



Forest reserve project in the Napf Region

A forest reserve project in the Napf Region will eliminate all wood utilisation on a 27-hectare area of forest for a period of 50 years. As well as promoting local diversity, this will significantly increase biomass reserves and thus the amount of stored CO₂.

PROJECT DESCRIPTION

During the course of their life, trees absorb CO₂ from the atmosphere and store it in their biomass. They are therefore among the most important CO₂ accumulators on the planet. The local forest makes an important contribution towards climate protection in Switzerland. Deforestation and wood burning cause CO₂ to be released into the atmosphere again.

Forest reserve projects are of great value to the environment and, according to cantonal guidelines, should be initiated more often. However, without the money from the sale of CO₂ certificates, such projects are often not worthwhile. Income from CO₂ certificates is therefore a decisive factor in the creation of forest reserves in Switzerland.

The project in the Napf Region in the canton of Bern will eliminate all wood utilisation on a 27-hectare area of land for at least 50 years.

Since the project removes existing carbon emissions from the atmosphere rather than reducing CO₂ emissions, it is classed as a reduction project. In international climate policy, reduction projects are seen as essential for achieving the climate targets by 2050.

Project type: Forest reserve project

Emission reduction: 10,800 t CO₂ is stored in living trees.

Project standard: The project was developed in accordance with the ISO 14064-2 method and validated by TÜV NORD. Publicly released in November 2019



Location: The forest concerned is in the Napf Region in the Swiss canton of Bern.



On the protected woodland in the Napf Region, 10,800 tonnes of CO₂ is stored in the biomass of living trees. But this is not the only climate advantage. Approximately the same amount of CO₂ is also stored in the soil, the roots and the tree stumps. However, this additionally avoided amount is not taken into account in the project, as the calculation of the CO₂ avoidance is conservative.

In addition to the storage of CO₂, the project will also bring numerous benefits for the local flora and fauna.



ENVIRONMENTAL ASPECTS

The reserve project puts biodiversity ahead of peoples' interests in the forest. The forest provides a home for a growing number of protected and endangered animal and plant species and supports the magnificent diversity of plant and animal life in Switzerland's forests. The reserve gives the animals more retreat space.

Plant species also benefit from the natural ecosystem. More than 90 percent of areas that would be suitable for orchids have been lost in Switzerland in the last 70 years. Among other things, the project will create better conditions for rare and protected orchid species, which will help them to spread and survive.

SOCIAL AND ECONOMIC BENEFITS

In addition to serving the interests of the environment, plants and animals, the forest reserve area also offers the surrounding communities a natural recreational area and helps to raise awareness of exemplary, climate-friendly behaviour among the local and regional population.

Would you like to support the Napf Region forest reserve project by purchasing certificates?

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Communication material

- Factsheet
- High resolution photos

Guaranteed Swiss Climate quality for credible carbon offsetting

- High project standard (Swiss quality standard)
- Guaranteed additional CO₂ reduction (additionality)
- External validation and verification
- Social and economic benefits
- Complete transparency due to audited retirement of credits