant change <input type="checkbox"/> Moving away from target <input type="checkbox"/> Unknown
<p>Date the assessment was done:</p> <p>January 2020</p>
<p>Additional information (Please provide information on the evidence used in the assessment of this target, drawing upon relevant information provided in section II, including obstacles in undertaking the assessment).</p>
<p>Indicators used in this assessment</p> <p><i>Indicator(s) used in this assessment</i></p> <p><Indicator(s) used> Please provide a list of indicators used for the assessment of this target</p> <p>or:</p> <input checked="" type="checkbox"/> No indicator used
<p>Please describe any other tools or means used for assessing progress</p> <p><Text entry> Expert opinion</p>

<p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found).</p> <p><Add link> <Add file></p>
<p>Level of confidence of the above assessment</p> <p><input type="checkbox"/> Based on comprehensive evidence</p> <p><input checked="" type="checkbox"/> Based on partial evidence</p> <p><input type="checkbox"/> Based on limited evidence</p>
<p>Please provide an explanation for the level of confidence indicated above.</p> <p>Regular hosting of forestry-related events for public participation</p>
<p>Adequacy of monitoring information to support assessment</p> <p><input checked="" type="checkbox"/> Monitoring related to this target is adequate</p> <p><input type="checkbox"/> Monitoring related to this target is partial (e.g. only covering part of the area or issue)</p> <p><input type="checkbox"/> No monitoring system in place</p> <p><input type="checkbox"/> Monitoring is not needed</p>
<p>Please describe how the target is monitored and indicate whether there is a monitoring system in place</p> <p>The Target is part of the Forestry Department’s mandate and responsibility.</p> <p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to the monitoring system can be found)</p> <p><Add link> <Add file></p>

<p>National Target No. 12</p> <p>To promote international cooperation and collaboration</p>
<p>Category of progress towards the implementation of the selected target:</p> <p><input type="checkbox"/> On track to exceed target</p> <p><input checked="" type="checkbox"/> On track to achieve target</p> <p><input type="checkbox"/> Progress towards target but at an insufficient rate</p> <p><input type="checkbox"/> No significant change</p> <p><input type="checkbox"/> Moving away from target</p> <p><input type="checkbox"/> Unknown</p>
<p>Date the assessment was done:</p> <p>January 2020</p>

<p>Additional information (Please provide information on the evidence used in the assessment of this target, drawing upon relevant information provided in section II, including obstacles in undertaking the assessment).</p>
<p>Indicators used in this assessment <i>Indicator(s) used in this assessment</i> <Indicator(s) used> Please provide a list of indicators used for the assessment of this target or: <input checked="" type="checkbox"/> No indicator used</p>
<p>Please describe any other tools or means used for assessing progress <Text entry> Expert opinion</p>
<p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found). <Add link> <Add file></p>
<p>Level of confidence of the above assessment <input type="checkbox"/> Based on comprehensive evidence <input checked="" type="checkbox"/> Based on partial evidence <input type="checkbox"/> Based on limited evidence</p>
<p>Please provide an explanation for the level of confidence indicated above.</p>
<p>Adequacy of monitoring information to support assessment <input checked="" type="checkbox"/> Monitoring related to this target is adequate <input type="checkbox"/> Monitoring related to this target is partial (e.g. only covering part of the area or issue) <input type="checkbox"/> No monitoring system in place <input type="checkbox"/> Monitoring is not needed</p>
<p>Please describe how the target is monitored and indicate whether there is a monitoring system in place The Target is part of the Forestry Department’s mandate and responsibility.</p> <p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to the monitoring system can be found) <Add link> <Add file></p>

<p>National Target No. 13</p> <p>To exchange of information</p>
<p>Category of progress towards the implementation of the selected target:</p> <p><input type="checkbox"/> On track to exceed target</p> <p><input checked="" type="checkbox"/> On track to achieve target</p> <p><input type="checkbox"/> Progress towards target but at an insufficient rate</p> <p><input type="checkbox"/> No significant change</p> <p><input type="checkbox"/> Moving away from target</p> <p><input type="checkbox"/> Unknown</p>
<p>Date the assessment was done:</p> <p>January 2020</p>
<p>Additional information (Please provide information on the evidence used in the assessment of this target, drawing upon relevant information provided in section II, including obstacles in undertaking the assessment).</p>
<p>Indicators used in this assessment</p> <p><i>Indicator(s) used in this assessment</i></p> <p><Indicator(s) used> Please provide a list of indicators used for the assessment of this target</p> <p>or:</p> <p><input checked="" type="checkbox"/> No indicator used</p>
<p>Please describe any other tools or means used for assessing progress</p> <p><Text entry> Expert opinion</p>
<p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to this assessment can be found).</p> <p><Add link> <Add file></p>
<p>Level of confidence of the above assessment</p> <p><input type="checkbox"/> Based on comprehensive evidence</p> <p><input checked="" type="checkbox"/> Based on partial evidence</p> <p><input type="checkbox"/> Based on limited evidence</p>
<p>Please provide an explanation for the level of confidence indicated above.</p>
<p>Adequacy of monitoring information to support assessment</p> <p><input checked="" type="checkbox"/> Monitoring related to this target is adequate</p>

<input type="checkbox"/> Monitoring related to this target is partial (e.g. only covering part of the area or issue) <input type="checkbox"/> No monitoring system in place <input type="checkbox"/> Monitoring is not needed
<p>Please describe how the target is monitored and indicate whether there is a monitoring system in place</p> <p>The Target is part of the Forestry Department’s mandate and responsibility.</p> <p>Relevant websites, web links and files (Please use this field to indicate any relevant websites, web links or documents where additional information related to the monitoring system can be found)</p> <p><Add link> <Add file></p>

Section IV. Description of the national contribution to the achievement of each global Aichi Biodiversity Target

Using the template below, please describe your country’s contribution towards the achievement of each global Aichi Biodiversity Target. This template should be replicated for each of the Aichi Biodiversity Targets.

For Parties whose national targets are identical to the Aichi Biodiversity Targets, some of this information may be captured in sections II and III above. Please provide additional descriptions of your country’s national contribution to the achievement of each global Aichi Biodiversity Target.

<p>IV. Description of national contribution to the achievement of each global Aichi Biodiversity Target</p>
<p>Aichi Biodiversity Target 1, 2, 4, 7, and 19</p>
<p>Please describe how and to what extent your country has contributed to the achievement of this Aichi Biodiversity Target and summarize the evidence used to support this description:</p> <p><Text entry></p>
<p>Please describe other activities contributing to the achievement of the Aichi Biodiversity Target at the global level (optional)</p> <p><Text entry></p>
<p>Based on the description of your country’s contributions to the achievement of the Aichi Biodiversity Targets, please describe how and to what extent these contributions support the implementation of the 2030 Agenda for Sustainable Development and the Sustainable Development Goals:</p> <p><Text entry></p>

Section V. Description of the national contribution to the achievement of the targets of the Global Strategy for Plant Conservation (completion of this section is optional)

Using the template below, please describe your country’s contribution towards the achievement of the targets of the Global Strategy for Plant Conservation. This template should be replicated for each of the 16 targets of the Global Strategy for Plant Conservation.

V. Description of the national contribution to the achievement of the targets of the Global Strategy for Plant Conservation
<p>Does your country have national targets related to the GSPC Targets?</p> <p><input type="checkbox"/> Yes. Please provide details on the specific targets below:</p> <p><Text entry></p> <p>or:</p> <p><input type="checkbox"/> No, there are no related national targets</p>
<p>Please provide information on any active networks for plant conservation present in your country.</p> <p><Text entry></p>
<p>Please describe the major measures taken by your country for the implementation of the Global Strategy for Plant Conservation. (Parties can report on actions taken to implement these targets if they are not covered in sections II, III or IV)</p> <p><Text entry></p>
<p>Category of progress towards the target of the Global Strategy for Plant Conservation at the national level:</p> <p>GSPC Target 1, 2, 3...</p> <p><input type="checkbox"/> On track to achieve target at national level</p> <p><input type="checkbox"/> Progress towards target at national level but at an insufficient rate</p> <p><input type="checkbox"/> No significant change at national level</p> <p>Please explain the selection above:</p> <p><Text entry></p>
<p>Please describe how and to what extent your country has contributed to the achievement of this GSPC Target and summarize the evidence used to support this description:</p> <p><Text entry></p>

Section VI. Additional information on the contribution of indigenous peoples and local communities (completion of this section is optional)

Using the template below, please provide any additional information on the contribution of indigenous peoples and local communities to the achievement of the Aichi Biodiversity Targets if not captured in the sections above

VI. Additional information on the contribution of indigenous peoples and local communities to the achievement of the Aichi Biodiversity Targets if not captured in the sections above
<p>Please provide any additional information on the contribution of indigenous peoples and local communities to the achievement of the Aichi Biodiversity Targets if not captured in the sections above.</p> <p><Text entry></p>

Section VII. Updated biodiversity country profiles

Please review and update your country's biodiversity profile currently displayed on the clearing-house mechanism. Biodiversity country profiles provide an overview of information relevant to your country's implementation of the Convention.

VII. Updated biodiversity country profile (Please review and update the text currently displayed at <https://www.cbd.int/countries¹>)

Biodiversity facts

Status and trends of biodiversity, including benefits from biodiversity and ecosystem services and functions:

<Text provided for possible update>

Main pressures on and drivers of change to biodiversity (direct and indirect):

<Text provided for possible update>

Measures to enhance implementation of the Convention

Implementation of the NBSAP:

<Text provided for possible update>

Overall actions taken to contribute to the implementation of the Strategic Plan for Biodiversity 2011-2020:

<Text provided for possible update>

Support mechanisms for national implementation (legislation, funding, capacity-building, coordination, mainstreaming, etc.):

<Text provided for possible update>

Mechanisms for monitoring and reviewing implementation:

<Text provided for possible update>

¹ *Note:* If the online reporting tool is being used, the text of the current biodiversity profile will be displayed. A time stamp will be added to indicate the date when the update was published.