WTO/ITC

THE CONTRIBUTION OF INTERNATIONAL TRADE TO FASTER DECARBONIZATION

Volker Ratzmann, Executive Vice President Corporate Public Affairs, Deutsche Post DHL Group

July 5, 2022

Deutsche Post DHL Group

Logistics is an industry that has intrinsic challenges regarding sustainability

In 2021, our carbon footprint was **39 million tonnes*** of CO_2e

Logistics industry generates an estimated **3.5 billion tonnes** of CO_2e annually

We are the world's **11th largest employer**

We **operate in 220 countries and territories** worldwide

We are a diverse **team of ~590,000 colleagues**

*We measure our carbon footprint in Well-to-Wheel (WtW) instead of Tank-to-Wheel (TtW), i.e. along the entire energy chain – from the extraction to the provision to the conversion of the drive energy - and cover all greenhouse gases (CO2e).

Our Sustainability Roadmap : Science Based Targets

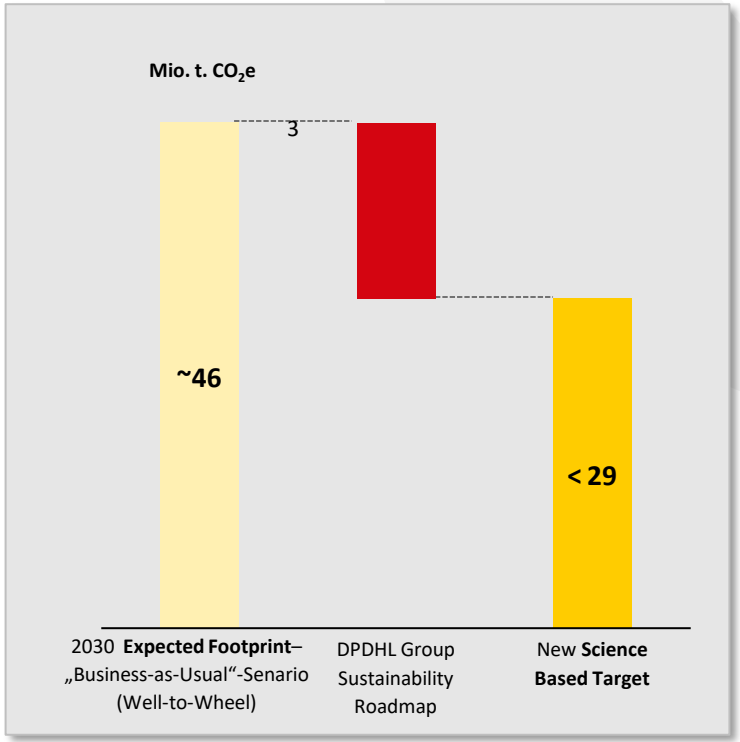
We will **reduce logistics-related GHG emissions[1] to net zero[2]** (Scopes 1 to 3, excluding offsetting**) by 2050**

We will reduce our greenhouse gas emissions to **29 million metric tons by 2030**

Despite rising demand in e-commerce!

Additional expenditures of €7 billion

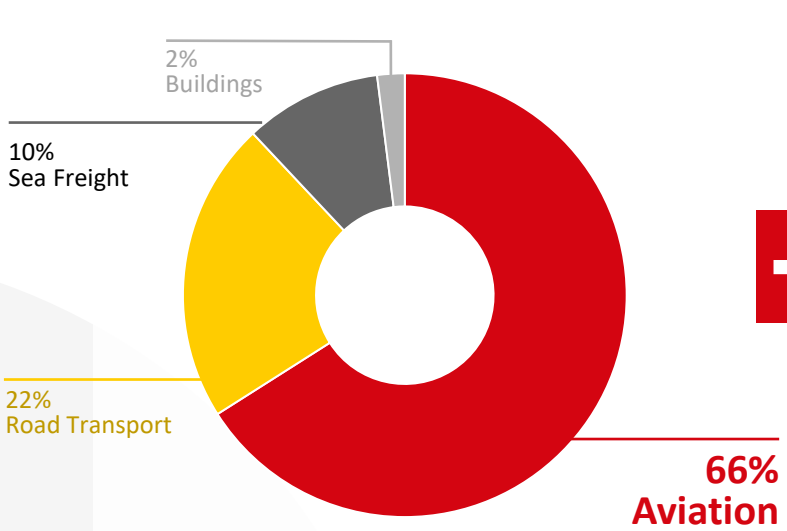
SCIENCE BASED TARGETS
DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

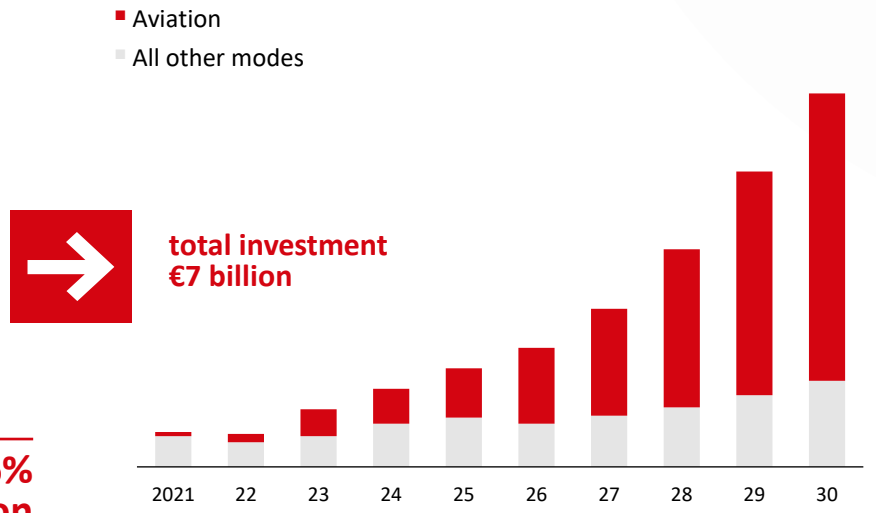


[1] Basis for GHG emissions calculation (well-to-wheel): Greenhouse Gas Protocol, DIN EN 16258 and Global Logistics Emissions Council Framework. [2] Reduction to unavoidable minimum, which is to be fully compensated by recognized countermeasures (without offsetting).

Measures in several areas; Aviation offers the greatest leverage for reducing CO_2

CO_2 emissions at DPDHL and the planned investments for reduction





Measures for sustainable air freight by 2030 - SAF the most important one

SAF blending
Blending ratio of >30% SAF by 2030[1]; Strategic partnerships with SAF producers and freight carriers

Re-fleeting
Ongoing replacement of our >320 cargo aircraft and deployment of e-planes

Fuel optimization
Improve weight load; optimize network structure and design; select more sustainable air freight partners

Drive innovation
Drive development of e-planes; promote power-to-liquid SAF plants

Decarbonize our ground handling
Greater use of electrification and hydrogen technology at our major hubs

Green products
Express: Low-emission TDI solutions[2]; *Global Forwarding*: Air freight solutions with sustainable fuels (additional service fee for customers)

[1] Scopes 1 and 3 [2] TDI: Time Definite International

Measures for sustainable road freight by 2030

Our road fleet comprises **112,500 vehicles worldwide**

- Conventional vehicles are continually upgraded
- 2021: **23%** alternative drives fleet-wide, **21,400 e-vehicles**, 3,500 hybrid drive systems

Environmentally-friendly delivery routes
Electrify 60% of last-mile delivery vehicles by 2030

Sustainable fuels
Increase share of sustainable fuels to >30%

Network optimization
Continuous network optimization for reduced fuel consumption

Driver training
Programs to raise employee awareness for eco-friendly driving

Green product portfolio
Insetting offers

Drive innovation
- Drive development of hydrogen and electric trucks
- Increase market availability

Transport partner activation
- Foster subcontractors' green transport activities through standards, trainings, incentives
- Transition from road to rail transport

Measures for sustainable ocean freight by 2030

Sustainable Maritime Fuel blending

- The fuel product offering for both FCL[1] and LCL[1] transports (GoGreen Plus) drives the development and use of Sustainable Maritime Fuel (SMF)
- DPDHL Group is the first logistics service provider to offer climate-neutral LCL ocean freight transport products – at no additional cost to customers

Network optimization

Helps drive down GHG emissions

Strategic partnerships

- Encourage technological and process-based innovation
- Strengthen collaboration with SMF producers and carriers

[1] Full container load (FCL), Less than container load (LCL).

Main levers in climate-neutral building design

Climate-neutral building design
Starting in 2021, all new (owned) buildings built to be climate neutral

Electricity from renewable sources
Increase share to >90% by 2030

Sustainable heating systems
Increase use to >50% by 2030

Purchasing power
Electricity procured directly from renewable and sustainable sources

Sector coupling
Convert locally produced electricity from renewable sources into fuels for our
e-vehicle fleet

Building automation
Use digitalization and smart building management systems to further reduce energy consumption

THANK YOU!

Deutsche Post DHL
Group