

## GREENING OUR LOGISTICS

### FAST FACTS:

- 1.1 million less road miles by the end of 2005 due to double deck trailers
- Double deck trailers saving approximately 1,180 tonnes of CO<sub>2</sub> per annum
- Lyreco have currently reached our capacity for double deck trailers
- 297 Euro IV rated Mercedes Sprinter vans in 2010 which are approximately 10% more efficient, saving approximately 420 tonnes of CO<sub>2</sub> per annum
- 76 Euro V rated Mercedes Sprinter vans in fleet in 2010; saving 43 tonnes of Co<sub>2</sub>
- Electric delivery vehicles produce 0% emissions and attract no road tax and no congestion charges. This makes them perfect for inner city deliveries

## WHAT WE DID

- Set up an improvement programme in 2004 to begin strategic targeting to reduce emissions
- First double deck trailers introduced to fleet in 2004
- 13 double deck trailers in use by end of 2005
- Fuel efficiency added to Regional Distribution Centre of the month calculations to encourage drivers in 2006
- Trials of LPG delivery vans (8 in Tottenham and 2 in Bracknell)
- Investigations begin regarding electric delivery vans in 2008
- Trials of Modec electric delivery vans later in 2008
- New Mercedes Sprinter Euro IV with "stop start" engines introduced to fleet in 2009
- New Euro V engines vehicles introduced through 2010
- Introduction of speed restriction of 62MPH to vans in 2009 saving 80 tonnes of CO<sub>2</sub>

**TIMESCALE:** 2004 - PRESENT AND FUTURE

**AIM/OBJECTIVE:** To reduce Lyreco's carbon footprint by greening our logistics



### MEASUREMENT METHODS:

Mileage tracked by both distribution company for our trunking and internally for our own fleet of delivery vans. This is monitored and regularly reviewed as part of an internal improvement programme.

### ROLES/RESPONSIBILITIES:

Lyreco's dedicated logistics administration team track and monitor while our trunking partner, Maidens, supply information. Our regional distribution centres and drivers are responsible for driving our vans effectively and carrying out checks to ensure our vans are kept well maintained

### BENEFITS:

- Modec delivery vans have no emissions, this means they don't create any of the harmful pollution that is linked to acid rain, smog, global warming, respiratory and other health conditions.
- Reduced number of trucks on the road so reducing road congestion and improving conditions for other road users
- Double deck trailers cut down road miles which also means less fuel is required, which benefits Lyreco financially and puts less pressure on resources

### WHERE WE ARE NOW:

- Double deck trailers in fleet by the end of 2009 = 21 on an average used a day.
- Back hauling of returns and baled packaging
- Two Modec electric delivery vans launched in 2010
- Route planning software introduced in 2010

