

REDUCING EMISSIONS WITH TRUCKS POWERED BY NATURAL GAS

This sustainability story is one of many that shows how Olin products, technologies, ideas, and people are having a positive impact on our world.

SUSTAINABILITY CHALLENGE

- Olin is the leading global manufacturer of membrane Caustic Soda, used for water and wastewater treatment, food processing, textiles, or soap.
- In Brazil, this product requires road transport to serve our local customers.
- The trucks used for transportation emit CO₂, impacting the environment.

POSITIVE IMPACT

- The increased load capacity per truck helps reduce the number of trips by 13% annually.
- Switching to natural gas-powered vehicles results in a 9% reduction in carbon emissions, saving more than 63 MT of CO₂ every year.
- Nitrogen dioxide (NO₂) emissions are lowered by 5%.

OLIN'S SOLUTION

- Olin now uses eight vehicles powered by natural gas, replacing the current diesel vehicles for caustic delivery.
- The trucks were extended to 4-axle trailers with greater load capacity.



DID YOU KNOW?

The 63 MT of CO₂ emissions Olin saves is equivalent to the amount 5,000 trees may absorb each year.