PROJECTS ON BIODIVERSITY FRIENDLY COFFEE

Improving biodiversity in coffee landscapes

4C Services GmbH
The importance of biodiversity has become increasingly relevant in recent decades, and its loss has become one of the greatest challenges of our time, especially for the agricultural sector. Intensive agriculture is one of the main drivers of ecosystem destruction, over-exploitation of natural resources and pollution. This is no exception when it comes to coffee cultivation, which despite playing a key role in sustaining millions of people worldwide, is also one of the sources of threat to biodiversity in several countries. Enhancing biodiversity performance not only serves to protect nature but is the basis for sustainable, successful and climate change resilient coffee production.

Around 36 areas on the planet have been declared Biodiversity Hotspots for being biologically rich and deeply threatened. They concentrate around the equator where also the main global coffee producer areas are found:

WORKING TOWARDS BIODIVERSITY FRIENDLY COFFEE

4C SERVICES GMBH

The biological variety and variability of life on Earth is a major factor in nature's resilience.

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As a member of the Food for Biodiversity (FfB) Initiative, 4C contributes to biodiversity-friendly conditions on coffee farms.

With the application of the Biodiversity Performance Tool (BPT) on certified coffee plantations in Vietnam, 4C has successfully implemented its first pilot project. This tool applies a comprehensive set of biodiversity criteria developed within the FfB Initiative.

improving biodiversity levels not only has positive effects for the environment, but is also the key to sustainable, successful and climate change resilient coffee production
Good management and agricultural practices implemented
No use of hazardous chemical inputs
Soil conservation and carbon stock in soil increased
Water conservation
Increased natural and semi-natural habitats in coffee farms
Supported long-term profitability
Verifiable baseline of biodiversity status
Enhanced Climate Change resilience

EXPECTED RESULTS

- Improvement measures are proposed and recommended by considering production condition of farmers
- Smallholders are recommended with affordable measures
- Solutions are promoted for individual farm level to group action at landscape level
- Effective management of group of farmers with application of developed technology (e.g., remote sensing, digital tools for farm management or traceability)
- Partnership is promoted via engagement of public, private and civil society sectors for long lasting changes (or more specific: local authorities, NGOs and enterprises)

Provide practical solutions where:

If you are interested in participating in a tailored project with 4C to promote biodiversity friendly practices on coffee plantations contact us via info@4c-services.org

4C IS A GLOBAL LEADING COFFEE CERTIFICATION SCHEME which applies strict requirements on economic, social and environmental conditions for coffee production and processing, aiming to establish sustainable, trustworthy and fair coffee supply chains