

International Climate Initiative

Climate Partnerships with the Private Sector: Energy-efficiency in the construction sector

Despite governmental efforts to reduce energy consumption in the Turkish construction sector since the 1990s, especially with regard to heating and cooling systems, the vast majority of buildings in Turkey are little efficient. Awareness of the potential of sustainable construction and energy-efficient buildings is low among investors and builders as well as architects and civil engineers. Due to the lack of demand, there are hardly any examples or experts for the planning of new buildings or energy-efficient renovation of existing ones.

The climate partnership aims to promote sustainable construction in Turkey by establishing consulting capacities and certification systems and certifying ten exemplary buildings according to the comprehensive sustainability standard of the German Sustainable Building Association (DGNB). New and existing office buildings and shopping centers will be certified by experienced international auditors and 60 participants as part of a comprehensive auditor training program. In addition, an institutional implementation of the topic of energy-efficient buildings and sustainable construction is ensured by setting up a Turkish DGNB branch and cooperating with two technical universities.

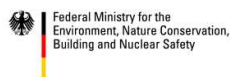
Both the trainers and the various players in the Turkish construction industry benefit from this capacity building. The dissemination of the DGNB standard creates the basis for putting energy savings in the building sector on the national agenda. At the same time, the expertise required for the implementation is created by trained auditors and reference buildings.

The growing Turkish construction sector offers enormous potential for climate protection through the more extensive use of energy-efficient construction methods and sustainable construction materials. Those enable both local and global positive effects for the environment.

This project is financed by the International Climate Initiative of the Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB).

Country:	Turkey
Implementation:	DEG - Deutsche Investitions- und Entwicklungsgesellschaft mbH, Cologne
Private sector partner:	SGS Austria Controll-Co. GmbH, Vienna
Total project costs:	€ 397,739
BMUB-funding:	€ 190,915
Project duration:	03/2015 – 02/2017

Supported by:



INTERNATIONAL CLIMATE INITIATIVE (IKI)



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based on a decision of the German Bundestag