

ARCELORMITTAL EUROPE LONG PRODUCT TRANSPORT IMPACT POLICY

Our impacts related to the transportation of our raw materials, finished and semi-finished goods as well as our business travels are relatively small compared to our footprint linked to our production operations. Nevertheless, in our environmental policy, we clearly express the wish to reduce continuously our environmental impact. Thus, we decided to measure our transport impact with the objective to progressively reduce it.

Shipping and logistics operations are managed in different departments situated in various geographical areas of production. One of the objectives of those departments is to be global leaders in reducing our carbon footprint relative to transport impacts.

A series of actions had been developed as:

- For raw material shipping:
 - Maximizing vessels usage to optimize fuel consumption, where possible.
 - Maximizing size and usage of rail transportation.
 - Minimizing the use of trucks for raw material deliveries, when possible.
- For semi-finished products and deliveries of products to customer:
 - Maximizing usage of vessels, where possible.
 - Optimizing the size of trains, when possible.
 - Trucks load weight optimization.
 - Improvement of the contracted and subcontracted fleet.

For our business travellers, our on-line booking tool also gives an indication of the CO₂ equivalent emissions related to the journey (train or plane).

The figures shown in the table below represent the CO₂ equivalent emissions linked to the shipments of our main primary raw materials (iron ore, scrap, DRI, PCI coal and coking coal), transportation of our products and semi-finished products to our customers.

Business travel emissions, which have not been included in the following table, are very low: a team of two persons flying daily from Luxembourg to London (500 km by plane, each way and 100 km by car) would emit 105 tons CO₂ equivalent per year, i.e. less than 0.5% of our total emission.

Raw material shipping global emissions	Unit	2015
Iron ore	tCO ₂ eq	6,923 t CO ₂
Coking coal	tCO ₂ eq	417 t CO ₂
Scrap deliveries	tCO ₂ eq	4,785 t CO ₂
Delivery of products	Unit	2015
Rail shipping	tCO ₂ eq	994 t CO ₂
Truck shipping	tCO ₂ eq	2,439 t CO ₂
Vessel shipping	tCO ₂ eq	7,849 t CO ₂
Total transport emissions	Unit	2015
	tCO ₂ eq	23,407 t CO ₂



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