

Rolling Highway – Trucks and trains meet for a more sustainable, efficient transportation

Solution connects Novara (IT) to Freiburg (DE) using trains to transport loaded trucks in the railways



Customer challenge

- Reduce Carbon Emissions of the transportation in this specific trade lane
- Use of other more sustainable modals would impact cost or lead-time



DHL solution

- **Loaded trucks** driven onto trains by their drivers at special terminals
- Drivers travel & rest in accompanying passenger coach
- Gradual introduction of **LNG trucks** to further reduce CO₂ emission



Benefits and impact

- **44% reduction** on Carbon Emissions (1,294 kg vs 726 kg CO₂e)
- **Cost and lead-time neutral**
- Minimize stopping for roadside checks or traffic jams
- Optimum use of statutory rest periods for drivers

Case study



Type	Multi-Modal	Sector	Life Science & Healthcare
Geography	Europe	Measures	- 44% CO ₂ e
Implementation	Days Weeks Months Year	Costs	\$/\$\$\$\$\$
Mode	Express Air Ocean Rail Road Warehouse Other		