



# Fahrzeuganforderungen in der urbanen Logistik

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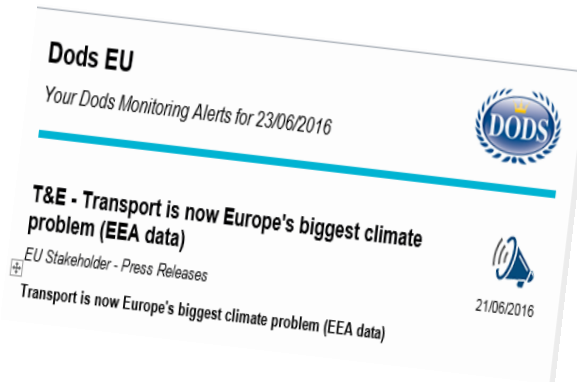
dena Dialogforum

Berlin, 26. Juni 2017



# Umwelt und Verkehr

## Nachhaltigkeit sichert das Geschäftsmodell



*"With more than 100,000 drivers logging more than 3 billion miles per year, our future depends on our ability to meet the growing demand for global trade while reducing our impact on the environment"* David Abney, CEO UPS, August 2016

Strategie – "Innovate and Lead" als aktives Risikomanagement

Effizienz

Alternative Technologien

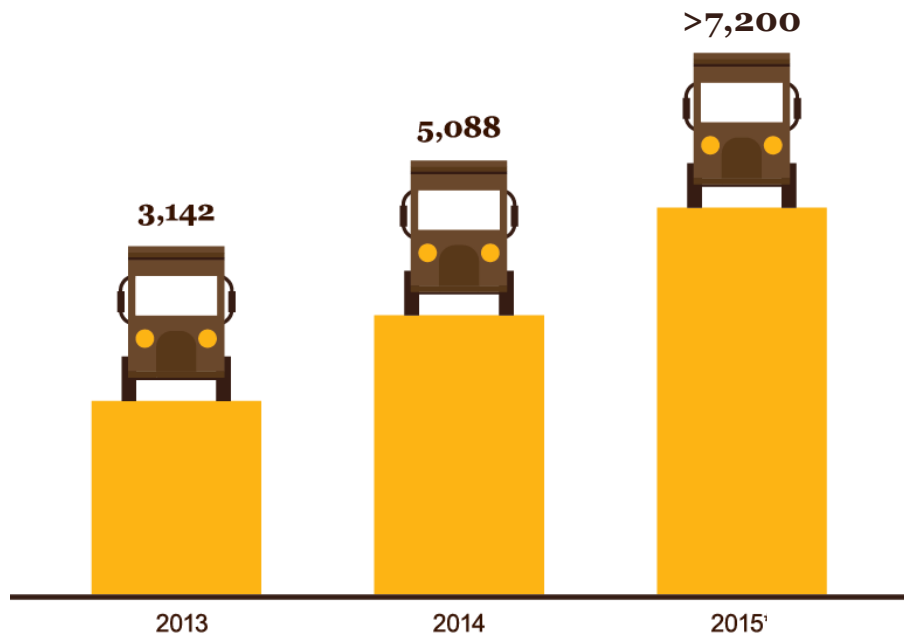
Stakeholder Dialog



# Fortschritt durch „Rollende Labore“

Alternative Flotte erreicht kritische Masse.

Eine Milliarde Meilen ein Jahr früher als geplant erreicht.



 **Compressed Natural Gas (CNG)**

 **Liquefied Natural Gas (LNG)**

 **Propane**

 **Electric**

 **Hydrogen**

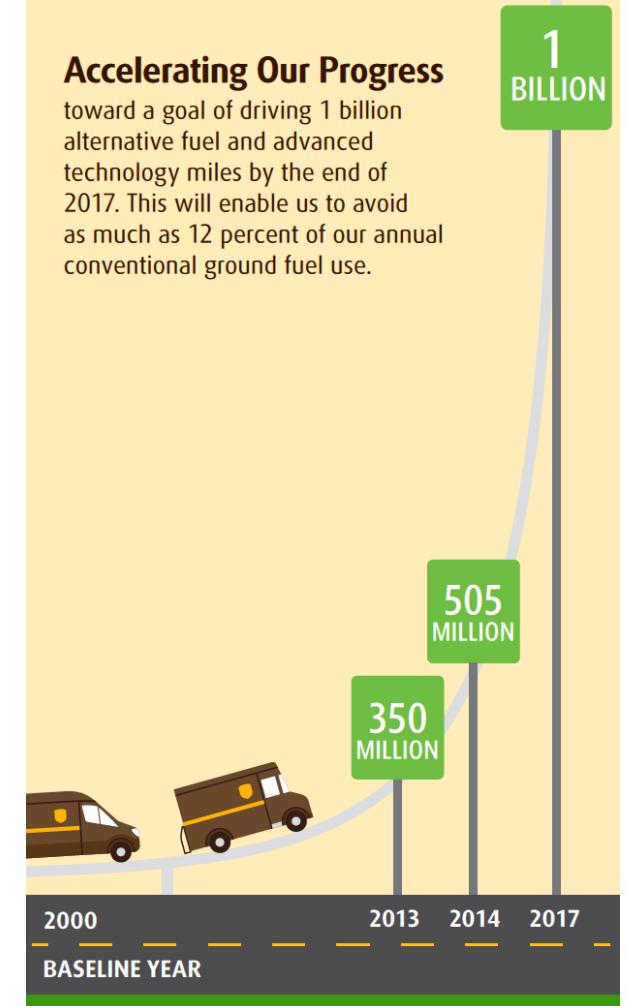
 **Biomethane (RNG)**

 **Hydraulic Hybrid**

 **Electric Hybrid**

## Accelerating Our Progress

toward a goal of driving 1 billion alternative fuel and advanced technology miles by the end of 2017. This will enable us to avoid as much as 12 percent of our annual conventional ground fuel use.



# Alternative Flottenoptionen

## Nachhaltige Technologien und Transportzusammenhang

	Package Operations under 100 km per day	Package Operations over 100 km per day	Feeder / Transportation Operations
Walker , Convention Bike/Trolley	Green	Orange	Orange
Electrically Assisted Bike	Green	Orange	Orange
Electric Vehicle	Green	Orange	Orange
Range Extended Electric Vehicle	Green	Green	Orange
Parallel Hybrid	Green	Green	Orange
BioMethane (RNG)	Green	Green	Green
BioDiesel	Yellow		
Natural Gas (CNG/LNG)	Yellow		
Hydrogen	Yellow		Orange
Propane (LPG)	Orange		Orange

<u>Key:</u>	Green	Good sustainability, feasibility, payback balance
	Yellow	Backup
	Orange	Poor sustainability, feasibility, payback balance



# Logistik unter Strom







Thank you

