

## EXPERT COMMENTARY

Climate change and global warming are the main problems for each country in the world that must be dealt with primarily. Standards are regarded as the most important and competent instruments for this purpose.

Since they are created by different parties with consensus and a voluntary approach, standards offer objective and scientific perspectives on the issue of climate action. To that end, various actions have been taken place by different bodies around the world, and Turkey did not ignore this with both governmental and non-governmental organizations taking action.

As a country with considerable energy requirements and emission rates, Turkey places emphasis on international standards related to climate action. The Turkish Standards Institution (Türk Standardları Enstitüsü, TSE), the sole authorized body for standardization in Turkey, adapted many ISO standards directly related to climate change and the Sustainable Development Goals (SDGs).

By way of example, the TS EN ISO 14064 standard series is implemented for the purposes of greenhouse gas emission certification. In 2014, a regulation on the monitoring of greenhouse gas emissions was issued by the Turkish Government, and TSE began greenhouse gas emission certification. With respect to greenhouse gas emissions, many companies in Turkey are now certified by TSE, and the number increases every year.

In addition, the Turkish Standards Institution (TSE) launched the Green Airport/Green Company and Green Port/Eco Port projects. These activities seek to mitigate the negative environmental impact of activities in airports and harbours and further reduce the effects of greenhouse gas emissions. The conformity assessment procedure in each of these projects is based on international standards.

On the other hand, forests play a very important role as part of climate action and many areas. For this purpose, there are many organizations that protect local and global forests, and the Turkish Standards Institution (TSE) is considering membership of a forest certification system, such as the Programme for the Endorsement of Forest Certification (PEFC).

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