



EUROPEAN
COMMISSION

Community research

**Arches/
SPENS**

**The
context**

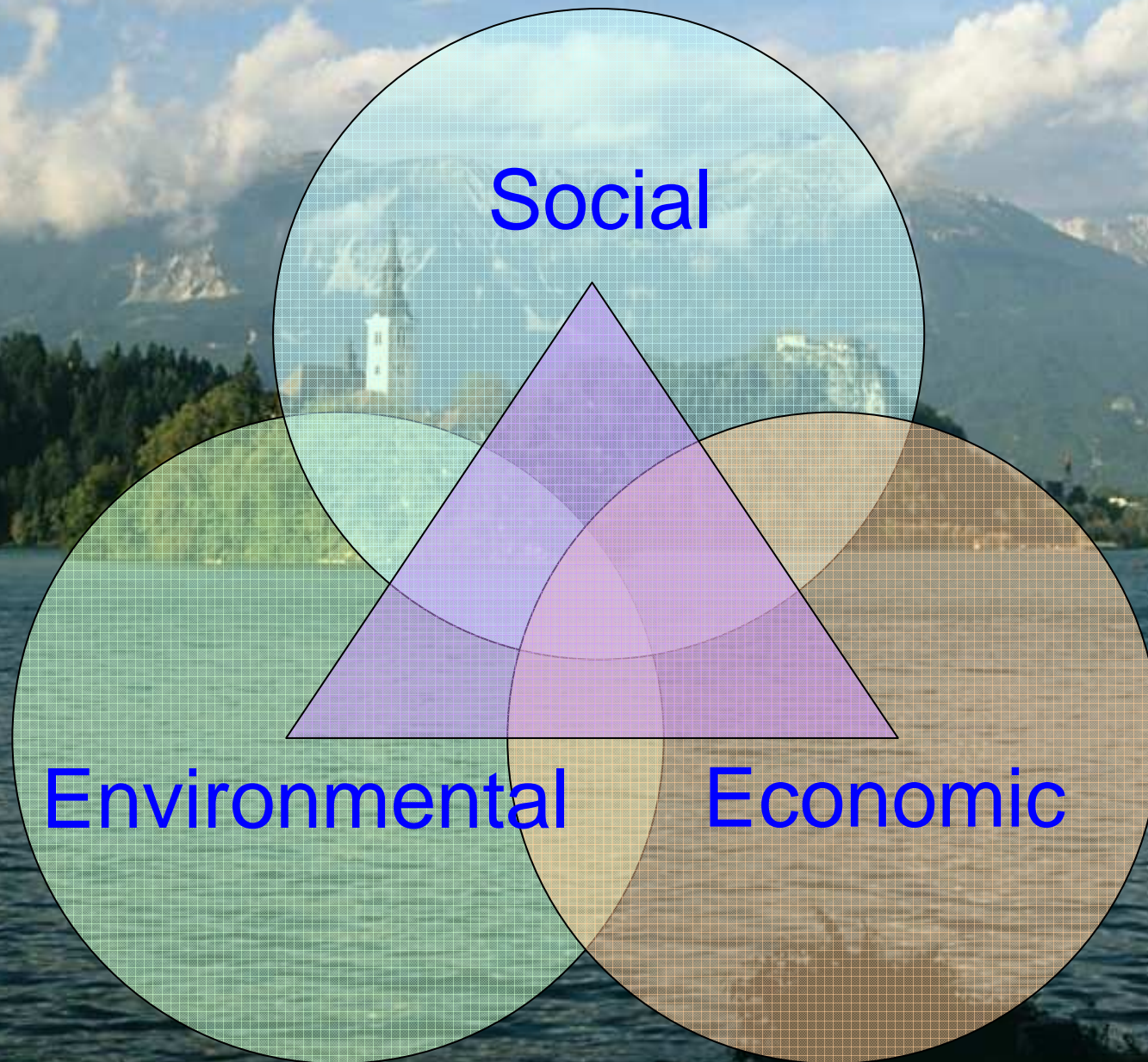
Sustainable Mobility

“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”

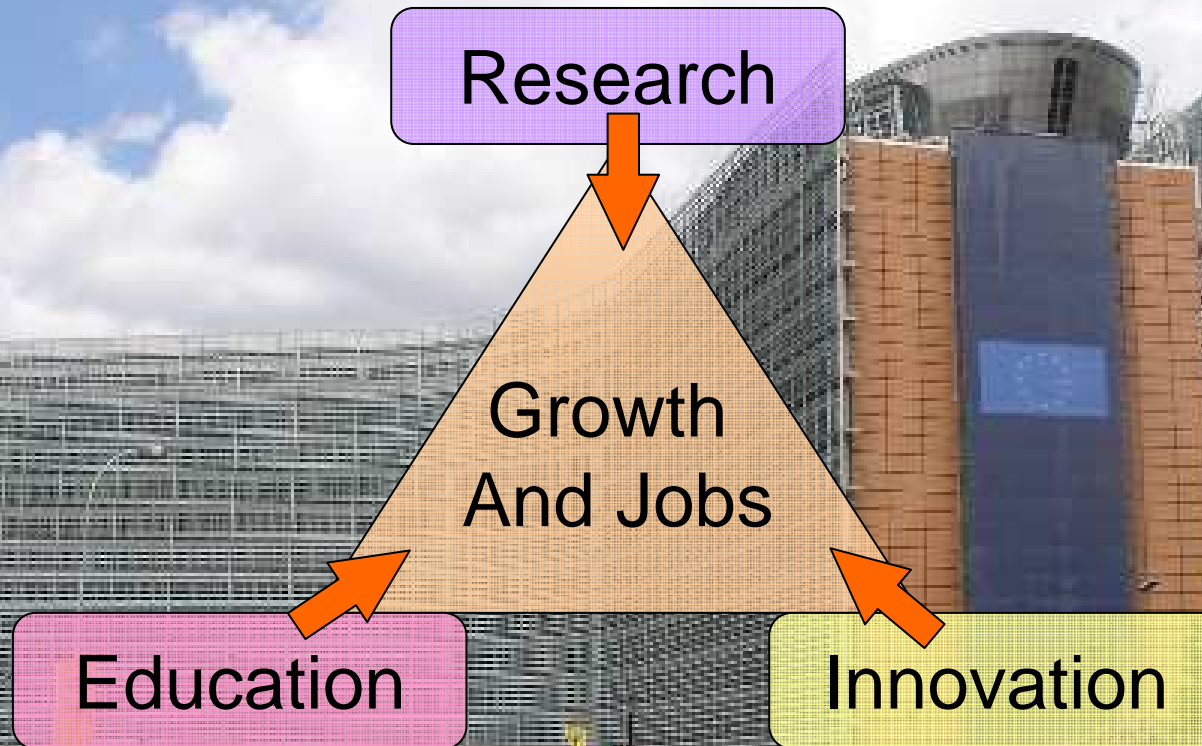


World Business Council for
Sustainable Development

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

- 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



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

DEVELOPING ENVIRONMENTALLY FRIENDLY TRANSPORT SYSTEMS AND MEANS OF TRANSPORT

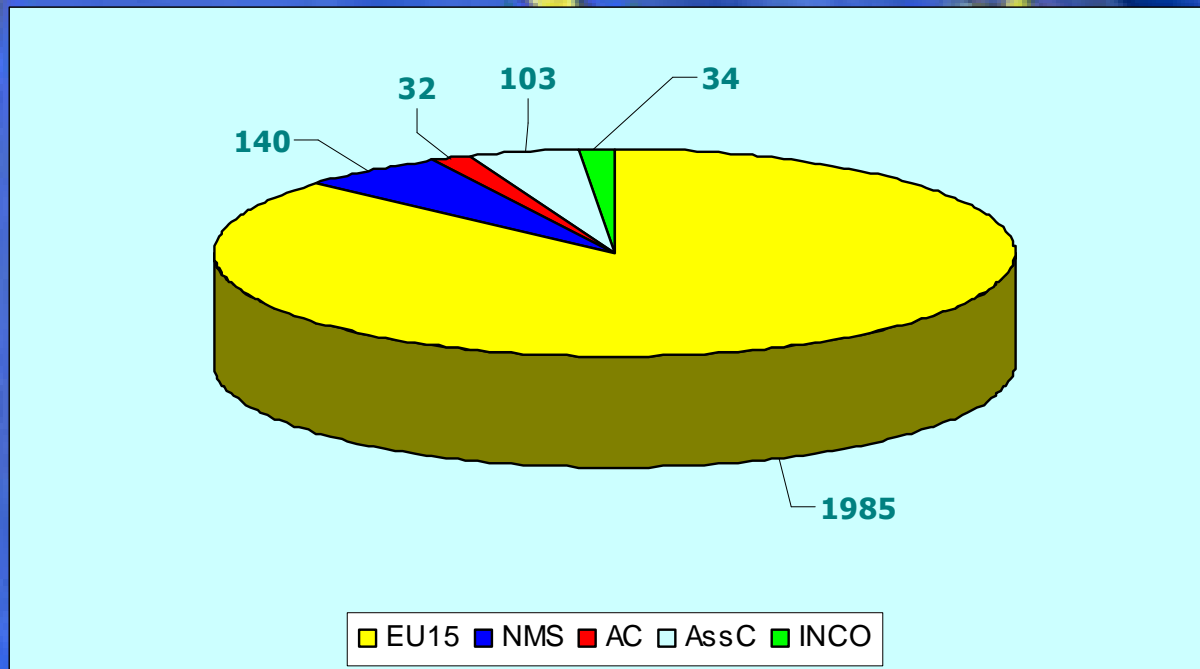
Advanced design and production technologies

- **Objectives:**
 - Improved product quality
 - Enhanced safety
 - Effective recycling
 - Greater comfort
 - Cost effectiveness of operations
 - Environmentally friendly vehicles/vessels and infrastructure
- **Focus:**
 - Processes specific to surface transport industries: one-off, small series and mass customisation production of complex products
 - Standardisation and integration of production tools and methodologies

3rd Call FP6

- Design and manufacture of new construction concepts for road infrastructure that are high quality, cost effective, energy efficient, low noise, safer, risk mitigating and low maintenance, and that promote rapid infrastructure renewal with special consideration for the needs of New Member States.

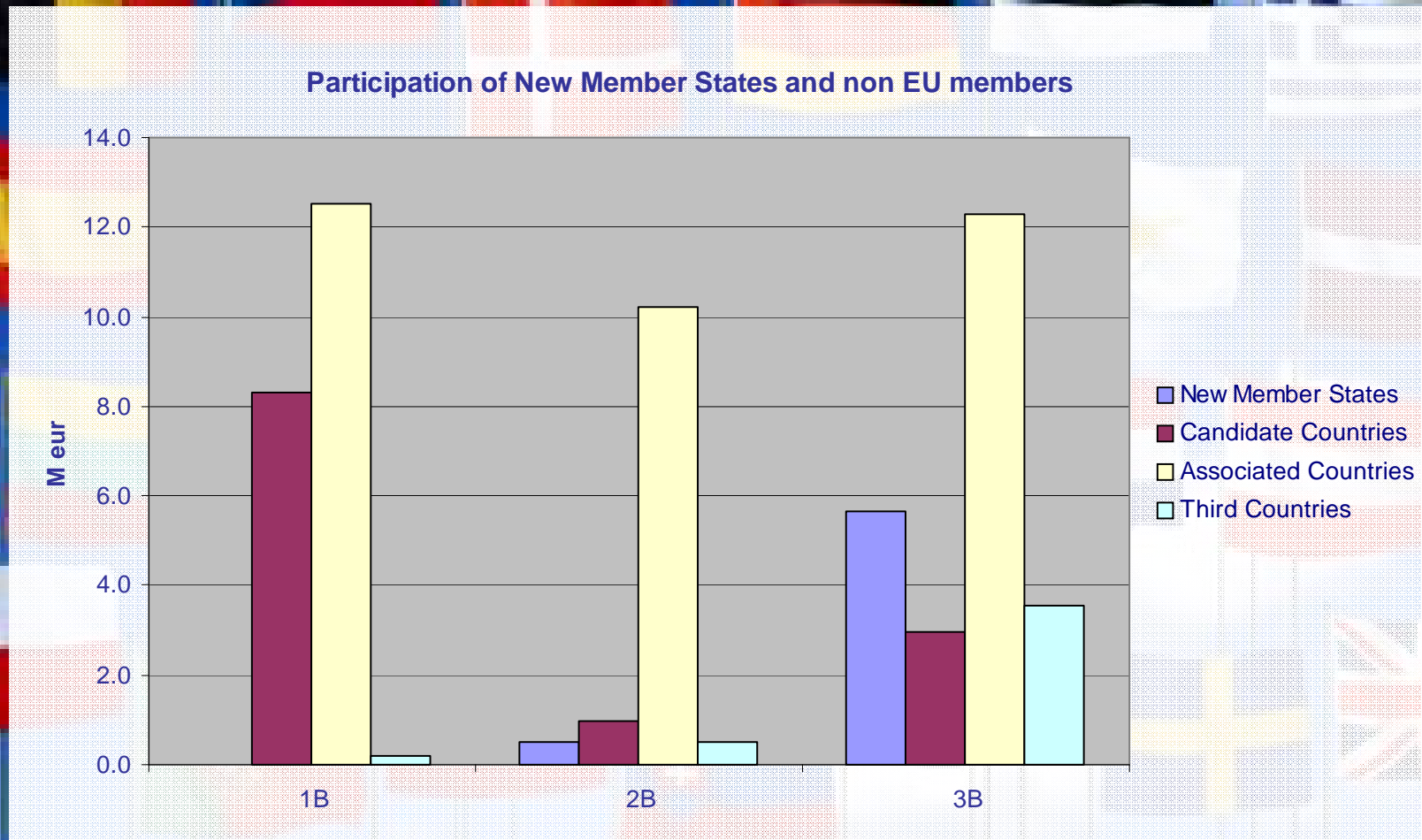
Country participation in FP6 Surface Transport Projects



Very positive response from the NMS

✓NMS+AC represent more than 7.5%

FP6 SST Funding by Country



ARCHES/SPENS/CERTAIN

- Concentrate on NMS issues with a high proportion of NMS participation
- Achieve positive, effective & implementable results
- Stimulate participation of NMS & Candidate Countries in Framework Projects



Thank you
for your
attention!

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