



PORT OF KIEL

## GREENHOUSE GAS EMISSIONS AND CO2 SAVINGS ACHIEVED IN THE SEAPORT OF KIEL

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### CATEGORY

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CO2-EMISSIONS IN THE PORT OF KIEL	IN 2020
<b>Total of emissions</b>	<b>18,783 tons of CO2</b>
of which	
Vessel emissions at berth	16,126 tons of CO2
Real estate	758 tons of CO2
Vehicle fleet	1,778 tons of CO2
Shunting in intermodal transport	121 tons of CO2

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CO-SAVINGS IN THE PORT OF KIEL	IN 2020
<b>Total of savings</b>	<b>6,222 tons of CO2</b>
of which	
Vessel emissions at berth	3,788 tons of CO2
Real estate	2,351 tons of CO2
Vehicle fleet	83 tons of CO2

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### INDIVIDUAL MEASURES OF THE PORT OF KIEL TO REDUCE EMISSIONS:

- On-shore power supply at the Ostseekai, Schwedenkai, Norwegenkai
  - Purchase of green electricity from exclusively renewable climate-neutral sources
  - Electrification of the vehicle fleet including the industrial trucks
  - Alternative energy generation through own photovoltaic systems (290,000 kwh p.a.)
  - Conversion to LED lighting in all parts of the port (saving of: 675,000 kwh)
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