



Climate action kit

Case study

13 CLIMATE ACTION



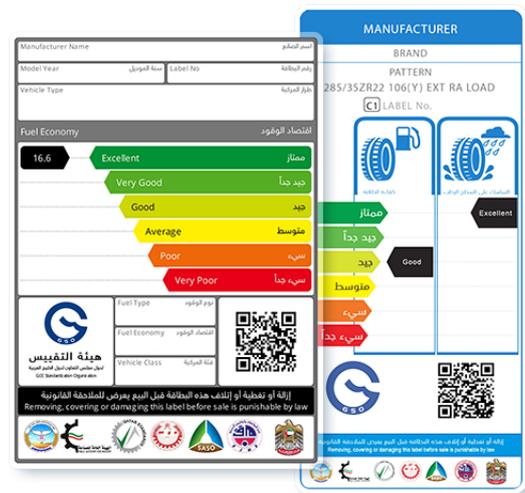
GSO countries

GSO contribution to carbon foot-print reduction

Standards encompass practical guidelines for real-time action to a cleaner, more sustainable future. Therefore, GSO issued several Gulf standards and technical regulations in relevant sectors. For example, numerous Gulf standards limit permissible pollutants to reduce carbon emissions from motor vehicles. Their implementation is verified through the Gulf Conformity Certificates System. The review and updating cycle of Gulf standards for tiers and fuel (gasoline and diesel) continues to raise vehicle efficiency in addition to reducing carbon emissions.

GSO also introduced fuel efficiency labels for new vehicles and tyres exported to GCC countries to encourage the public use of more efficient vehicles and tyres with a lower carbon footprint.

Recently GSO launched an electronic Gulf fuel efficiency platform and an application for smart devices to facilitate end-user access of information to make appropriate decisions.



The platform offers a large quantity of data depicting how to fulfill Gulf requirements of fuel consumption. It contains comparisons between the fuel consumption of different types of vehicles and serves as a guide to consumers to assist them in choosing the most fuel-efficient vehicles. In this way it contributes directly to the conservation of oil resources, whilst preserving the environment and maintaining health as an outcome driven by the reduction of fossil fuel use. Fuel-economy platform link www.gso.org.sa/cc/mv-fuel-economy-guide

Another example is the implementation of energy efficiency programs. GSO published standards and regulations for minimum energy efficiency performance requirements for electrical appliances. The aim is to compel the use of more energy efficient appliances to reduce emissions. The availability of international standards from IEC and ISO enabled GSO to easily publish such standards and adopt test methods from those international standards.

Other facets of GSO contribution include: the development of standards projects for Terrestrial Radio Receiver Specifications for AM/FM/T-DAB+ Viz. transition into DAB+ broadcasting stations. This approach will drastically reduce power consumption, resulting in a carbon emissions reduction: GSO has also prepared technical regulations for electric vehicles and fuel cells vehicles.

Correspondingly, GSO formed a Technical Committee for Renewable Energy and Power Storage Technologies (GSO/TC13), aiming to study and adopt international standards published by IEC TC 82: Solar photovoltaic energy systems, IEC TC 88: Wind energy generation systems, and ISO TC 180 Solar energy. GSO/TC13 adopted 33 international standards which are implemented nationally by all GCC member states.

