

A. Sustainable Road Transport

- Cleaner Road Transport
- Alternative Fuel Sources
- Towards Quieter Road Transport
- Road Vehicle Passive Safety
- Integrating Active and Passive Safety
- The Networked Vehicle
- Enhanced Production Systems
- Road Vehicles as a Service to Society

B. Efficient and Interoperable Railways

- Towards Quieter Railways
- Electro-Magnetic Compatibility
- Energy
- Passive Safety
- Combining Active and Passive Safety
- Interoperability
- Materials and Manufacturing
- Infrastructure

C. Competitive Maritime Transport Chain

- Clean Maritime Transport
- Clean and Efficient Ship Propulsion
- Design for Safety at Sea
- Navigation Tools for Safe Operation
- Robotics for Competitive Shipbuilding and Sea Exploitation
- Virtual Ship, Product Modelling
- Virtual Ship, Product Simulation
- Maritime Technologies for Offshore Exploitation

D. Intermodal Transport System

- Sea/Port Interface
- Inland Intermodal Transport

E. Working Together in the European Research Area

- Technology Choices for Sustainable Transport & Development
- SMEs' Role in the Transportation Value-added Chain
- Policy implications on Transport Technology Pathways
- Strength of Technology Partnerships

F. National and International rail research collaboration

- Member States' Rail Research Programmes
- US Research Programmes
- Japan Research Programmes

Congress organisers

The European Commission

Directorate-General for Research
 Directorate H "Land Transport and Marine Technologies"
 Belliard 7 2/14
 B-1000 Brussels, Belgium

In co-operation with

The Spanish Ministry of Science and Technology

Centre for the Development
 of Industrial Technology (CDTI)

The City of Valencia

The University of Valencia

Congress Logistics/Bookings

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For updated information on the programme, please visit:
<http://europa.eu.int/comm/research/growth/>

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FIRST ANNOUNCEMENT

Surface Transport Technologies for Sustainable Development

Valencia, Spain
 4th - 6th June 2002



Sustainable transport at the centre of change

Transport growth, heightened world-wide environmental sensitivity and rising energy costs characterise the new scientific, technical and environmental challenges for the transport industry. To achieve a sustainable transport system i.e. one which supports economic growth with reduced environmental damage, these challenges need to be addressed with clear visions for the future.

The challenges for research and technology

European transport and its supply industry face three critical challenges:

- Promoting a Cleaner Environment
- Improving Transport Safety
- Maintaining European Competitiveness

Visions for the future

- Europe's future transport system must meet the expectations of European citizens for travel and transport, support economic and social growth, attract and foster new business and preserve our environment and quality of life.
- The transport manufacturing sector will have to supply user-friendly, economically viable and sustainable products and services.
- Collaboration between industry, SME's and research communities is needed to develop the technical advances necessary to achieve the vision of a sustainable Europe.

The conference on 'Surface Transport Technologies for Sustainable Development' addresses the technological and industrial development challenges facing the rail, road and maritime transport sectors in order to meet the goals of sustainable mobility.

Investment in scientific and technology development is essential to create the next generation of sustainable transport systems.

The event focuses on developing a vision for the future and how this can be achieved in the context of European, national and industrial transport and research policies.

An exhibition is being organised to support the conference and reinforce its aims. The exhibition will provide an insight into possible future developments, with emphasis on the added value of co-ordination in the European Research Area.

Tuesday 4th June 2002

Welcome Addresses

Keynote speeches by:

- Ms. Rita Barberá, Mayor of Valencia*
- Mr. Philippe Busquin, EU Commissioner for Research
- Ms. Anna Birules, Spanish Minister of Science and Technology
- Mr. Carlos Westendorp y Cabeza, Chairman of the Committee on Industry, External Trade, Research and Energy of the European Parliament*

Opening Plenary Session I "Transport 2020: Investment in New Technology Research"

Senior Representatives of:

- Spanish Industry
- Rail Industry
- Road Industry
- Maritime Industry

Opening of Exhibition and Multi-Media Presentation Area

Parallel Sessions: Discussing research and policy issues relevant to the specific transport modes

Wednesday 5th June 2002

Plenary Session II

- Transport and Safety
- Transport and the Environment
- Transport and Improved Processes

Parallel Sessions

Thursday 6th June 2002

- Parallel Sessions
- Closing Plenary Session III