

NEW SUPPLY ROUTES SAVING CARBON EMISSIONS IN LATIN AMERICA

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

- On the west-coast of South America, Olin Epoxy customers were supplied exclusively with containerships coming from the USA through Panama Canal, shipping on a sea route of 7,725 Kilometers (Km)
- Shipping congestion and uncertainty about global container supply increased the total transit time and logistics costs, also reducing competitiveness against other suppliers

OLIN'S SOLUTION

- Olin teams established a direct and reliable intermodal connection by short-sea shipping between the Olin Guaruja Plant, Brazil, and main destinations along the west coast of South America including Chile, Peru, and Ecuador.
- Olin also selected short-sea shipping companies in Brazil which are testing a new marine vessel (named B7) with ~7% biodiesel which reduces the total carbon footprint up to 0,196 Kg CO₂ per liter.

POSITIVE IMPACT

- This 6,510 Km strategic sea route through the Strait of Magellan avoids 4,050 Kg of CO₂ annually and reduces transit time by 21 days.
- Additionally, each container shipped through this new supply route operating with biodiesel B7 also contributes an extra reduction of 43,5 Kg CO₂ emissions, leading to an annual saving of more than 1.3 MT of CO₂.



DID YOU KNOW?

Brazil is the second world largest green fuels producer focused on ethanol from sugar cane and biodiesel with distinct productive processes from castor bean, soybean, peanuts, cotton, palm, sunflower and jatropha.