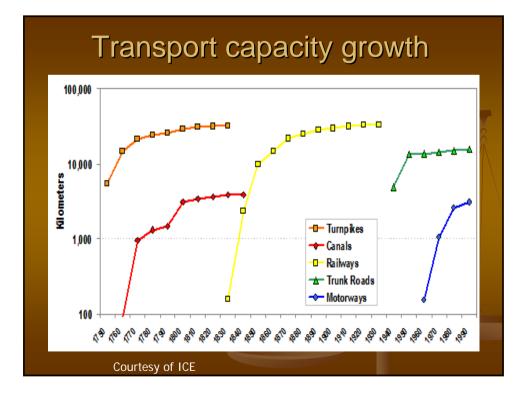
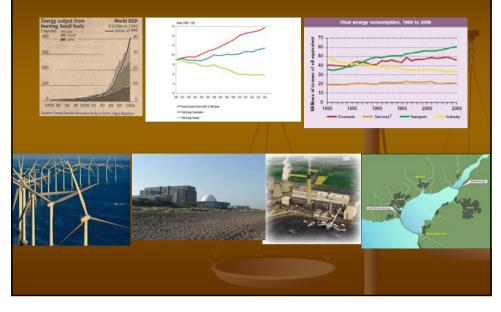
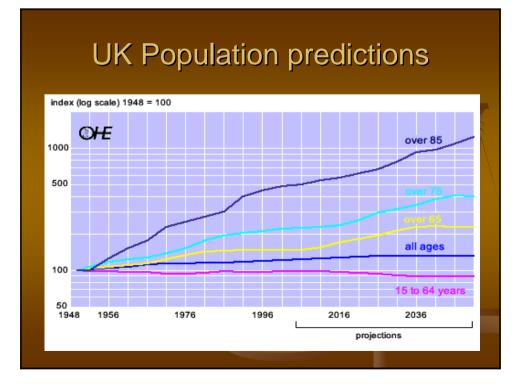
## Sustainable Transport Systems

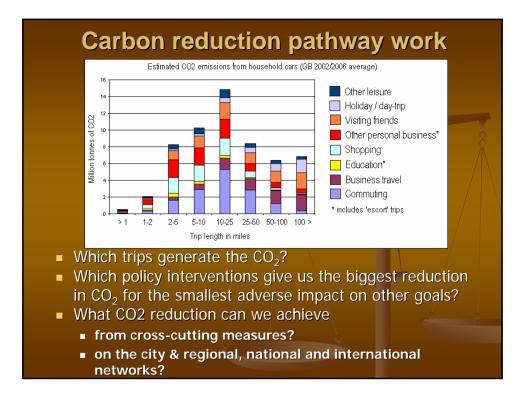
Professor Brian Collins Chief Scientific Adviser DfT and BERR



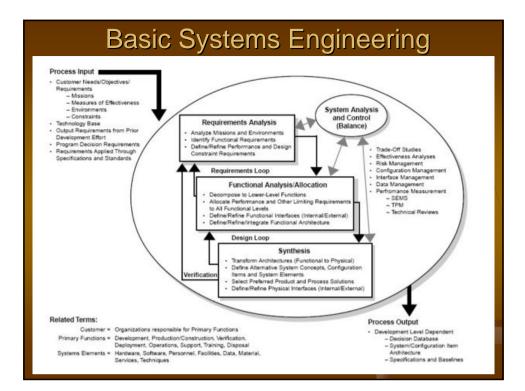
## **Energy Investment and Use**

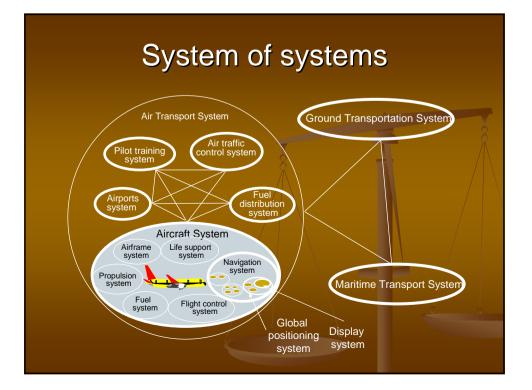


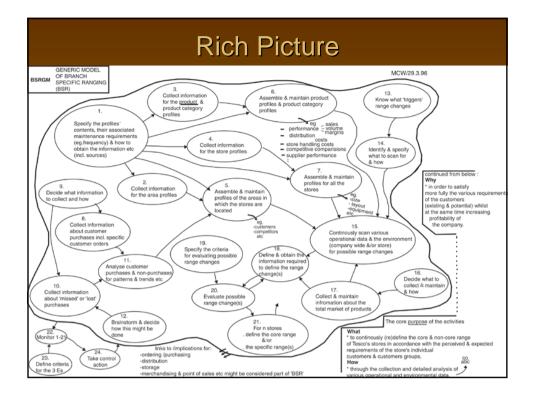


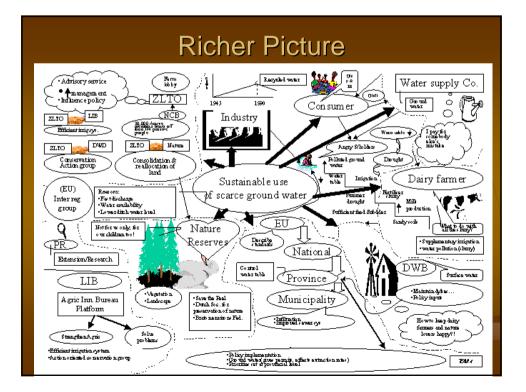


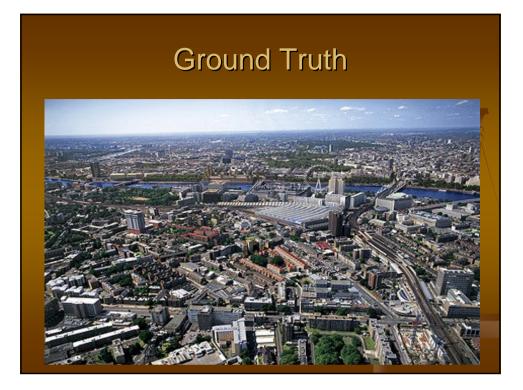


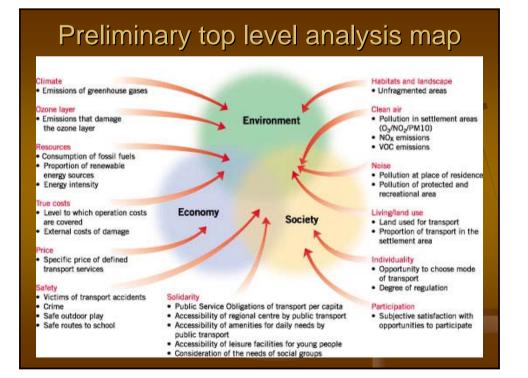












Challenges Matrix – Extract The perceived problem space					
Challenges	Climate change	Competitiveness & productivity	Equality of opportunity	Health, safety & security	Quality of life and the Natural Environment
Cross-network (national policy)	1.Deliver quantifiable reductions in CO <sub>2</sub> emissions consistent with supporting delivery of DTT strategic objectives and other wider Government goals.	1.Support productivity by ensuring a competitive transport industry, simplifying and improving regulation to benefit transport users and providers and maximising the value for money from transport spending.	1.Enhance social inclusion by enabling disadvantaged people to connect with employment opportunities, key services, social networks and goods through improving accessibility, atfordability, and acceptability.	1.Reduce the risk of death or injury to the public due to transport accidents 2.Reduce the risk of death or injury for transport industry employees and those driving for work 3.Reduce social and economic costs of transport to public health, including air quality impacts 4.Reduce vulnerability of transport networks to terrorist attack.	1.Bear down on noise. 2.Minimise the impacts of transport on the natural environment and seek solutions which deliver long-term environmental benefits. 3.Minimise the impacts of transport on heritage, landscape and communities 4.Improve the experience of end to end journeys for transport users.

