



Green Economic Recovery – National Perspective

Regulatory Framework:

- Climate Change Act – Legally binding target to reduce carbon emissions by at least 26% by 2020 and 80% by 2050.
- Framework set by Central Govt to give industry the confidence to invest re low carbon products and services
- Renewables targets; Carbon Reduction commitment; building regulations, vehicle emissions etc



Green Economic Recovery – National Perspective

- Low Carbon Investment Fund – targeted investment to provide support for innovative technologies + support more mature industries to locate in the UK - £405m
 - Fund demo projects close-to-market innovation – offshore wind, wave and tidal energy
 - Work with mature industries to remove barriers to investment – eg developing port infrastructure to help development of offshore wind supply chain
 - Will be delivered through existing programmes such as the Environmental Transformation Fund/Strategic Investment Fund
- Create the conditions to make the UK the best country in the world to grow a low carbon business



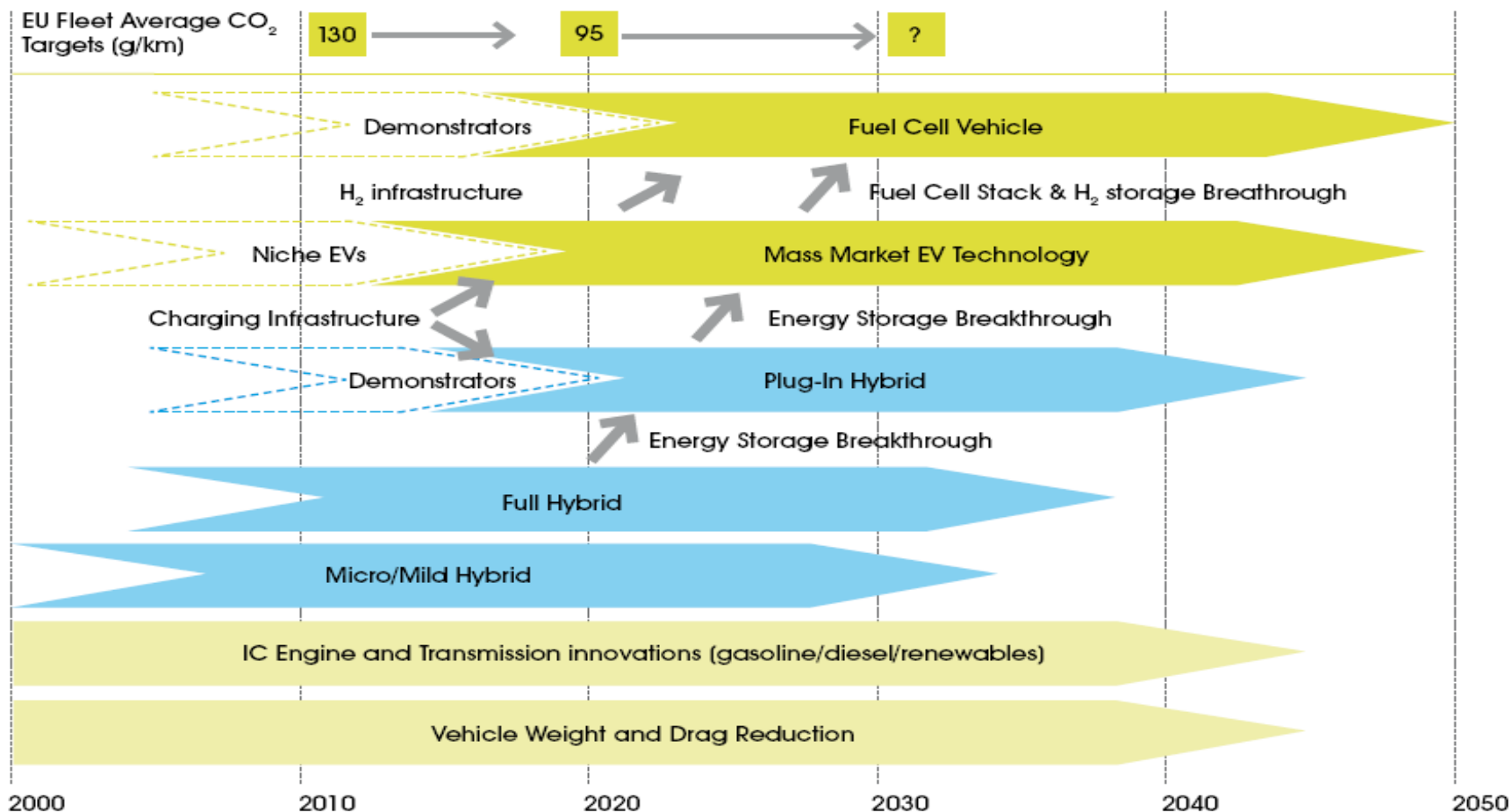
Green Economic Recovery – National Perspective

- New Industrial Activism –join-up Govt policy
 - Ensure low carbon companies have access to the infrastructure, skilled workers, r + d, investment opportunities
- Need to drive the green industrial revolution *Regionally* and locally not just Nationally!
- Opportunities for Business – both commercial and to save money; release resources – 4 drivers of change:
 - Energy efficiency to save money and release funds to invest further in business expansion/opportunities
 - Energy infrastructure – Renewables (including Offshore and Marine Energy), Nuclear, Carbon Capture
 - UK to be global leader in low carbon vehicles
 - Creating right conditions for low carbon business to flourish



Green Economic Recovery – National Perspective

Figure 3: A high level technology roadmap for the UK's de-carbonisation of road transport





Green Economic Recovery – National Perspective

- Energy Infrastructure:
 - To hit targets need to increase renewable energy X 10
 - Alongside Nuclear sector; Clean Coal via Carbon Capture/Storage
 - Need to transform grid itself – improving the way it transmits and distributes electricity.



Green Economic Recovery – National Perspective

- Need to support more small-scale generation - via feed-in tariffs, £5 billion of investment in the grid is already planned for the next 5 yrs + smart meters.
- What are the key opportunities for UK business in moving to a new energy infrastructure?
- Low carbon vehicles – UK to become a leader in low carbon transport especially in R & D and technology end.
- What is the best way for Govt and business to work together to secure a world leading position for the UK in low carbon transport?



Green Economic Recovery – National Perspective

- Low Carbon Business Environment – UK already a major player in – low carbon and environmental sector is worth £107 billions a year or 7.4% of GDP – sector growing fast even in recession
- Plus world class science and research base + good record on innovation – in 07 UK attracted 30% of all European venture capital investment in clean technology.
- How do we build the infrastructure, skills and research base we need to make the UK the world's foremost destination for low carbon investment.



Green Economic Recovery – Regional Perspective

- South West Regional Economic Task Group (SW RETG) – now includes Green Economic Recovery as a formal sub-group
- Four priorities identified:
- Domestic energy efficiency
 - Accelerating delivery of cheaper measures (i.e. insulation)
 - Developing the market and business supply chain for more expensive measures i.e. microgeneration).
- Business Resource Efficiency
 - Business link proposal – 1-1 business support to help business reduce resource usage + manage waste



Green Economic Recovery – Regional Perspective

- £100m to support SMEs re energy efficient equipment – delivered through existing Carbon Trust scheme.
- Marine Energy technologies – RDA and Regional Minister briefing Ministers about the developing strengths of Marine sector input regionally + asking for equality with Scotland and mainland re Renewable Obligation Certificates (ROCs).
- Nuclear Energy – Meetings ongoing with EDF on Hinkley.



Green Economic Recovery – Local Perspective

- Envisioning Green Knowledge Economy – BDP MAA Vision
 - Strong Marine sector has good read-across to the Regional priorities and fits in well with the Olympics legacy work.
 - Eco-tourism hub – Weymouth 2012/Jurassic Coast
 - Winfrith Tech Centre – UK first zero carbon business park?
 - CEFAS in Weymouth – leader in environmental, fisheries research, protecting marine eco-system.



Green Economic Recovery – Local Perspective

- PFI Waste to energy project
- Environmental Goods and Services – develop the cluster
- Employment and Skills Bd – play vital role in planning for future skills needs of green economy across the sub-region
- Immediate need to understand/reconcile the work on Business Growth with both greater efficiencies and the opportunities in emerging green sectors?



Green Economic Recovery

- **Five Main Questions**

1. How can we help businesses and workers access opportunities in emerging markets?
2. What are the main barriers to business and the public sector realising the full benefits of energy efficiency?
3. What are the key opportunities for business in moving to a new energy infrastructure?
4. How can Govt and business best work together to secure a world leading position in low carbon Transport?
5. How do we build the infrastructure, skills and research base to best enable low carbon investment??

Feed into www.hmg.gov.uk/lowcarbon



Green Economic Recovery – Main National Policy Documents

- Low Carbon Industrial Strategy: A vision
- Investing in a Low Carbon Britain
- Building Britain's Future: New Industry, New Jobs

Available via www.hmg.gov.uk/lowcarbon