



Industrie Service

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Add value.**

Validation, Verification and Certification of Forestry Based Carbon Offset Projects

A Product Information Sheet by the Environmental Engineering Business Area

In line with the general requirements for climate change projects, forestry activities need to demonstrate measurable and additional carbon effects. Eligible forestry activities may vary between the standards of, say, project-based mechanisms under the Kyoto Protocol or other emerging emissions trading or voluntary schemes. As a matter of principle, the project cycle of the relevant scheme also applies to afforestation and reforestation projects.

Our services

TÜV SÜD and its Carbon Management Services unit have been providing validation, verification and certification services for climate change projects since 2000. Backed by the experience from auditing hundreds of projects, TÜV SÜD is among the market leaders in initial project validation and subsequent verification or certification of achieved carbon effects. TÜV SÜD was the first organisation to be accredited by UNFCCC for forestry based carbon offset projects. In line with the scheduled use of forest carbon credits, our experts provide

the following services within the scope of the relevant scheme:

Kyoto Protocol

- Auditing of afforestation and reforestation (AR) projects in developing countries according to the modalities of the Clean Development Mechanism (CDM). Several AR-CDM projects have already been validated by TÜV SÜD.
- Auditing of afforestation and reforestation (AR) projects as well as other forest management projects in industrialised countries according to the requirements of the Joint Implementation (JI) mechanism.

Other emissions trading schemes

Other emissions trading schemes have emerged in the USA in particular. These also include the option of accounting for forestry measures. TÜV SÜD has been accredited for various schemes, including the Chicago Climate Exchange (CCX) and offers validation, verification and certification services for these schemes.



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www.tuev-sued.com/climatechange

Voluntary schemes

Developers or hosts of forestry projects can also opt for voluntary and independent assessment of the carbon benefits aimed at or achieved. Corresponding carbon credits are used by companies and organisations, for example, to set their activities and services carbon-neutral. In this context, we offer the following services:

- Auditing of forestry and land use based projects according to the VCS standard and the corresponding guidelines (see www.v-c-s.org)
- Auditing of VER+ projects in the field of forestry (reforestation, forest management, conservation). Similarly to VCS a buffer approach is chosen in order to compensate the risk of non-permanence. Carbon credits are issued by TÜV SÜD and can be managed in our in-house database „BlueRegistry“ (www.blue-registry.com)
- Climate Community and Biodiversity Alliance (CCBA) – auditing of forestry carbon offset projects focusing on biodiversity and sustainable community development. Project audits are carried out according to CCBA standards (see www.climate-standards.org). The CCBA standard is frequently used as an add-on to full carbon verification standards.

Based on this selection of standards, TÜV SÜD offers the optimum approach for your specific project conditions.

Your benefits

- ▶ You benefit from the expertise of an experienced partner in the field of forestry projects.
- ▶ You generate tradable certificates based on reliable reports and transparent audit processes.
- ▶ The excellent reputation of TÜV SÜD contributes to project success and underlines the credibility and value of your carbon credits.

Call us! We will be happy to offer expert advice.

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