

2 The National Biodiversity Strategy and action plan, implementation status

2.1 National Biodiversity Strategy 2020

Article 6 of the CBD calls for the development of a national strategy for the conservation and sustainable use of biological diversity. Based on the information gathered within the preparation of the 4th CBD Report Liechtenstein has developed a national biodiversity strategy. During 2009 and 2010 representatives of the Government and NGOs held several workshops on that topic. The workshop results lead to the conclusion of a strategy until 2020 in order to conserve and to ensure a sustainable use of biodiversity in Liechtenstein. The strategy is based on one overall target, four sub-targets and 12 strategy elements:

Overall Target

The conservation and sustainable use of biodiversity is ensured.

Sub-targets

U1) We recognize biodiversity as core element for the conservation of nature, including food and livelihood, and take regard of its value and effects on nature.

U2) We ensure and support biodiversity by the legally binding designation of nature protection areas.

U3) We make use of our resources in a sustainable manner and under consideration of biodiversity targets.

U4) We take responsibility for our fair share of global biodiversity.

Strategy

Strategies to U1 - We recognize biodiversity as core element for the conservation of nature, including food and livelihood, and take regard of its value and effects on nature:

S1) We take responsibility with regard to biodiversity throughout all policy areas;

S2) we implement targets of biodiversity into planning- and steering processes of public and private actors;

S3) we conduct research and status assessments with regard to biodiversity and its effects on nature;

S4) we support capacity building with regard to biodiversity.

Strategies to U2 - We ensure and support biodiversity by the legally binding designation of nature protected areas:

S5) We conserve the most important habitats and species by designating nature protection areas;

S6) we conserve biodiversity and its effects on nature outside of nature protection areas by specific means of support;

S7) we support measures for the compensation of impacts on biodiversity caused by climate change.

Strategies to U3 - We make use of our resources in a sustainable manner and under consideration of biodiversity targets:

S8) We seek a high standard of life quality throughout the whole country's territory;

S9) we avoid losses of biodiversity through sustainable use activities in all economic areas;

S10) we deal with invasive species in an adequate way.

Strategies to U4 - We take responsibility for our fair share of global biodiversity:

S11) We support programmes and projects related to the conservation of biodiversity and its effects on nature within multilateral corporation;

S12) we support projects abroad that contribute to the conservation and sustainable use of biodiversity.

2.2 National Action Plan on Biodiversity 2020

Based on the National Biodiversity Strategy Liechtenstein developed a respective action plan during the UN Year of Biodiversity in 2010. The action plan links at least one measure (action) of implementation to respective elements of the National Biodiversity Strategy. The action plan also provides information on the competent authorities and the dates of intended implementation. The Biodiversity Strategy as well as the National Action Plan 2020 was passed by the Government in 2010.

Action Plan

Actions to S1 - we take responsibility with regard to biodiversity throughout all policy areas:

Action	Description	Responsibility	Time
A1-S1	Clarification of organisational structure within Liechtenstein's National Museum	Ministry for Infrastructure, Environment and Sport (MIU)	2010

Actions to S2 - we implement targets of biodiversity into planning- and steering processes of public and private actors:

Action	Description	Responsibility	Time
A1-S2	„Bauen mit Natur und Landschaft“, publication by the Office of Forests, Nature and Land Management (AWNL) (June)	Office of Environment (AU)	2010
A2-S2	Development of management plans considering potential mudflows and its corresponding infrastructure and biodiversity impacts	AU/ Office of Civil Protection (ABS)	- 2018

Actions to S3 - we conduct research and status assessments with regard to biodiversity and its effects on nature:

Action	Description	Responsibility	Time
A1-S3	Mammal inventory	AU	2011/12
A2-S3	Establishment of a comprehensive monitoring concept for long term biodiversity development (criteria, indicators)	AU	- 2012

Actions to S4 – we support capacity building of biodiversity:

Action	Description	Responsibility	Time
A1-S4	Open Day at Landesforstbetrieb (October)	AU	2010
A2-S4	Announcement of the UN Year of Biodiversity in April 2010 along with a digital exhibition about the habituated flora and fauna; introduction of the National Biodiversity Strategy 2020	AU/MIU/ Botanisch-Zoologische Gesellschaft (BZG)	2010
A3-S4	„Bauen mit Natur und Landschaft“ – excursions to several communities (practical project insights) – summer, spring 2010: nature greening of rooftops organized by LGU	AU/Liechtensteinische Gesellschaft für Umweltschutz (LGU)	2010
A4-S4	„Forest and Nature Protection“ – AWNL-publication (Nov. 2010)	AU	2010
A5-S4	Conclusion of UN Year of Biodiversity 2010 including topic related presentations (Dec. 2012)	AU	2010
A6-S4	Labeling/Signposting of designated nature protection areas	AU	2010/11
A7-S4	Organization of events with biodiversity related topics (hedge and forests maintenance, dry stone walls)	AU, NGOs	- 2020
A8-S4	Set-up of a website dealing with biodiversity, www.natur.li	AU	2010
A9-S4	Botanic excursion of the BZG, together with the Swiss Botanic Society	BZG	2010
A10-S4	Planting Plants Days in several kindergarden hosted by local forest services	Forest Services	2010
A11-S4	Capacity building for teachers	AU	2010
A12-S4	Excursions organized by AWNL	AU	2010

Actions to S5 - we conserve the most important habitats and species by designating nature protection areas:

Action	Description	Responsibility	Time
A1-S5	Designating the area of Bofel – Langwiesen (Triesen, Balzers) as nature protection area by law	AU	2010/11
A2-S5	Designation of wildlife areas and zones for winter rest of	AU/Liechtenstein	2010

	wild animals	Hunters	
A3-S5	Designation of the area Stauden (Gamprin, Ruggell) as nature protection area by law	AU	- 2013
A4-S5	Designation of further protection areas according to the Inventory of Nature Priority Areas	AU	- 2020
A5-S5	Implementation of the Inventory of Nature Priority Areas regarding biotope	AU	- 2015
A6-S5	Protection of the Mareewiesen (Vaduz) by City of Vaduz and Liechtenstein	AU/LGU	2010
A7-S5	Clarification of protection goals with regard to individual special forest areas and organization of implementation measures	AU	2010
A8-S5	Assessment of the effectiveness of measures that are intended to protect and maintain protected areas	AU	- 2018

Actions to S6 - we conserve biodiversity and its effects on nature outside of nature protected areas by specific means of support:

Action	Description	Responsibility	Time
A1-S6	Implementation of Inventory of Nature Priority Areas regarding natural monuments	AU	- 2012
A2-S6	Adaptation of Art. 2 Forest Act (forest definition) as basis of the ENL-concept	AU/MIU	2010
A3-S6	Implementation of ENL-concept, especially protection of networking links	AU	2010 - 20
A4-S6	Ongoing re-naturalisation of streams according to criteria of biodiversity	AU/ (ABS)	- 2020
A5-S6	Management of wild animal feeding program at Ställa-Schwabbrünnen	AU/Office of Construction and Infrastructure (ABI)	2010 - 12
A6-S6	Raising the protection status of the remaining commons and its conservation as park area	AU	- 2015

Actions to S7 - we support measures for the compensation of impacts on biodiversity caused by climate change:

Action	Description	Responsibility	Time
A1-S7	Showing the consequences of a temperature increase of 2 C° for the Liechtenstein forest and mountain areas and organisation of public discussions around appropriate	AU	- 2015

	adaptation measures		
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Actions to S8 - We seek a high standard of life quality throughout the whole country's territory:

Action	Description	Responsibility	Time
A1-S8	Conservation of free and natural landscapes and nature-oriented areas outside of settlement areas	Communities, Government, AU	- 2020

Action to S9 - we avoid losses of biodiversity through sustainable use activities in all economic areas:

Action	Description	Responsibility	Time
A1-S9	Support of regional products sales	AU/LGU	2010 -20

Actions to S10 - we deal with invasive species in an adequate way:

Action	Description	Responsibility	Time
A1-S11	„Das Schwarzwild kommt“ – public oral presentation	Silberner Bruch	2010
A2-S11	Development of a specific step-by-step approach with regard to activities related to <ul style="list-style-type: none"> - competencies/contact persons - early recognition - monitoring 	AU	- 2014

Actions to S11 - We support programmes and projects related to the conservation of biodiversity and its effects on nature within multilateral corporation:

Action	Description	Responsibility	Time
A1-S13	Cross-border corporation with respect to the conservation of the moorlands between Ruggell and the Ill outlet	AU	- 2020
A2-S13	Egelsee	AU/ABS	2010

Actions to S12 we support projects abroad which support biodiversity.

Action	Description	Responsibility	Time
A1-S14	The Government together with the Liechtenstein	Office for Foreign	2020

	Development Service (LED) provide development aid and therefore contribute to a sustainable use of biodiversity	Affairs /LED	
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