



23.685

SAVED EMISSIONS
TONS CO2 EQ /YEAR



Sustainable Forest Conversion in the 'Luckaitztal' Forest

 Germany, Brandenburg

Sustainable Forest Conversion in the 'Luckaitztal' Forest

Together, we are transforming 500 hectares of monocultures into a biodiverse and climate-resilient mixed forest, in Germany

The climate protection project 'Luckaitz Valley' aims to create a climate-resilient forest by implementing measures such as planting diverse, climate-resistant tree species, promoting natural regeneration, and implementing wildlife management to prevent damage caused by wildlife. As a result, the Luckaitz Valley climate protection project reduces CO2 emissions by lowering the climate risk of the forest and additionally sequesters CO2 from the atmosphere by increasing the structural diversity of the forest.

The forest conversion measures implemented in the Luckaitz Valley project are crucial for the health and stability of the ecosystem. The project

aims to increase biodiversity by 470% and introduce six additional tree species.

The project ensures a sustainable ecosystem for the future. Studies show that approximately 90% of people enjoy being in the forest as they serve as places of relaxation. Pina Earth ensures that forests remain resilient for the future, allowing us all to continue enjoying them.

[For more information please click here.](#)

Overview of the project data:



Sustainable Forest Conversion in the 'Luckaitztal' Forest

The project contributes to the following sustainability goals:



Good Health and Well-being:

With our project, we ensure the long-term stabilization of the forest, thereby contributing to securing high air quality and achieving Sustainable Development Goal 3.9 of the United Nations, which aims to reduce air pollution.



Quality Education:

Through personal consultations with forest owners, customers, and business partners, Pina Earth raises awareness about the risks facing the sustainability of German forests while simultaneously offering solutions to address these challenges.



Clean Water and Sanitation:

The forest conversion project promotes the transformation of mixed forests, actively contributing to the achievement of SDG 6, as mixed forests with a high proportion of deciduous trees have a particularly pronounced water protection and storage function.



Sustainable Consumption and Production:

Wood, as a renewable resource, has the potential to replace climate-damaging construction materials such as cement in the long run. This is particularly true if the wood is sourced sustainably from climate-resilient forests, as is the case with this project.



Climate Action:

In addition to their role as recreational areas, forests also serve as vast carbon sinks, making a significant contribution to climate protection. In Germany alone, forests and forestry activities annually remove more than 120 million tons of CO₂ from the atmosphere.



Life on Land:

Intact terrestrial ecosystems are crucial for our health and for economic and social stability. Forests are an important ecosystem, and this project actively contributes to the sustainable management of forests and prepares them for future challenges.