

# Well-tested methodology

For implementation, verification and certification of the mitigation activities NACAG uses the existing standards and procedures of the Kyoto Protocol's **Clean Development Mechanism (CDM)** and the resulting Certified Emission Reductions (CERs). All **emission reduction certificates generated** in the course of the initiative will be cancelled and hence not be used to fulfill any reduction commitments.

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On behalf of:



Federal Ministry  
for the Environment, Nature Conservation  
and Nuclear Safety

Combatting climate change by  
incentivizing the transformation of the  
nitric acid sector

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## The Nitric Acid Climate Action Group (NACAG)

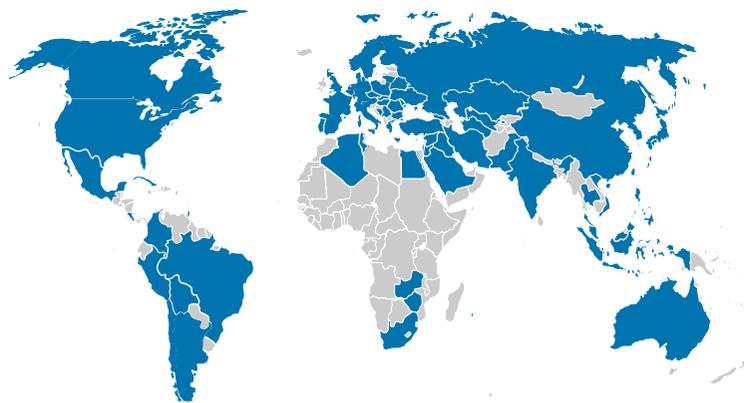
In a new effort to ramp up climate change mitigation efforts, the **German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU)** has launched the **Nitric Acid Climate Action Group (NACAG)**. This global action group is **targeting nitrous oxide (N<sub>2</sub>O) emissions** from the production of nitric acid.

Nitrous oxide is a very potent greenhouse gas. One of the main sources of N<sub>2</sub>O emissions is the production of nitric acid which is predominantly used for producing artificial fertilizer.

NACAG's objective is to incentivize the installation of **effective N<sub>2</sub>O abatement technology in every nitric acid plant worldwide**. In this way, NACAG aims at promoting the **long-term transformation of the global nitric acid sector**.

NACAG is offering **technical support** and advice with respect to the implementation of N<sub>2</sub>O abatement to all governments and plant operators. Provided that partner country governments enter into a **political commitment to take mitigation into their own hands**, the initiative also offers **financial support**.

NACAG's approach is embedded in the **Paris Climate Regime**, under which all countries are to contribute to climate change mitigation efforts and develop so-called **Nationally Determined Contributions (NDCs)** and developed countries are to provide climate finance to assist developing countries in achieving their NDCs. Against this backdrop, NACAG is encouraging countries to take up the abatement of N<sub>2</sub>O in their NDCs and thereby exploit the very **cost-efficient mitigation potential** found in the nitric acid sector.



Global overview of nitric acid producing countries  
Number of nitric acid plants worldwide: ca. 580



NACAG is funded by the **International Climate Initiative (IKI)** of the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU).

The **Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH** is assigned to run the **NACAG's Technical Support Unit**. Based in Berlin, the Technical Support Unit is providing advice to governments and plant operators in terms of political and technological aspects of N<sub>2</sub>O abatement, and is attending to stakeholder and knowledge management. It is the primary point of contact for governments, institutions and companies willing to support NACAG's objectives.

Several stakeholders have already joined the initiative. All governments, plant operators and further international donors are **encouraged to become part of this global action group** and in doing so contribute to sustainable climate change mitigation.

**NACAG** Nitric Acid  
Climate Action Group