

Climate Change Solutions Conference

TransportEnergy Grant Programmes 2005/06

Colin R Matthews
Head of TransportEnergy Programmes

25th May 2005

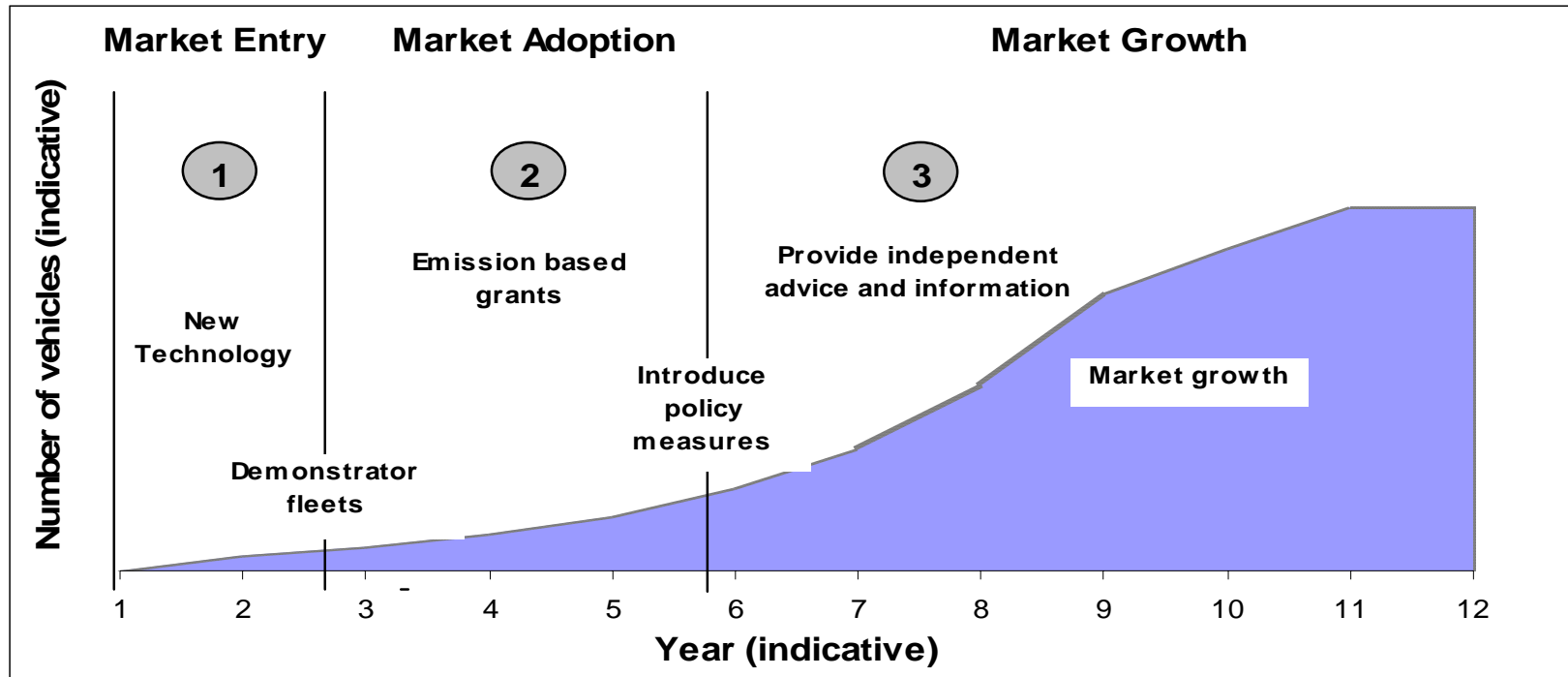
Goals of TransportEnergy

- Use the cleanest (air quality), lowest carbon (GHG) vehicles
- Drive efficiently
- Choose the most efficient mode of transport for your journey

The need for change

- Climate change
 - CO₂ emissions from road transport approx 26%
 - Kyoto target - 12.5% below 1990 levels by 2012
 - UK Target CO₂ - 60% below 1990 levels by 2050
- Powering Future Vehicles Targets
 - 10% sales of low-carbon cars by 2012 (<100gCO₂/km)
 - 600 new low carbon buses in 2012
- Local air quality
 - Targets for NO₂ and PM₁₀ are not being met in many areas, which has led to the establishment of 137 air quality management areas across the UK

Market Transformation



TransportEnergy's Strategy

1) Market Entry

- EST should continue to grant fund the development and demonstration of new low carbon vehicles
- It is essential that we improve the choice of cleaner low carbon vehicles that are currently available in the UK market.

Market Entry

- **Technology Programmes**
 - Proof of concept (Low Carbon R&D) – launch Q1 2005/06
 - Fleet: Q3 2005/06
 - Low Carbon Bus: Q1 2005/06
 - ULCCC – Q1 2005/06

Centre of Excellence for Low Carbon and Fuel Cell Technologies (CENEX)

- To be launched in Spring 2005 at Loughborough University
- Industry-led – DTI funded for 5 years, self-sustaining thereafter
- Create stronger linkages between academia, supply chain and OEMs
- Coordinate Knowledge Transfer Activities
- c£3.5m for demonstration projects
- Ownership of the low carbon vehicle routemap
- Will encourage inward investment in the UK
- www.cenex.co.uk info@cenex.co.uk

