

**Workstream #1 - Technology  
Roadmaps and Test Bed UK**

Progress Report 22<sup>nd</sup> April 2010

# Automotive Council – Technology Working Group

## **Team:**

- Pilots: Jane Whewell (BIS), Neville Jackson (Ricardo)
- Crew: Steve Faulkner (CAT) , Nick Fell (TATA), Chris Walsh (Cenex), Jon Maytom (BIS), Denis Culloty (Leyland Trucks)

## **Proposed Output:**

- Promote the Test Bed UK concept and publish material to support UK Automotive R&D, Supply Chain and Manufacturing capability
- Update Passenger Car Low Carbon Vehicle Road Map
- Create Commercial Vehicle and Off Road Low Carbon Road Map

## **Approach:**

- Based on TQM with 7 step process

## **Progress:**

- Initial scoping meeting between pilots held on 23rd March
- Team meeting (conference call) held 16<sup>th</sup> April to clarify objectives

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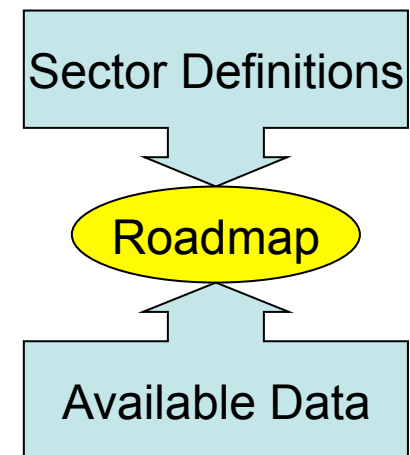
## Technology Roadmaps:

### Objectives:

- To extend the idea of an industry consensus road map beyond passenger car towards commercial and off-road vehicles
- To establish a process on how these consensus road maps are created, how we can keep them relevant and how to make them widely available

### Issues/Initial Focus

- Commercial Vehicle/Off Road rollout plan more complex than passenger car
- Learn as much as possible from all other work in this area
- Better to address roadmap process using bottom up & top down – what data do we have already and how can we use it? Defining sectors before understanding the bigger picture inefficient process.
- Focus on low carbon initially and with attention to powertrain
- Be aware of interactions with vehicle technologies for on & off-road
  - Should also ensure relevance to ITS where appropriate



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Testbed UK:

Objectives:

- Define in simple terms what “Testbed UK” means
- Define & produce well structured material to promote Testbed UK
  - make this widely available
- Research & collate information on activities planned/underway internationally

Issues/Initial Focus

- Testbed UK has a wide range of interpretations:
  - “Co-ordinated demonstration of UK capability in new automotive technologies and services to define market/consumer feasibility & attract investment”
- The original NAIGT concept for “Test Bed UK” was designed to facilitate a faster rate of new product introduction to the UK whilst reducing risk
- CO2 reduction & Electrification of Transport was seen as a good initial example of Test Bed UK but this was only the first step...

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## Next Steps

- Technology Roadmaps:
  - Define scope of work as defined in TQM process
  - Collate available “high level” roadmaps with Low Carbon focus
  - Provide recommendations for roadmap “team” – must represent key market/tech players in the UK
- Testbed UK:
  - Define and agree what we collectively mean by “Testbed UK”
  - Define scope of work as defined in TQM process
- Team meeting arranged for May in the Midlands