

This project is part of the International Climate Initiative (IKI). The German Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB) supports this initiative on the basis of a decision by the German Bundestag (Parliament).

# MRV CAPACITY DEVELOPMENT PROJECT - TURKEY



## PROJECT DESCRIPTION

**Title:** Capacity development for the implementation of a monitoring, reporting and verification system (MRV) for greenhouse gas emissions in Turkey  
**Partner Ministry:** Ministry of Environment and Urbanization of the Republic of Turkey  
**Implemented by:** Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH  
**Overall term:** 2013 to 2021

## CONTEXT

The overall objective of this project is to set up the whole infrastructure of a monitoring, reporting and verification system (MRV) for the greenhouse gas (GHG) emissions of the Turkish industry. This MRV system delivers data of the Turkish GHG emissions which can be used as the basis for future mitigation activities such as the introduction of carbon pricing measures, such as an emission trading system (ETS).  
Sector-specific MRV guidelines for the industry and additional legal frameworks for MRV were developed. As part of the project, specialists working in public institutions and industrial sectors were provided with training seminars on monitoring, reporting and verification of GHG emissions. The project can be replicated in other countries that do not have an MRV system yet in place.  
Furthermore, MRV prerequisites are established for aviation sector in a technical sense as well as with regard to the capacities of involved actors. Turkish MRV actors will fulfill EU ETS requirements and the quality of emissions data and the quality of emissions data in the existing successful MRV system will be enhanced. Benchmark options will be developed for selected potential ETS sectors.

## OBJECTIVE

1. The Ministry of Environment and Urbanization of the Republic of Turkey collects information on and manages GHG emissions using a data management system
2. Sector-specific MRV guidelines for emissions-producing branches of industry and additional legal frameworks for MRV are implemented
3. Relevant actors take responsibility for the sectoral MRV system processes
4. Contributions are made to policies on GHG mitigation measures, such as emissions trading systems
5. Dissemination of experience on developing an MRV system within the Economic Cooperation Organization (ECO) Region
6. MRV prerequisites are established for one additional sector (aviation) in a technical sense as well as with regard to the capacities of involved actors
7. Turkish MRV actors fulfill EU ETS requirements
8. Development of benchmarks for potential ETS sectors

