

# SUSTAINABILITY REPORT 2015



Wallenius Wilhelmsen Logistics (WWL) is working to reduce the consumption of energy and natural resources per transported product, as well as the overall environmental impact of our activities. We will comply with all environmental regulations and, in keeping with our frontrunner ambition, we aim to be two steps ahead of existing and emerging requirements by implementing new solutions to industry-wide challenges.

## RELATIVE CO2 EMISSIONS

**THE DRIVING FACTOR** for CO2 emissions per tonne of cargo transported year on year is how full our vessels are on their sailings. This mostly depends on market forces and customer forecast accuracy.

2005:  
**45.07**  
g/tonne km

2015:  
**31.99**  
g/tonne km

**SINCE 2005**, we have reduced CO2 per unit transported by about 20 per cent (last 5 years average) through new vessel design and technical improvement of the existing fleet, as well as more efficient operations.

**TOTAL CO2 EMISSIONS 2015:**  
**2,203,896**  
tonnes

**IN 2015, THE TOTAL CO2 EMISSIONS** of WWL's ocean operations saw a rise of 7.93 % vs 2014, reflecting an increased number of sailings and port calls due to a fragmented market.

Average sulphur content in fuel 2015:  
**1.89%**

## AVERAGE SULPHUR CONTENT

**AS OF 2015, WWL SHIFTED** from a 1.5% global average sulphur limit to a low sulphur policy restricting sulphur content in port to <0.1% as of March 2016, for the benefit of human health and the environment. Additionally, we operate four vessels with scrubbers enabling them to run on HFO and still comply in full with sulphur regulations and our own sulphur policy. Combined, this resulted in an increase in the average sulphur content in fuel to 1.89%.

Average relative NOx emissions 2015:  
**14.19**  
g/kWh

## REDUCTION OF NOx EMISSIONS

**AVERAGE RELATIVE NOx EMISSIONS** for 2015 were 14.19 g/kWh, a 2.41% reduction compared to 2014, reflecting the arrival of two new HERO vessels to the fleet and the recycling of two older vessels.

**NOx**

## RECYCLING

**WWL AND OUR OWNERS** work by the policy that all our vessels should be recycled in accordance with The Hong Kong Convention. Vessels are issued with Inventory of Hazardous Materials/Green Passport.

## A SUSTAINABLE TERMINAL

**IN APRIL 2015**, we opened what is probably the world's most environmentally friendly automotive and roll-on/roll-off terminal. Melbourne International RoRo and Auto Terminal (MIRRAT), a wholly owned WWL subsidiary in Australia, has been built to handle more than 1 million units per year and to do so with the environment in mind.



MIRRAT is a wholly owned subsidiary of Wallenius Wilhelmsen Terminal Holdings AS (WWTH)

## NEW ENVIRONMENTAL OBJECTIVES:

**<0.1%**

### SULPHUR LIMIT

**STARTING THIS YEAR**, WWL has decided to operate with a <0.1% sulphur limit at berth in all ports globally. We achieve this by shifting to MGO or through scrubbers.

**-20%**

### NOx EMISSIONS AT BERTH

**TO REDUCE IMPACT** on human health and the environment, WWL aims to reduce NOx emissions at berth by 20% from 2015 to 2020 in tonnes/vessel/year. We achieve this by reducing turnaround time in port, fleet renewal and by introducing energy-efficiency and NOx-reducing technology in our existing fleet.

## -15% LAND-BASED CO2 EMISSIONS

**IN 2015**, the number of reporting sites increased from 24 to 27 locations. Total CO2 emissions from electricity and diesel use were 9,212 tonnes, 15 per cent down compared to 2014.

**100%**

## CLEAN AND CAPTURE FLEET COVERAGE

**TO AVOID INVASIVE** species being transferred as fouling on the hulls of ships, WWL is implementing the "clean and capture" approach across our fleet. We are also reviewing our dry docking and paint routines. We aim for full fleet coverage by 2018. This should also help us reduce our CO2 emissions.

**-10%**

## RELATIVE CO2 EMISSIONS

**WWL AIMS TO REDUCE** relative CO2 emissions by 10% by 2020 vs 2015 (g/tkm).

## ETHICS & GOVERNANCE

**IN 2015, WWL ...**  
... launched an Anti-Bribery & Anti-Corruption Handbook (also available as an app).  
... added compliance guidebooks for South Africa and China to the Competition Compliance Manuals.  
... continued our work as founding member of the Maritime Anti-Corruption Network (MACN), including the start of a collective action to fight corruption in the Suez Canal.

**92%**  
of all office employees completed a new e-learning about WWL's position on anti-competitive behaviour last year.

**20**  
**PROJECTS**  
Last year, WWL engaged in 20 projects ranging from disaster relief and environmental projects to supporting education for disadvantaged children.

## COMMUNITY ENGAGEMENT

**WWL ENGAGES** with the global ocean community, as well as our home communities across the world. We want to contribute to social and sustainable development and our community initiatives are mainly run by our teams around the world to support neighbouring communities.

## RESPONSIBLE EMPLOYER

**THE VALUE** that we bring to customers and communities starts with our people. They put our corporate values into practice every day. As an equal opportunity employer, WWL does not discriminate on grounds of gender, ethnicity, religion, age or disabilities. WWL supports and works in compliance with the internationally recognised UN Universal Declaration of Human Rights.

**OFFICE WORKERS**  
**41%** Female **59%** Male

**GENDER DIVERSITY TOTAL**  
**21%** Female **79%** Male