

CO2e emissions calculations for standard routes

The KMC life-cycle assessment at the product level is limited to cradle-to-gate, meaning that transportation to our customers is excluded. Therefore, in collaboration with external transportation partners, we have calculated CO2e emissions for 8 standard routes.

The routes include the main carriage – whether by ship, truck, or train – along with relevant pre- and post-carriage, such as truck transport prior to shipping. All calculations are reported as total tons CO2e emissions for the entire route.

From Karup, Denmar to:	Type	Total CO2e emissions (tons)
Busan, Korea	20' container	1,33
Busan, Korea	40' container	2,54
Tokyo, Japan	20' container	1,67
Tokyo, Japan	40' container	3,21
Bell, USA	40' container	2,89
Vera Cruz, Mexico	20' container	1,10
Vera Cruz, Mexico	40' container	2,08
Beirut, Lebanon	20' container	0,72
Beirut, Lebanon	40' container	1,32
Lima, Peru	20' container	1,10
Lima, Peru	40' container	2,08
Heilbronn, Germany	Pallet	1,37
Heilbronn, Germany	Bulk	1,00
Torbolo Casaglia, BS, Italy	Pallet	2,23
Torbolo Casaglia, BS, Italy	Bulk	1,07