



Sustainability and Efficiency@ups

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Fleet Environmental Manager



UPS Today

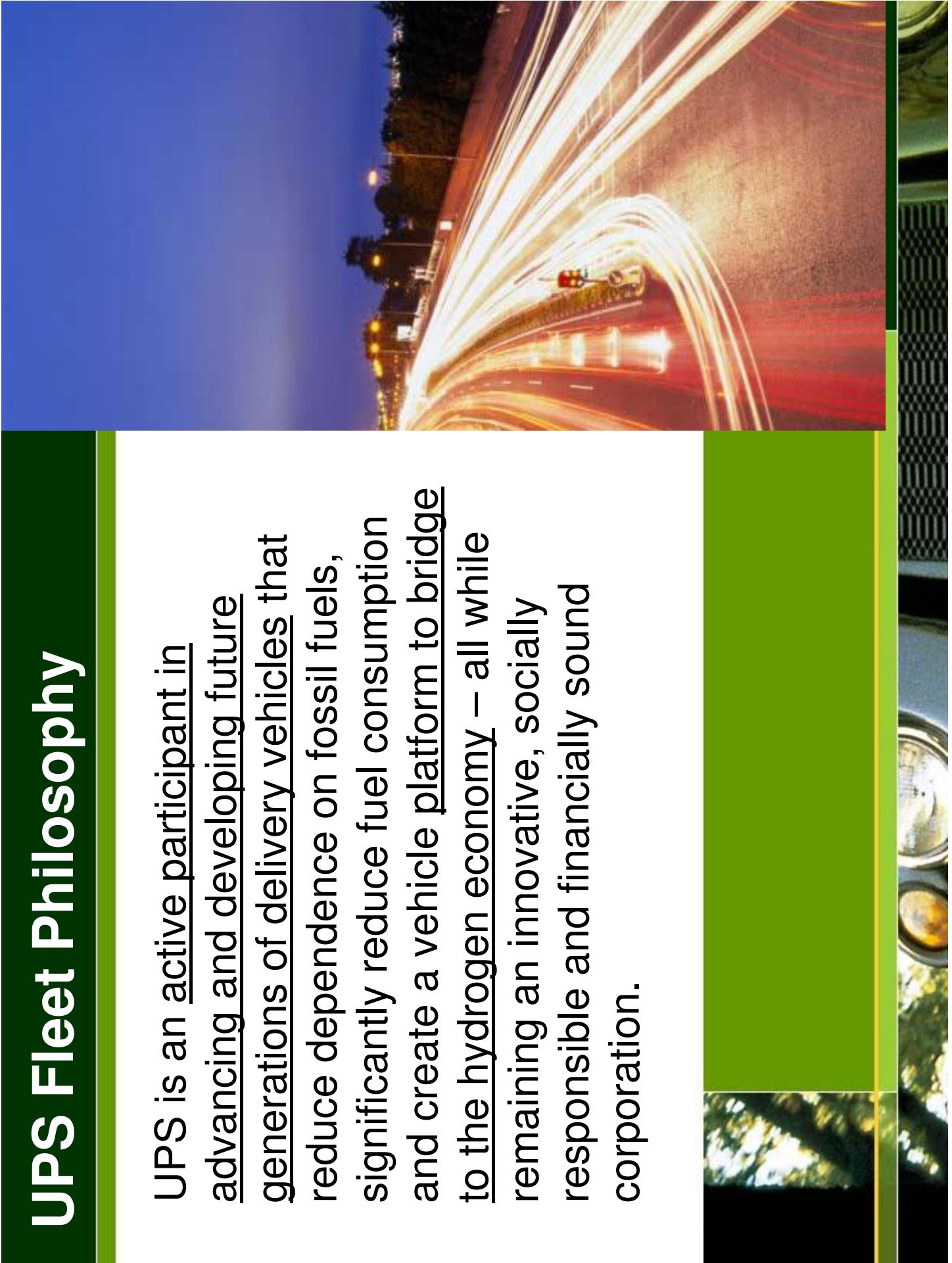
200 Countries and Territories

- Conducts business with 98% of all companies in U.S.
- 384,000 employees, 4th largest employer in U.S.
- 78,000 drivers
- 88,000 delivery vehicles
- 570 aircraft
- 14.1 million packages a day,
6% of U.S. GDP



UPS Fleet Philosophy

UPS is an active participant in
advancing and developing future
generations of delivery vehicles that
reduce dependence on fossil fuels,
significantly reduce fuel consumption
and create a vehicle platform to bridge
to the hydrogen economy – all while
remaining an innovative, socially
responsible and financially sound
corporation.



“Rolling Laboratory” Approach to Future Mobility

**Compressed
Natural Gas**



1935 electric



**Clean Air
Hybrid Electric Vehicle**

Hybrid



Hydrogen



Electric



**Liquefied
Natural Gas**



Hybrid Electric Vehicle



Network Fuel Efficiency

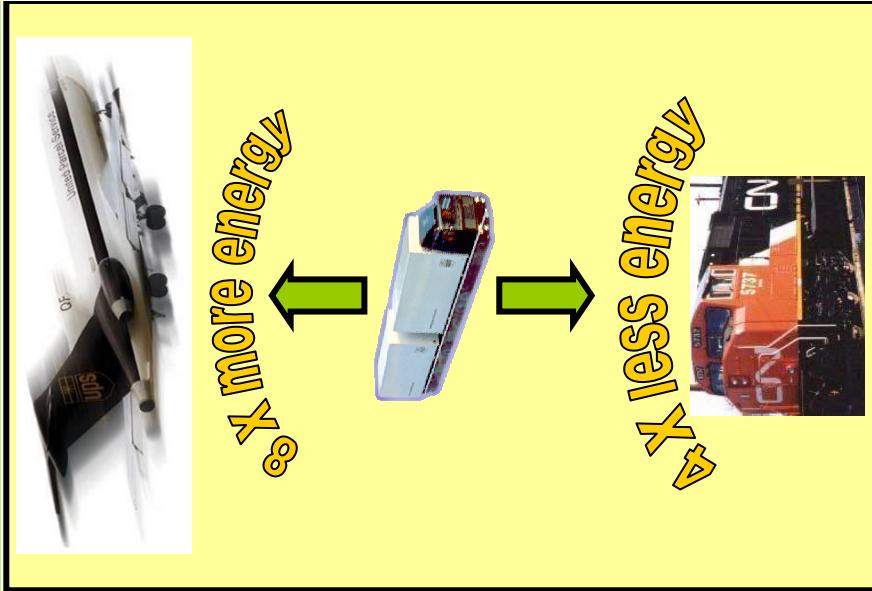
- A black smartphone is held vertically, showing a white screen with a large, clear barcode in the center. The phone is positioned next to a white rectangular label with black text and a barcode, demonstrating how mobile devices can display and print package flow information.



- Mapping / GPS



- Integrated intermodal ground and air



Aircraft Network Fuel Efficiency

- Re-engined 727s & DC8s
 - \$1.2 B ~20% fuel savings
- Purchase fuel and noise efficient aircraft
- Airline Fuel Conservation
- Continuous Descent Approach
 - Aircraft landing procedures
- LIDO
 - Innovative routing technology
- ADS-B



Operating Costs Today

Benefits of Sustainable Transport to UPS

- Integrated intermodal network
- Package Flow Technology
- Vehicle and airline fuel conservation strategies
- Alternative vehicle technology
- Operational innovation

= Reduced consumption, emissions and dependence

License to Operate Tomorrow

