



EUROPEAN
COMMISSION

Community research

**Heavy
Route**

**The
context**

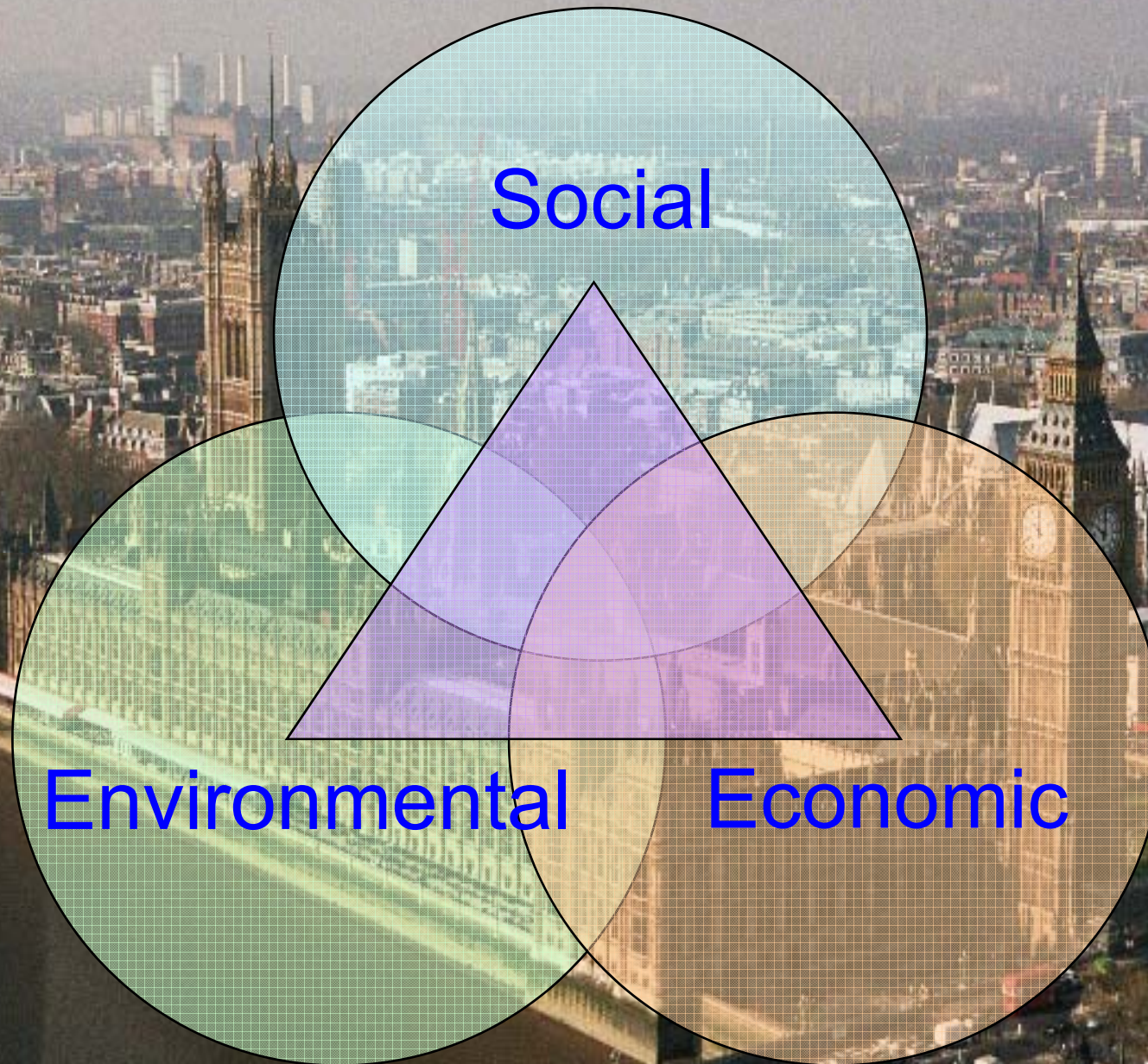
Sustainable Mobility

“The ability to meet the needs of society to move freely, gain access, communicate, trade, and establish relationships without sacrificing other essential human or ecological values today or in the future”

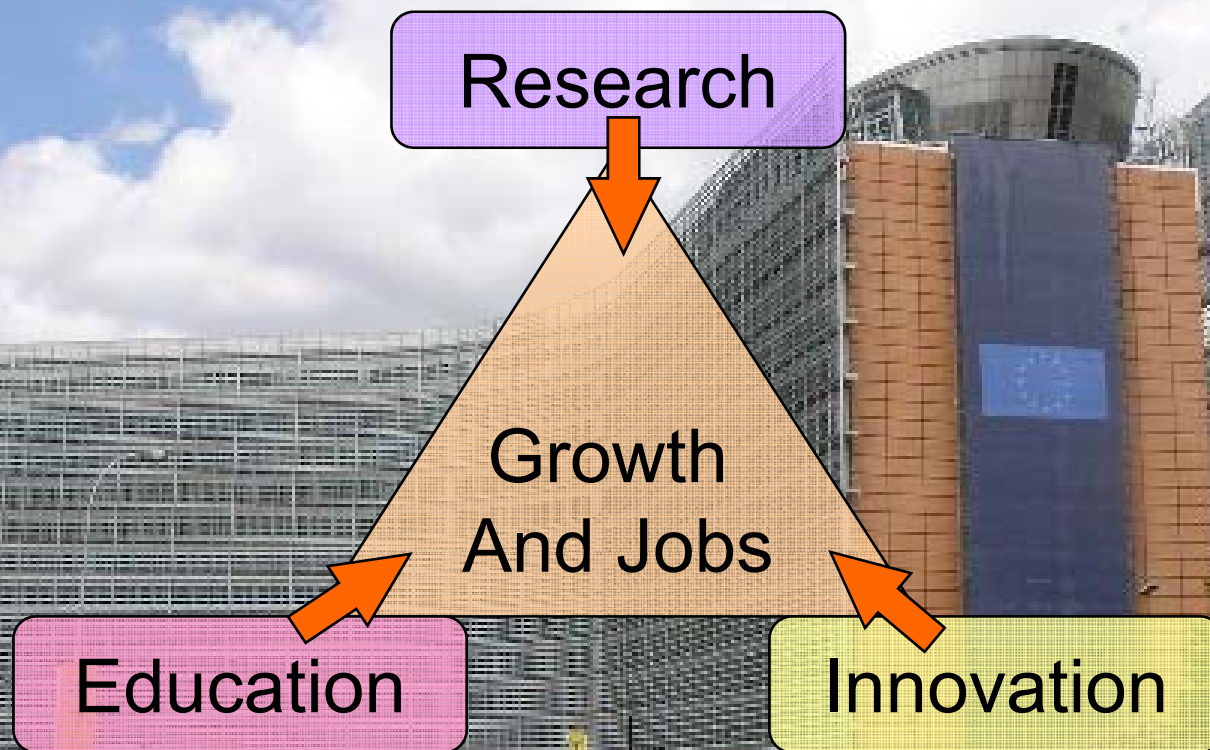


World Business Council for
Sustainable Development

The Dimensions of Sustainability



Lisbon strategy




Science & Technology contributes to the **Lisbon** objectives: economic **growth**, **employment** creation, **environmental** protection, **social** challenges: fight **poverty**, improve human **health** and **quality** of life (GSM, remote working, safe roads, etc.)

Gothenburg Declaration 2001

- **EU Sustainable Development Strategy approved**
‘furthers the Union’s political commitment to economic and social renewal, adds a third, environmental dimension to the Lisbon Strategy & establishes a new approach to policy making’
- **Transport is seen as one of the four priority areas where sustainability policy development has to be put on a faster track**
‘Council invites industry to take part in the development & wider use of new environmentally-friendly technologies in sectors such as energy and transport.’

The ambitions of the EC Transport White Paper



Shifting the balance between transport modes
Reducing bottlenecks
Placing users at the heart of transport policy
Managing the effects of transport globalisation

WHITE PAPER

6th Framework Programme

- Sustainable development, global change and ecosystems
 - Sustainable energy systems
 - Global change and ecosystems
 - Sustainable transport systems
 - Developing Environmentally Friendly Transport Systems And Means Of Transport
 - Making surface transport safer, more effective and more competitive



MAKING SURFACE TRANSPORT SAFER, MORE EFFECTIVE AND MORE COMPETITIVE

Increasing road, rail and waterborne safety
and avoiding traffic congestion

- Objectives:
 - Maximising safety and well being of drivers, passengers and crew
 - Increasing the capacity of existing and new transport infrastructure
- Focus:
 - Integrating service information on the condition of transport routes
 - Seamless and intelligent interaction between vehicles/vessels and infrastructure

Heavy Route



- Provides the fastest, safest and most efficient routes for Heavy Goods Vehicles considering infrastructure bearing capacity, condition and actual traffic conditions
- Offers real-time support to the driver with warnings & information to maintain/improve safe & efficient driving



Thank you
for your
attention!

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