

# TÜV NORD CERT – Validation, Verification and Certification of JI/CDM Projects

Facing the serious consequences of global warming, climate change has emerged as a real global challenge. In the Kyoto Protocol, 182 countries agreed on a global reduction of emissions of greenhouse gases of 5.2% compared to 1990 in the period 2008 to 2012.

To make this more flexible, the Kyoto Protocol has introduced emission trading and the so-called project-based mechanisms.

The project-based flexible mechanisms of the Kyoto Protocol, “Joint Implementation” (JI) and “Clean Development Mechanism” (CDM) provide for transferable credits derived from greenhouse gas emission reduction projects.

These schemes are an inducement for industrialised countries, organisations or companies to invest in cost-efficient reduction projects in developed countries (under JI) as well as in developing countries (under CDM).

Credits are issued in the form of CERs (Certified Emission Reductions) under the CDM or as ERUs (Emission Reduction Units) under JI. These credits can be used either to fulfil the sponsor parties’ commitments or can be offered for sale.

To qualify a project activity as a JI or CDM project the United Nations (UNFCCC) requires an independent assessment by an accredited third party. As an accredited designated operational entity (DOE), TÜV NORD is allowed to carry out such independent evaluations in the form of validations and verifications or certifications.

## Validation

Validation is an ex ante assessment of a greenhouse gas emission reduction project activity. Within this validation it is assessed whether the project design fulfils the JI/CDM requirements and is able to generate valuable credits. During the validation the operational entity, like TÜV NORD CERT GmbH, will analyse the project design document (PDD) and other associated documents and information. Positive validation is a prerequisite for the registration of the project.

### Verification/Certification

The verification is a periodic review to determine the actual emission reductions of the JI/CDM project activity. Continued compliance with the criteria defined under the Kyoto Protocol is also verified.

Following successful project verification, TÜV NORD will determine and forward the recommendation of achieved emission reductions for issuance (CER).

### Our know-how for your success

TÜV NORD CERT is a well-established and reliable partner for inspection and certification services. Our experts and auditors have extensive knowledge based on experience and are generally permanently employed by TÜV NORD. This guarantees independence and neutrality, and also means we can offer continuity in supporting our clients. The benefit to you is clear: our auditors accompany and support the development of your company and provide you with objective feedback.

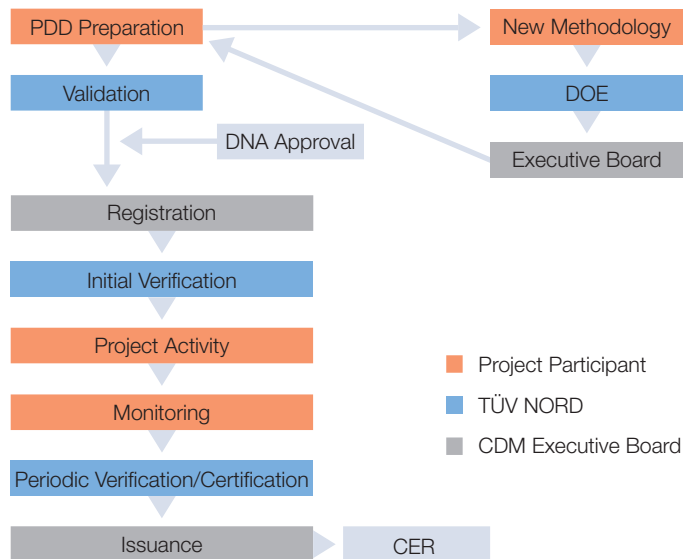
As an UNFCCC-accredited Designated Operational Entity (DOE) we are:

- Competent, with broad expertise, neutral and independent
- International, with locations throughout the world
- Your partner, thanks to customer orientation

TÜV NORD CERT has achieved and advanced DOE status for most validation and verification scopes. Thus, we provide service throughout the entire JI/CDM project cycle, i. e., starting from new methodologies submission (including preassessment), validation and recurrent verification/certification.

Over the last years, TÜV NORD CERT has been particularly active in Europe, Brazil, India, China, South East Asia and Africa. In all, more than 600 JI/CDM projects have been handled to date. We are also active in a formal verification role in the European Union Emission Trading Scheme (EU ETS).

### Project cycle



### Are you interested?

Please send us your response by fax.

We are looking forward to hearing from you.

Yes, I am interested in validation, verification and certification of JI/CDM projects. Please contact me.

Sender (Please use block capitals)

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