

NACAG Nitric Acid Climate Action Group

Impact Report 2024

What do we do?

NACAG provides financial, technical, and policy support to reduce N₂O emissions in nitric acid production:

Financial Support provided for technology procurement in ODA countries, conditional on commitments to permanent emission reductions by the receiving countries.

Technical Advisory on installation, operation, and maintenance of abatement tech, with feasibility evaluations, recommendations, and training for local personnel.

Policy & Structural Support to assist governments in integrating abatement into national policies, establishing sustainable emission reduction structures and Monitoring, Reporting, and Verification (MRV) systems.

Financed by:



Budget: 50 M€

Key achievements until 2024



11 countries committed to long-term low-carbon nitric acid production.



11 grant agreements signed for purchasing emission reduction technology.



9 companies as main technology suppliers, driving a global market for climate protection tech.



17 technical studies, 15 due diligence reviews, 9 policy advice studies completed in 15 countries.



10 plant operators actively engaged in N₂O reduction.



600.000 tons of CO_{2eq} indirectly reduced.



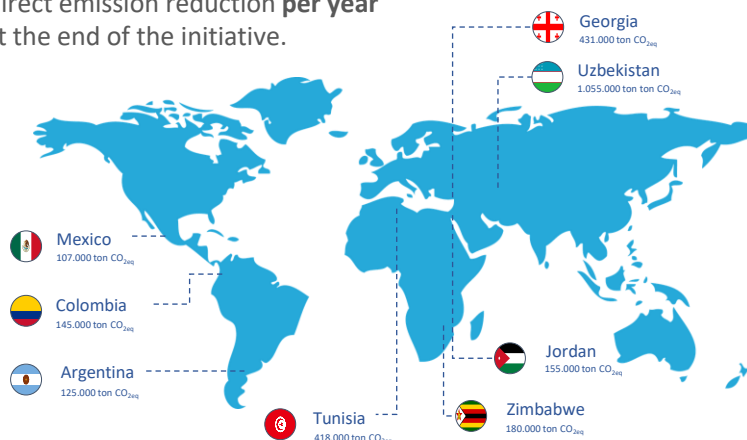
10 Nationally Determined Contributions (NDCs) now include the nitric acid sector (mitigation of 5 million tons CO_{2eq}/y).



1.600+ people trained on N₂O abatement, MRV systems, and international environmental standards.

Projected impact

Direct emission reduction **per year** at the end of the initiative.



2.6 million tons CO_{2eq} emissions directly reduced annually.

Comparable to emissions from 2 million round-trip flights between Europe and North America.

6 million tons of CO_{2eq} emissions indirectly reduced annually (beyond the project life-time).

4 million tons fertiliser produced annually with a lower carbon footprint using nitric acid as raw material.

2 times the annual fertilizer consumption of Germany and 30% of the consumption of the EU.