

FINAL
PROGRAMME



TRANSPORT AND ENERGY

The Challenge of Climate Change

CONGRESS CENTRE
LEIPZIG
28-30 May
2008

*A Worldwide Platform for
Transport Ministers,
Industry & Civil Society*



WELCOME

FIRST FORUM
LEIPZIG
28-30 May
2008



Anu Vehviläinen
Minister of Transport
Finland

The International Transport Forum was launched by Transport Ministers to attract additional public and political attention to the strategic importance of the transport sector and the immense challenges it faces. Mobility is part of the fabric of our modern societies to the extent that we often take it for granted. But the issues at stake are in fact complex and policy-makers and private stakeholders increasingly need to work together to address them at all levels. Global warming and transport is without doubt one of the most compelling such challenges we face.

It is a privilege for Finland to be the first country to preside over the International Transport Forum and its first annual meeting. On behalf of the Ministers of the Forum's 51 Member Countries, it gives me great pleasure to bring this important event to your attention. We hope to have the pleasure of seeing many of you in Leipzig.



Wolfgang Tiefensee
Minister of Transport
Germany

An efficient and innovative mobility sector that organizes economically and ecologically efficient traffic flows and processes is a key prerequisite for growth and employment. Our prospects for the future are thus directly dependent on the efficiency of the transport system. At the same time, greater efficiency also means less energy consumption, thereby making a contribution to the security of energy supply for transport and reducing CO₂ emissions from transport, especially when it is combined with the use of new technologies. There is enormous scope for greater efficiency in transport planning and operations, and exchanging experience at an international level is an excellent way to achieve these gains.

Leipzig has for centuries been an economic hub and an important trade route. It is a particularly apt venue for the first meeting of the International Transport Forum, which is to be held from 28 to 30 May 2008. Invitations have been extended to prominent representatives from industry, civil society and the research community, creating the conditions for Leipzig to host a truly international «think tank» on energy and greenhouse gas emission strategies in the transport sector.



Jack Short
Secretary General
International
Transport Forum

Climate change and growing energy consumption are the subject of increasing political attention worldwide. For transport, finding the right balance between facilitating access and exchanges and reducing transport emissions and dependence on oil is perhaps the greatest challenge that the sector has faced.

The Forum provides a unique opportunity for sector leaders – both private and public – to chart the strategies and measures that will need to be put in place, nationally and internationally, if the sector is to contribute to the aim to reduce global emissions by around 50% over the next half century. Preparatory work, for example on instruments, alternative fuels and behaviour is providing new ideas and analyses on the options available and on their effectiveness and costs. This combination of key actors and up-to-date analysis provides the essential ingredients for the sector to set out an ambitious and responsible way forward.



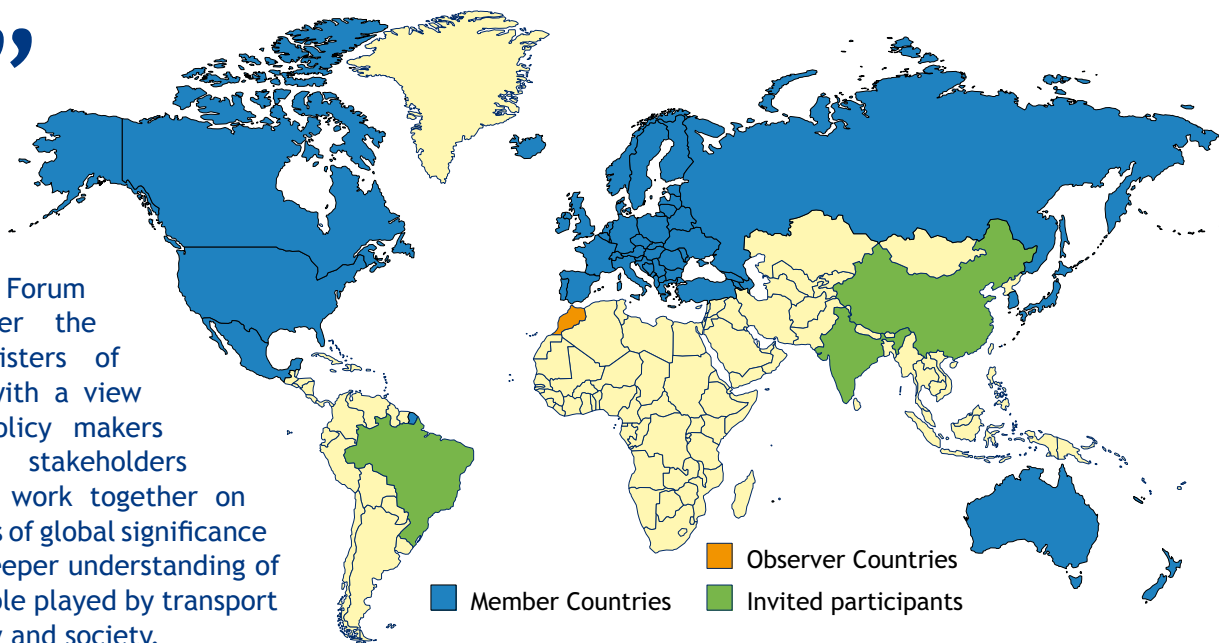
Presenting the Forum

“ To foster a deeper understanding of the essential role played by transport in the economy and society ”

An inter-governmental organisation within the OECD family, the International Transport Forum was established as a successor to the European Conference of Ministers of Transport (ECMT) which for over fifty years has contributed to creating an integrated transport system that is economically efficient and meets environmental and safety standards. The ECMT has served its members well, but in a rapidly changing world, the transformation of ECMT into a more open and global body is a reflection of the need to serve not only Ministries, but also society in general in a more relevant and dynamic way.

As a high level think tank at the service of policy-makers, researchers and civil society, the Forum has the aspiration of filling a crucial missing link in transport discussions in our society today. The engagement and involvement of such a broad range of actors **makes the International Transport Forum truly unique.**

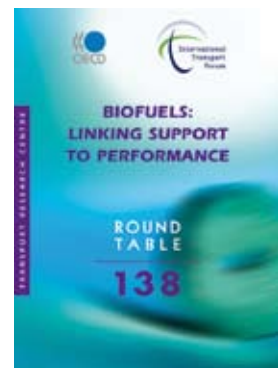
Today, the Forum brings together the Transport Ministers of 51 countries with a view to offering policy makers and private stakeholders a platform to work together on transport issues of global significance and foster a deeper understanding of the essential role played by transport in the economy and society.



An annual meeting of Ministers and civil society

The highlight of the International Transport Forum’s activities is its **annual meeting**, where key figures from government and politics, business and industry, as well as research and civil society are invited to debate on a topic of strategic importance and interact with those responsible for shaping the international transport policy agenda. The conclusions of the annual Forum meetings are expected to act as important signals to the transport sector and society at large.

These annual meetings are supported by in-depth policy, regulatory and statistical analysis work whose foundations lay with the extensive body of transport knowledge developed since 1953 resulting in over 200 technical and policy publications.



SAVE THE DATE 27-29 May 2009 Transport & Globalisation

www.internationaltransportforum.org

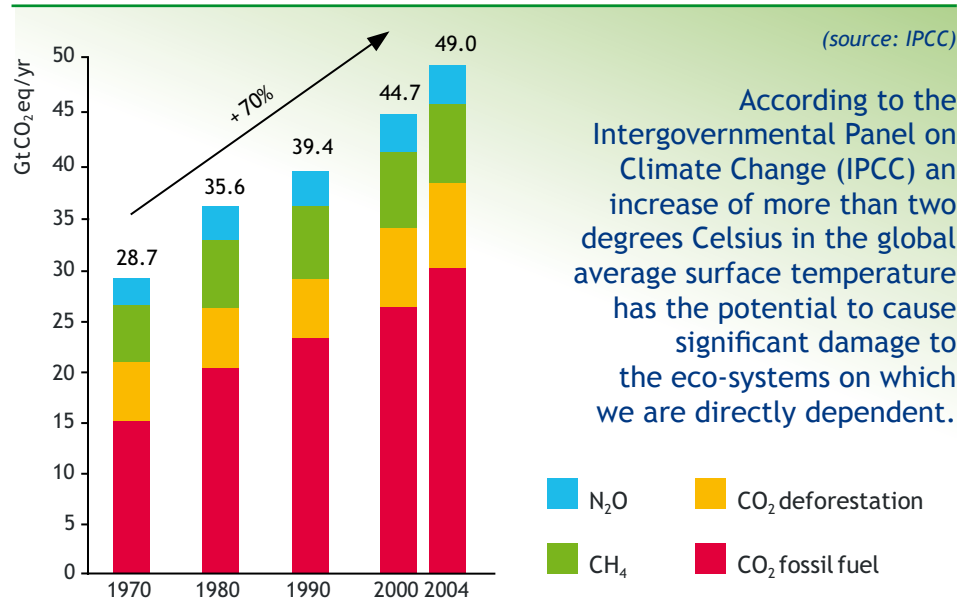


Transport and Climate Change

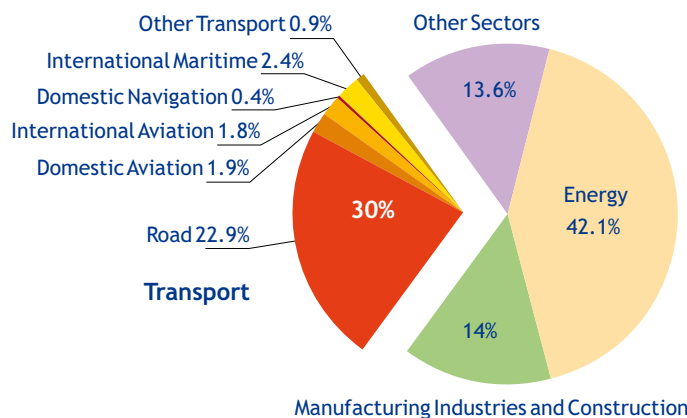
“ Within the transport sector, policies currently tend to focus on some of the higher cost measures available, whilst some low cost measures are neglected. ”

Cutting Transport CO₂ emissions, 2007, OECD/ITF

Global anthropogenic greenhouse gas emissions, 1970-2004



CO₂ emissions from fuel combustion in OECD economies, 2005



Transport's share of CO₂ emissions is gradually increasing in all regions of the world: its share of world emissions from fuel combustion stands at 30% in OECD economies.



Carbon Compensation Scheme ▶ SANTA LÚCIA II SMALL HYDRO PLANT

The International Transport Forum is pleased to announce that efforts have been made to compensate carbon emissions arising from the organisation of the annual meeting. A carbon offset charge levied from all delegates will fund a renewable energy project in Brazil.

The Santa Lúcia II hydro plant uses water from the Juruena River to generate electricity with 7.6 MW installed capacity. The equipment used in the project was developed and manufactured in Brazil. It is located right next to its sister plant, Santa Lúcia I, to tap all the flow of the river. This run-of-river project does not have any dam or water storage, and therefore makes complete use of the water flow.

Santa Lúcia II improves the local supply of electricity with clean, renewable hydroelectric power in contrast with the large hydropower and natural gas fired plants built in the last 5 years in the Mato Grosso region which is developing at a very fast rate.



Programme at a Glance

28 May 2008 Research, Industry and Stakeholders' Day

9:00 Opening of Forum 2008 and Exhibition

10:00 WORKSHOPS

Hall 2 **Advances in Energy-efficient Transport Technologies**

- Julia King, Aston University
- John Heywood, Massachusetts Institute of Technology
- Jürgen Lehold, Volkswagen
- Patrick Oliva, Michelin
- Stephan Herbst, Toyota Europe
- Jos Dings, T & E
- Volker Schindler, Technical University of Berlin

Core discussion group

- Greg Archer, Low Carbon Vehicle Partnership
- Paul Nieuwenhuis, Cardiff Business School
- Paul Jenne, Van Hool
- Vincent Blervaque, ERTICO
- Gary Kendall, WWF
- Ian Hodgson, European Commission
- Pierpaolo Cazzola, IEA
- Harry Turpeinen, Neste Oil Corporation

Hall 3 **Changing Behaviour in Passenger Transport**

- Gerd-Axel Ahrens, Dresden University
- Bruce Schaller, New York Transportation Commission
- Alain Bonnafeou, Laboratoire d'Économie des Transports
- Phil Goodwin, West of England University
- Sungwon Lee, Korea Transport Institute
- Dan Sperling, University of California, Davis

Core discussion group

- Lee Schipper, World Resources Institute
- Anthony May, Leeds University
- Adolf Müller-Hellman, VDV
- Cyril Condé, RATP
- Walter Hook, Institute for Transportation & Development Policy
- Carlo Sessa, ISIS

15:00 WORKSHOPS

Hall 2 **Reducing CO₂ Emissions in Goods Transport**

- Werner Rothengatter, Universität Karlsruhe
- Alan McKinnon, Heriot Watt University
- Barbara Lenz, DLR
- Erik van Agtmaal, Green Logistics Consultants Group
- Hasse Johansson, Scania

Core discussion group

- Jan-Anne Annema, Netherlands Institute for Transport
- Keith Ulrich, DHL
- Jan-Olov Lundow, Bombardier Transportation
- Willem Heeren, Jan de Rijk

Hall 3 **Transport CO₂ Emissions in Emerging Economies**

- Marc Juhel, The World Bank
- Ralph Gakenheimer, Massachusetts Institute of Technology
- Sanjivi Sundar, The Energy and Resources Institute (TERI)
- Manfred Breithaupt, GTZ
- K.G. Duleep, EEA-ICF

Core discussion group

- Feng An, ICET
- Vadim Donchenko, NIAT
- Michael Walsh, Car Lines
- K.L. Thapar, Asian Inst. of Transport Dev.
- Lew Fulton, IEA
- Sergio Sanchez, Clean Air Institute
- Reiner Koblo, KfW Entwicklungsbank
- A. Ganguli, Society of Indian Automobile Manufacturers

17:30 Visit of train exhibit - Leipzig Central Station

19:00 St Thomas Choir - St Thomas Church

19:30 Welcome reception hosted by the Finnish Presidency - Museum of Fine Arts

Simultaneous interpretation will be provided in English, French, German and Russian





Programme at a Glance



Angela Merkel
Chancellor of the Federal Republic of Germany



Yvo de Boer
Exec. Secretary, UN FCCC



Thomas Enders
CEO, Airbus



Claude Mandil
Former Executive Director, IEA



Hartmut Mehdorn
Chairman, Deutsche Bahn



Thierry Morin
CEO, Valeo

29 May 2008 Dialogue between Political Decision-makers and Key Actors

9:00 **OPENING REMARKS**
 Anu Vehviläinen, Minister of Transport, Finland
 Wolfgang Tiefensee, Minister of Transport, Germany
 Jack Short, Secretary General, International Transport Forum

9:30 **KEYNOTE ADDRESSES**

- Rajendra Pachauri, Chairman, UN IPCC
- Yvo de Boer, Executive Secretary, UN FCCC
- Pekka Himanen, University of Helsinki

11:00 **Ministerial-Industry Panel**
Prospects for an energy-efficient, low carbon future for transport
CHAIR: Camiel Eurlings,
 Minister of Transport and Water Management, Netherlands

- Liv Signe Navarsete, Minister of Transport, Norway
- Ivan Hodac, Secretary General, ACEA
- Nobuo Tanaka, Executive Director, IEA
- Thomas Enders, CEO, Airbus
- Jack Jacometti, Vice-President, Shell
- Thierry Morin, CEO, Valeo

RAPPORTEUR: Claude Mandil, Former Executive Director, IEA

12:30 **Angela Merkel, Chancellor of the Federal Republic of Germany**

13:00 Lunch

15:00 **Ministerial-Industry Panels**

Hall 2

Introducing energy-efficient transport technologies

Hall 3

Implementing integrated policies and planning



Camiel Eurlings
Minister of Transport
and Water Management
Netherlands

CHAIR: Wolfgang Tiefensee,
Minister of Transport, Germany

- Tyler Duvall, Assistant Secretary, USA
- Peter Augustsson, Former CEO, SAAB
- Thierry Morin, CEO, Valeo
- Spyros Polemis, Chairman, International Chamber of Shipping
- Hartmut Mehdorn, Chairman, Deutsche Bahn
- Hans-Jorg Grundmann, CEO Mobility, Siemens

RAPPORTEUR
Julia King, Aston University

CHAIR: Moritz Leuenberger,
Minister of Transport, Switzerland

- Dominique Bussereau, Secretary of State, France
- Binali Yildirim, Minister of Transport, Turkey
- Scott Price, CEO, DHL Express Europe
- André Navarri, President, Bombardier Transportation
- Klaus Axelsen, Group VP, A.P. Moeller-Maersk A/S
- Joakim Larsson, Vice Mayor, Stockholm
- Peter Hendy, Commission on Integrated Transport

RAPPORTEUR
Werner Rothengatter, Universität Karlsruhe



Rajendra Pachauri
Chairman, UN IPCC

17:00

Ministerial session

19:00 Cocktail

20:00

Gala dinner - Congress Centre Glass Hall



Pekka Himanen
University of Helsinki

30 May 2008

Concluding Day - Key messages & Way Forward



Werner Rothengatter
Universität Karlsruhe

9:30

Panel Findings & Key Messages

CHAIR: Anu Vehviläinen, Minister of Transport, Finland

Claude Mandil, Former Executive Director, IEA
Julia King, Vice-Chancellor, Aston University
Werner Rothengatter, Universität Karlsruhe



Julia King
Vice-Chancellor, Aston
University

10:45

International Architecture Panel

Panel discussion with international organisations moderated by **Melinda Crane,** Journalist
Closing contributions: **Marek Belka,** Executive Secretary, UNECE
Anu Vehviläinen, Minister of Transport, Finland and **Jack Short,** Secretary General, ITF



Nobuo Tanaka
Executive Director, IEA

13:00

Concluding Press Conference



Field Visits



DHL's European Hub



Deutsche Post World Net has completed its state-of-the-art air hub in Leipzig/Halle. The new hub sets industry standards with the largest sorting system in Germany and a hangar with a floor space of 23 000 square metres. It will provide 3 500 new jobs. Leipzig/Halle is one of the most important hubs - alongside Hong Kong and Wilmington (USA) - in DHL's global network. Any working day up to 60 DHL airplanes will be using the new airport and handle up to 2 000 tonnes of freight.

VISITS* 28 May - 22:00 • 29 May - 23:00 * pre-registration required



World Class Manufacturing at BMW

BMW's manufacturing plant is one of the youngest and most modern automobile manufacturing plants worldwide. Since 2005 the plant manufactures vehicles for customers throughout the world. The production includes the BMW 1 and 3 class - vehicles which already have innovations for reduced fuel consumption (BMW EfficientDynamics) and therefore contribute to a significant reduction of CO₂ emissions.

It is an exciting and fascinating experience to take a look behind the curtains and see how a BMW comes into being. During a comprehensive guided tour you get access to the vehicle production, such as the welding together of the car body, the varnish, or the individual fittings tailored to customers' wishes.



VISITS* 28 May - 13:30 • 29 May - 17:30 • 30 May - 13:30 * pre-registration required



Innovation in Rolling Stock at Leipzig Train Station



Deutsche Bahn is already a pioneer in the field of climate protection. In 2002, the Climate Change Programme 2020 was launched with the aim of consistently extending the environmental advantage of rail over other modes. Our goal is to cut carbon emissions from our transport activities by at least 20% by 2020 this in comparison to 2002. Deutsche Bahn is well on its way to achieving this target; at the end of 2007, CO₂ emissions had already been reduced by approximately 12.8%.

Good performance in climate protection has many reasons: a modern fleet of trains working at full capacity, climate-friendly installations and drivers trained in energy saving techniques. Since 2004, ecodriving, has been in place on our passenger lines, moreover, on rail freight transport ecodriving has prevented the emission of 57 000 tons of CO₂ since 2005.

View the results of our work through presentations in and around the main train station in Leipzig (platforms 16/17 and dispatching centre) and test our driving simulator at the Congress Center.

VISITS 28 May - 17:30 • 29 May - 16:00 - 19:00



Other Activities

► OPEN FORUM

The Open Forum is an interactive discussion platform available to researchers, public authorities and industry through the annual meeting of the International Transport Forum.

Its main objective is to encourage clustered exchanges around specific topics related to the overarching theme of the Forum. Its interactive format makes it highly suitable for presentations of ongoing research programmes, best practices that have demonstrated their cost-effectiveness and technological solutions related to the exhibition displays.

PROGRAMME	Wednesday 28 May	13:15 - 14:45	Hall 5	Climate Change and Transport
		13:15 - 14:45	Exhibition Area	The future of energy supplies <i>With Uppsala Hydrocarbon Depletion Study Group</i>
	Thursday 29 May	13:30 - 14:45	Exhibition Area	Ecodriving - <i>with the ECODRIVEN project</i>
		17:15 - 18:45	Exhibition Area	Advances in clean vehicle technologies
		17:15 - 18:45	Hall 5	Addressing climate change - initiatives at local and corporate level

► PRIZES

The International Transport Forum together with international juries composed of high-level experts on mobility issues will be awarding prizes to companies for their mobility management plans and young researchers for innovative policy research on potential reduction of transport-related greenhouse gas emissions. The award ceremony will take place during the Forum's Gala Dinner in the presence of the Ministers of Transport of the Forum member countries.

Award Ceremony 29 May - 20:00

► ST THOMAS CHOIR

The boys' choir of the Thomaskirche, was founded in 1212 and is one of the oldest and most famous boys' choirs in Germany. It is headed by the Thomaskantor, an office that has been held by many well-known composers and musicians, including Johann Sebastian Bach from 1723 until his death in 1750. Bach was musical director for the church choir, City Hall and University which in effect made him musical director for the whole city. His grave is to be found in the choir in the church.

St Thomas Church 28 May - 19:00



► CHILDREN'S UNIVERSITY



On the occasion of the International Transport Forum, Leipzig schoolchildren aged 8-11 will be invited to ask questions to several Ministers and scientists at a special Children's University ("KUNI") devoted to Transport & Global Warming.

A popular concept throughout Germany, the Children's University benefits children and adults by engaging them in a meaningful discussion on the facts and remedies to societal issues while recognising that young people can have in triggering behavioural changes.

City Hall 28 May - 17:00



Congress Centre Leipzig



The CCL Congress Center Leipzig is an integral part of the new Leipzig Exhibition Center that opened in April 1996. In a parkland setting, it combines the highest architectural aspirations with the very latest in multimedia and telecommunications technology. The CCL also offers the flexibility of combination with the directly adjacent exhibition halls and the Glass Hall - a breathtaking steel and glass building.

CCL is a facility accessible to all visitors 

▶ TRANSPORT AND TRANSFER INFORMATION

It takes only 15 minutes to get straight from the **Congress Centre Leipzig** to the centre of Leipzig: either by car via the newly built B2 highway or the number 16 tram.

Transfer of participants to/from Leipzig/Halle Airport and Leipzig Central Rail Station to/from the official Forum Hotels, as well as between these Hotels, conference venue and ancillary events will be provided. Your Forum badge will be accepted as a valid ticket on board all forms of public transport in Leipzig city throughout the Forum.

Congress Centre Leipzig
Messe-Allee 1, 04356 Leipzig



LIST OF FORUM EXHIBITORS

Allgemeiner Deutscher Fahrrad-Club e.V.	Industrie- und Handelskammer Magdeburg
British Airport Authority - Stansted	Korea Railroad Research Institute
CER - UIC - UNIFE	Modalohr
Challenge Bibendum / Michelin	OECD
CPE Berlin	Sachsen-Anhalt Region
Connekt - NL	SenterNovem
Deutsche Bahn AG	Stadt Leipzig
DHL - Deutsche Post World Net	Transrapid International GmbH & Co. KG
FGM-AMOR	UIRR
GVZ Logistic	Vägverket (Swedish Road Administration)
Hyundai	Valeo



Welcome to Leipzig



Leipzig



*Lord Mayor Burkhard Jung
Leipzig*

As Lord Mayor it is a great pleasure and honour that the International Transport Forum will organize its annual conference from 2008 on in our city. The City of Leipzig and its citizens welcome you cordially.

For centuries Leipzig has benefited from its advantageous position within the trans-European transport network. The city's location at the crossing of two continental trade routes was an essential factor behind the emergence of the Leipzig Fair over 800 years ago, rapidly rising to become a trade centre of global reputation. Nowadays at the dawn of the 21st century, roads, railways and air routes are all being improved to meet future needs and to tap the enormous potential Leipzig can mobilise within the expanded European Union. The excellent infrastructure is the foundation of the expansion of the city and surrounding region. Investment decisions by renowned companies such as Porsche, BMW, DHL or Amazon would have remained illusory without the long standing and comprehensive investment into the region's infrastructure. This decision has served as a catalyst for further investments and jobs in our region.

My best wishes for a successful conference. I hope you will find the time for the many beauties of our city.

*Burkhard Jung
Lord Mayor of the City of Leipzig*

International Transport Forum

TRANSPORT AND ENERGY
The Challenge of Climate Change

FIRST FORUM
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Documents available
in English & French

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OECD



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The background of the page is a composite image. The left side shows a multi-lane highway at night with blurred light trails from cars, indicating traffic. The right side shows a train moving through a lush, green landscape with trees and a body of water, also with motion blur. The overall lighting is a mix of the cool blues of the night highway and the warm greens and blues of the daytime train scene.

www.internationaltransportforum.org