

# Sustainable Logistics

## A Retailers Perspective



# A global pledge

Wal-Mart has announced our goal to remove 20m tonnes of CO<sub>2</sub> from it's global supply chain by 2015

# Corporate targets

- Absolute carbon reductions – Asda & supply base
- Resilience to climate change
- ZWTL
- 25% increase in re-newables
- 25%reduction in water consumption

# Clear Distribution Strategy



Fewer, friendlier miles



Cleaner, sustainable infrastructure



Service Centre investment

# Distribution initiatives

- DD initiative expansion
- Renewable energy
  - Anaerobic Digestion
- Bio fuel technology
  - Hydrogen fuel cells
- Trailer design
- Cutting edge engine technology

# Fewer friendlier miles

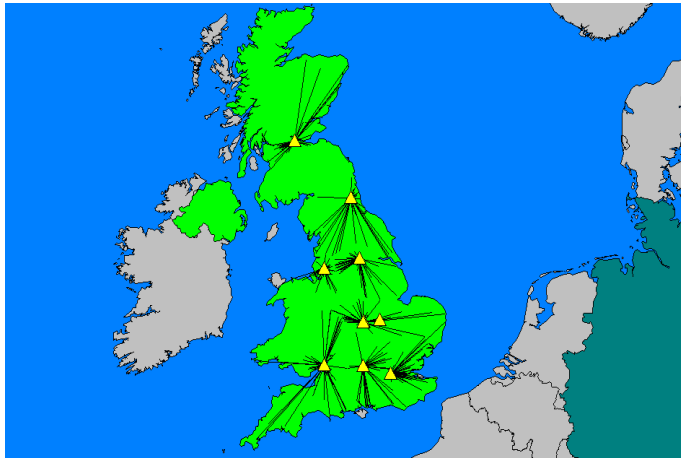


- Double-decker deliveries to stores
- Logistics collaboration
- 5.7m miles saved pa

- 23% increase in vehicle fill
- 3,000 journeys per week saved



# Fewer, friendlier miles



- Network re-engineering
- Route alignment
- 14m miles saved

- Rail utilisation
- 7m miles saved



ASDA SAVING YOU MONEY EVERY DAY

# Sustainable infrastructure

## New Builds

- New design technology
- 30% more efficient
- UK sourced materials
- Zero construction waste
- 44,500 reduction in carbon output

# Sustainable Infrastructure

The background of the slide features a semi-transparent image of a landscape. In the foreground, there is a field of green plants with small yellow flowers. In the middle ground, three wind turbines are visible against a soft, hazy sky. The sun is low on the horizon, creating a warm, golden glow. The overall scene is peaceful and represents sustainable energy and infrastructure.

## Existing buildings

- Retrofit technology
  - Greener lighting
  - Temperature
  - Rainwater harvesting
- Re-engineering to avoid new build
  - 2m cases p/wk through same space

# Service Centre Investment



- £60m investment in ASCs
- Returnable equipment saving 100k tonnes of card in supply chain
- Zero waste to landfill enabler
  - Card & plastic
  - Food waste

# Achievements

- 40% Reduction in Transport Carbon Emissions.....*2005 – 2009*
- 60k tonnes carbon saved from infrastructure technologies
- Zero waste to landfill from Asda estate

# Looking to the future

- Asda leading the change
- Challenging targets
- Sustainability supports EDLC for EDLP
- Carbon cost ever more punitive
- Ethical choice for consumers