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CARBON FOOTPRINT DECLARATION

Waste generated within the reinforcement steel manufacturing processes is estimated to be between 2% – 8%. Directors Gary & Terry Lydon of Lydon Steel are on a mission to reduce the company's footprint.

Carbon footprint generated of steel is 1.4 tons per produced ton of steel according to IEA and 1.85 according to Mckinsey and the World Steel Association. This is a weighted average between the two main production methods for steel in the world.

Blast Furnace-Basic Oxygen Furnace (BF-BOF) and the Electric Arc Furnace (EAF) - which uses 105% recycled steel, often referred to as the 'primary' and 'secondary' paths with a CO2 footprint of the two methods are:

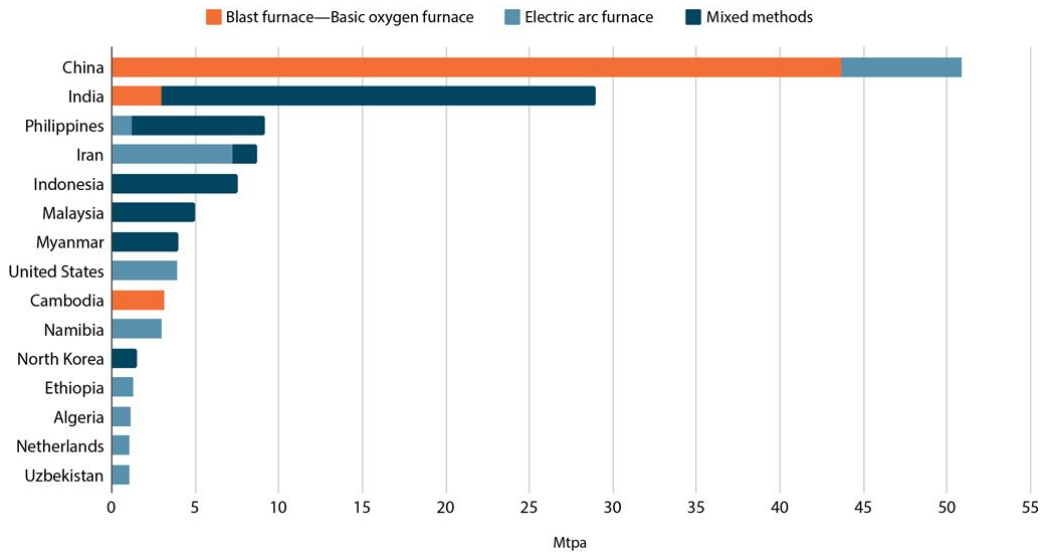
- 1.987 tonnes of CO2 per tonnes of steel produced = BF-BOF
- 0.357 tonnes of CO2 per tonnes of steel produced = **EAF**

Up to 1.787 tonnes of CO2 is saved per tonne of recycled steel used. The impact of transport on the carbon footprint of steel is estimated at 7.9 grams per tonne-km.

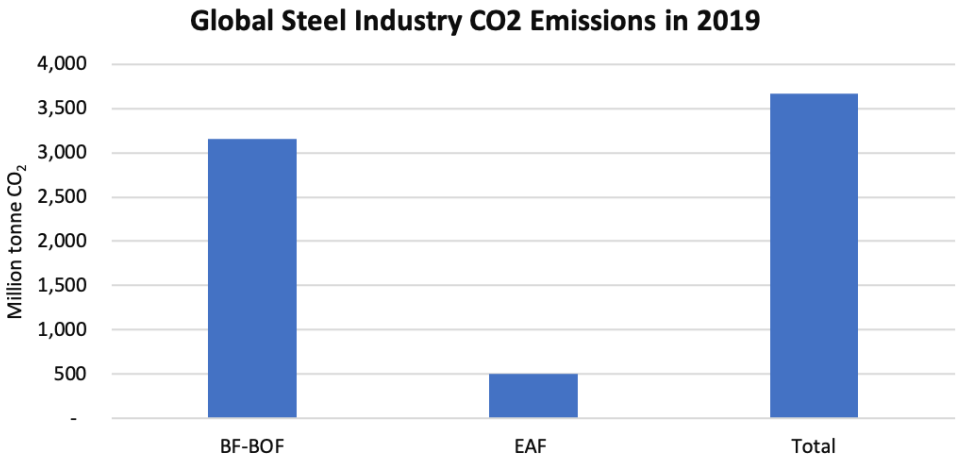
The main reason why European steel production is less polluting is due to the fact that 40% of steel is produced in a 'cleaner' way. It is called the Electric Arc Furnace Route. The heat necessary for melting the metal comes from an electric arc that arises when the electrodes make contact with the metal. Temperatures can go up to 3500 degrees Celsius, while the temperature of the steel is around 1800 degrees Celsius.

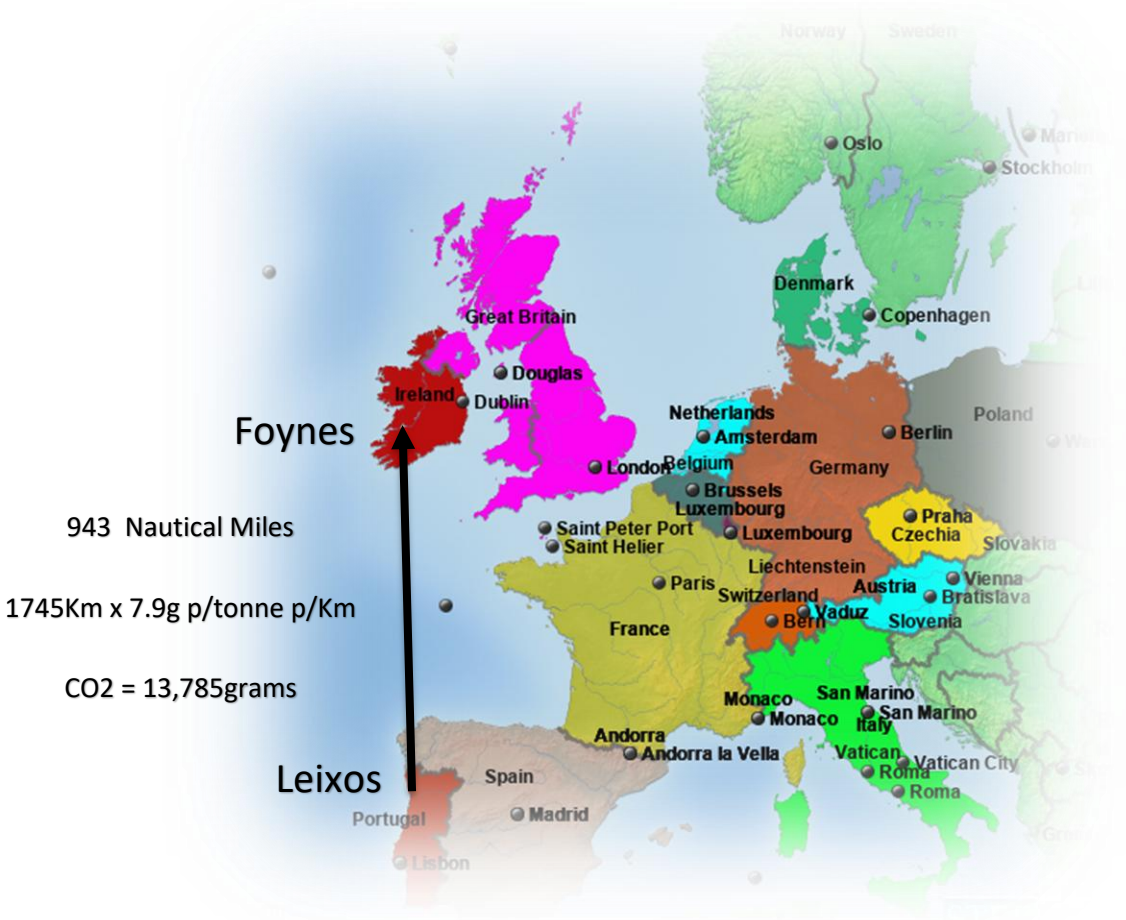
Dominic Lydon Galway Ltd have implemented an Environmental Management System; CARES certified in accordance with ISO 14001. The system guarantees correct deployment of the policies and procedures that are necessary for achieving maximum efficacy in the management of environmental aspects in the development of our activity around steel production.

This commitment to the environment and the responsible development of activities also extend to the purchasing area through specific requirements of our suppliers and sub-suppliers, consequently integrating them in the value chain and in turn valuing Steel Mills with low CO2 Carbon Footprint from Electric Arc Furnaces route and provide evidence of responsible management.



China is a big steel producer, the amount of CO2 per ton steel is higher in China. The ratio can be three tons of CO2 per one ton of steel. This is due to the way the steel is produced in China. Almost all of China's steel is produced in so called "Blast furnace ovens". These ovens mainly produce steel from iron ore which eventually is heated to 1500 degrees Celsius. Oxygen is blasted on the liquid iron in order to remove unwanted bits and pieces.





Dominic Lydon Galway Ltd has identified key areas for 2025/26 in only sourcing Reinforcement Steel from European Steel Mills (or at time looking at non-European Mills with a very low Co2 footprint) in reducing our carbon footprint and in reducing our green-house emissions.

Derek Mulveen

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Mr Derek Mulveen (General Director) 03/01/2025