



# Transport Emission Reduction Certificate

TERC is a tradable digital certificate representing the full life cycle greenhouse gas emissions of low-carbon fuels.

## THE MISSION

Transport Emission Reduction Certificates (TERCs) offer buyers the ability to achieve corporate sustainability goals while supporting deployment of low-carbon fuels in the U.S. The program incentivizes alternative, non-fossil fuel producers to lower the carbon intensity of their product and provide credible claims of carbon reduction to buyers.

## HOW TERCS ARE MEASURED

Independent engineering reports score the lifecycle carbon footprint of eligible alternative fuel volumes. This score is compared alongside a decreasing annual carbon intensity baseline. The resulting difference is reflected as a total volume of CO<sub>2</sub>e reduced. Inspired by low carbon fuel standards (LCFS), TERCs leverage well-known verification methodologies to offer unique certificates to the voluntary market.

27%

Total US GHG Emissions  
from Transportation<sup>[1]</sup>

1 METRIC TON

CO<sub>2</sub>e Reduction  
Represented by one TERC

112 GALLONS

Gasoline  
Counterbalanced by  
1 TERC <sup>[1]</sup>

# WHAT IS A LOW CARBON FUEL STANDARD?

LCFS programs are mandated at either a national, regional or subnational level and are designed to reduce GHG emissions in the future below a certain level. They are typically agnostic and obligate certain parties (usually fossil-fuel blenders, producers or importers) to purchase certificates from low-carbon, alternative fuels (such as ethanol, biodiesel, biomethane, etc). These programs have proven successful at decarbonizing the fuel mix in many regions.

## WHAT MAKES TERC DIFFERENT?

State and national mandated LCFS programs are proven effective at lowering emissions, but only obligated parties are required to participate. The TERC program allows low-carbon, renewable fuel producers to voluntarily create standardized and transparent certificates verifying greenhouse gas (GHG) reductions. TERC buyers gain the ability to claim reductions and mitigate the environmental impact from the fuels they use regularly.

## ADVANTAGES



Promotes sustainability throughout the supply chain including hard-to-abate Scope 3 emissions



Provides the certificate holder a solution to make claims against hard-to-abate emissions



Incentivizes alternative fuel producers to innovate ways to lower the carbon intensity of fuel

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Transport  
Emission  
Reduction  
Certificate

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