

## Validation and verification of upstream emission reductions according to UERV



### Background

Climate change is one of the greatest challenges in the coming decades. It has multiple impacts on people, nature and the economy. In order to counteract climate change and to meet national and EU requirements for the reduction of greenhouse gas emissions, a wide range of initiatives have been developed.

The ordinance on the crediting of upstream emission reductions towards the greenhouse gas quota enables companies that place liquid fuels on the market in Germany to meet their greenhouse gas reduction quota with up to 1.2 percent through upstream emission reductions as of the 2020 commitment year. UER projects can be carried out anywhere in the world, but must not overlap with the EU Emissions Trading Scheme (ETS) or be supported by government subsidies at the German location.

UER projects must be validated by an accredited certification body and verified after implementation.

### UERV projects

The UERV serves to implement Directive (EU) 2015/652 (implementing measures for the Fuel Quality Directive). This concerns greenhouse gas reductions achieved in projects before raw materials for petrol, diesel and LPG fuel enter a refinery or storage facility.

Typical projects for upstream emission reductions are:

- ▶ Flaring of associated gases during the production of crude oil
- ▶ Energy efficiency projects in oil production
- ▶ Use of renewable energies in the production of crude oil
- ▶ Traffic shift for the transport of crude oil (e.g. truck to pipe)
- ▶ Efficiency improvements in international crude oil shipping

Under current German law, the greenhouse gas reduction obligation as well as the crediting option for upstream emission reductions continue to exist beyond 2020.



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# Important information

## GUTcert as validation and verification body

GUTcert is registered as a validation and verification body by the German Federal Environment Agency in accordance with Section 33 (1) of the Upstream Emissions Reduction Ordinance (UERV). We are one of the leading European verification bodies in emissions trading and are registered with the DAkkS with full industry accreditation.

With many years of experience, we verify, among other things, emission reports of all industries with stationary plants, in aviation and also in the MRV system (Measuring, Reporting and Verification) of shipping. GUTcert is also an accredited certifier according to ISCC EU and REDcert EU for compliance with the sustainability requirements for the production of biofuels according to EU Directive 2009/28/EC.

## Your benefits

Our clients benefit from experienced auditors from the areas of Clean Development Mechanism and emissions trading. GUTcert ensures efficient and result-oriented audits as well as close communication and a clearly structured process by our team of experts. Our audit reports are characterised by their informative value and clarity.

## Expenditure

You would like to implement UERV projects? We will be happy to provide you with an individual offer for your project or answer any questions you may have. Our offers are individually tailored to your needs and do not contain any "small print". As a subsidiary of the AFNOR Group, we offer our services worldwide.



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