

Climate Express

5th December 2009



Programme

INFORMATION



The electricity for the Climate Express comes from renewable energy sources.



You can buy snacks and beverages at any time in coaches 4 and 9. The food is organic.



As space in the conference coach is limited, entry will be permitted on a "first come, first serve" basis.



This brochure provides a brief overview of all activities on board. You will find further information on the USB stick.



DSB will offer 24h-tickets for public transport in Copenhagen. You will receive your ticket when the train enters Denmark.



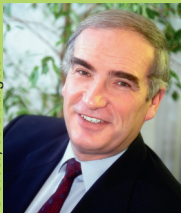
You will find power sockets for notebooks at many seats. Don't hesitate to ask the service-staff for help.



Our Marketplace in coach 9 is a venue for informal workshops. Please pass by at any time.



Coach 6 is our conference coach. You will find the programme and the schedule on page 4/5.



Jean-Pierre Loubinoux
Director General, UIC

Jean-Pierre Loubinoux is UIC Director General. He worked at the Economic Expansion Observatory in Hong Kong before joining SNCF in 1978. He held in the French railway company various responsibilities in Marketing, Freight Services, long-distance services, and others. From 2001 to spring 2009 he was Chairman and CEO of SNCF International and Director of International Development at SNCF.

Preface

Dear Ladies and Gentlemen,

Welcome on board the Climate Express from Brussels to Copenhagen!

Today no one questions the importance of fighting climate change. It is a global issue. We are all concerned as individuals and as business players. Emissions from transport are growing fast, and as representatives of the industry we have a special responsibility to fulfil. The rail sector as the low carbon transport mode is ready to be part of the solution.

I am convinced that positioning railways as the preferred mode of choice of our society and enabling modal shift is the main approach to reduce CO₂ emissions from the transport sector. Therefore a paradigm shift towards low carbon transport is required with solutions scaled to the size of the challenge.

I would like to invite you to take the opportunity to develop solutions together, today on board of our Climate Express.

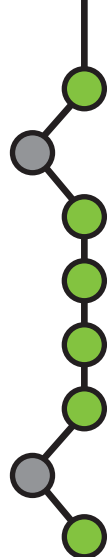
The rail community encourages you to 'Keep Kyoto on Track' and 'Seal the Deal' in Copenhagen.

Bon voyage!



Programme Conference Coach (No.6)

09.10	Departure Brussels	
09.15	Welcome by Jean-Pierre Loubinoux, UIC Director General	
09.30	Updating Climate Science: What is at Stake?	<i>page 8</i>
10.30	On Track for Copenhagen: Rail and Climate Protection	<i>page 10</i>
11.15	Future of Transport: EU's New White Paper	<i>page 11</i>
12.09-12.35	Stop Cologne	
12.40	Lunch served at your seat	<i>page 12</i>
14.00	High Speed Rail - a Sustainable Mode of Transport	<i>page 13</i>









15.15	Benefits of Shifting Freight from Road to Rail..... <i>page 14</i>
16.34-16.37	Stop Hamburg-Harburg
17.00	Including Transport in the Post 2012 Process..... <i>page 15</i>
18.30	Conclusion: Heading towards Copenhagen..... <i>page 16</i>
20.00	Dinner served at your seat..... <i>page 12</i>
20.15	Screening: Age of Stupid..... <i>page 17</i>
22.55	Arrival Copenhagen
23.00	Welcome by Connie Hedegaard..... <i>page 18</i>



Programme Marketplace Coach (No.9)

09.40	Fight Climate Change Event - Jazz and Chat (EU-Commission).....	page 9
10.10	Fight Climate Change Event - Ceremony	
10.30	SNCB-Holding and SNCB Rail Event	
	Marketplace: Workshops on Climate Change	
13.30	Urban Transportation (UITP)	
14.10	More Sustainable Mobility (Germanwatch, Youth Alliance for Future Energy)	
14.50	Gender and Climate Change (Global Gender and Climate Alliance)	
15.15	Bright Green-Initiative (Danish Industries).....	page 9

	16.00	Solar Impulse: Revolution in Transport or in Behaviour? (Dr. Bertrand Piccard)
	17.00	Green Buildings: Combating Climate Change in China (Vanke Corporation/ Vantone Industrial Company)
	17.30	REDD as Part of the Solution (UNEP Climate Hero/Save our Snow Foundation)
	18.00	Walking the Talk
	20.15	Display of the Visual Story by "Bigger Picture"..... <i>page 17</i>
	20.45	Entertainment..... <i>page 17</i>

09.30 - 10.10

Updating Climate Science: What is at Stake?

Climate scientists are calling for a new sense of urgency. Recent findings show that climate change is progressing faster than predicted, global warming seems to be stronger than previously expected and dangerous tipping points, such as the complete melting of the Greenland ice shield, have been identified. As a consequence, the scientific community is concerned that much greater mitigation efforts are needed. Indeed, a number of countries are calling for action to prevent an average global warming above pre-industrial levels of more than 1.5 degrees Celsius – instead of the 2 degrees Celsius threshold that has been the consensus to date.

This panel will give an update on the scientific context and introduce new findings and observations.

Panelists

Prof. Dr. Jean-Pascal van Ypersele, IPCC
Achim Steiner, UNEP
James P. Leape, WWF International

Moderator

Fiona Harvey, Financial Times

**This event takes place in the
conference coach (no. 6).**

09.40 - 10.30*

Fight Climate Change

The "Fight Climate Change" campaign of the Directorate-General for the Environment of the European Commission aims to raise awareness about the importance of taking individual action for climate protection and to increase the pressure on national governments to take a step forward and cut down CO₂ emissions. Everyone is encouraged to leave a message on the website www.fight-climatechange.eu powered by the World Climate Community. 27 messages will be handed over officially to the EU negotiators attending the UN conference on climate change in Copenhagen in December 2009.

15.15 - 15.45*

"Bright Green"-Initiative The Danish Model

The international oil crisis hit Denmark hard in the 1970s. It set Denmark on a path to energy independence via home-grown renewable energy and a strong focus on energy efficiency. This two-pronged approach laid the foundations for Denmark both to become a world leader in climate-friendly technology and to demonstrate thereby that economic growth and energy efficiency can go hand-in-hand. Since 1980 Denmark has experienced economic growth of more than 75 per cent, while energy consumption has remained virtually constant and CO₂ emissions have fallen. Visit Bright Green on 12th and 13th December on Forum Copenhagen.

10.30 - 11.00

On Track for Copenhagen: Rail and Climate Protection

In a globalised world, transport is becoming ever more important. Transporting goods is the basis for economic development; travelling to work or visiting friends are part of our everyday life. At the same time, transport is one of the fastest growing sectors in terms of greenhouse gas emissions. The challenge is clear: mobility needs to be maintained, while at the same time carbon emissions have to be reduced.

In addition to a general increase in energy efficiency, a shift to low carbon modes of transport will be crucial for future emissions reductions in the transport sector. This panel will present best practices and approaches towards a sustainable transport policy.

Panelists

Guillaume Pepy, SNCF
Yoshio Ishida, JR East
Francisco Cardoso, CP
Dr. Rüdiger Grube, DB

Moderator

Ben Webster, The Times

**This event takes place in the
conference coach (no. 6).**

Panelists

Prof. Dr. Werner Rothengatter,
University of Karlsruhe

Dr. Matthias Ruete, DG TREN

Saïd El Khadraoui, MEP (S&D)

tbc: Mathieu Grosch, MEP (EPP)

Moderator

Dr. Peder Jensen, EEA

**This event takes place in the
conference coach (no. 6).**

11.15 - 12.00

Future of Transport - EU's New White Paper

With its communication 'A sustainable future for transport: Towards an integrated, technology-led and user friendly system' from June 2009, the European Commission started a debate that aims at identifying concrete policy proposals for its next transport white paper scheduled for 2010. The policy paper contains an analysis of trends that will affect the transport sector most until 2020. It points to the effects of transport on climate change and air pollution and acknowledges the role that better integration of different modes of transport can play. While it recognises the importance of ensuring that prices reflect the external costs of transport, at its core, the communication emphasises the need to promote technological change to increase sustainability.

This on-track debate, organised by the European rail organisations CER, EIM, and UNIFE, will bring together policy makers from the European Commission and the European Parliament to discuss the future of transport with transport experts and rail chief executives. Key questions will be whether the Commission has identified the right priorities for its transport policy beyond 2010 and how the Copenhagen climate conference could contribute to the aim of making transport more sustainable.

12.40

Lunch

Wholemeal bread sandwich with
avocado and cheese filling

Apricot pie

Fruit

*You will be served one drink of your
choice from: organic coffee, organic
tea, Bios elderflower grape, Bios red
apple, mineral water (sparkling/still).*

20.00

Dinner

Tagliatelle salad with wild garlic pesto
and tomatoes

Tomato flan with fresh basil and wild
herbs salad

Vegetable kebabs with paprika cream

*You will be served one drink of your
choice from: organic coffee, organic
tea, Bios elderflower grape, Bios red
apple, mineral water (sparkling/still),
beer or wine.*



The food served on board is 100% organic produce.



Panelists

Prof. John Preston,
University of Southampton
Santos Núñez del Campo, RENFE
Aurélia Gravet, Inexia
Barbara Morgante, FS

Moderator

Raimondo Orsini, SDFI

**This event takes place in the
conference coach (no. 6).**

14.00 - 14.45

High Speed Rail - A Sustainable Mode of Transport

In the light of the increasingly important role of high-speed rail services in the European transport market, it is vital to understand the degree to which high-speed rail offers a sustainable choice to passengers. It is widely recognized that high-speed lines attract travellers to the railway system, shifting passengers from road and short-haul flights to rail.

High-speed rail is a highly attractive service for customers, which means high occupancy rates and related low energy consumption and CO₂ emissions per passenger. The opening of high-speed lines in Europe and Asia has been a success story and showcases the huge potential of high-speed rail for modal shift and greening of passenger transport.

The panel will present how high-speed rail can contribute to reduce CO₂ emissions from the transportation sector.

15.15 - 16.00

Benefits of Shifting Freights from Road to Rail

The impact on emissions reductions through shifts in freight transport demand from road to rail is highlighted by the Association of American Railroads (AAR). "If just 10% of long-haul freight now moving by truck moved by rail instead, annual greenhouse gas emissions would fall by more than 12 million tons. Using 'combined' or 'intermodal' transport that links road and rail, greenhouse gas emissions can be reduced immediately by more than 50%.

Today, trucks account for around three quarters of inland freight journeys within the EU. That means there is huge potential in using already existing technology and systems to integrate the railways into these logistical chains and massively reduce the negative environmental effects of transport.

Panelists

Jean-Michel Genestier, SNCF

Rudy Colle, UIRR

Daniel Wieland, DB Schenker

Moderator

Oliver Sellnick, UIC

This event takes place in the conference coach (no. 6).

Panelists

Daniel Bongardt, GTZ

Hans Rat, UITP

Dr. Jacquie Berry, TRL

tbc: Dr. Harald Diaz-Bone, UNFCCC

Moderator

Heather Allen, UITP

**This event takes place in the
conference coach (no. 6).**

17.00 - 17.45

Including Transport in the Post 2012 Process

With Copenhagen only few hours away urgent action on tackling climate change is needed now. This includes addressing greenhouse gas reduction potential from the land transport sector. Today the largest share of transport's CO₂ emissions is emitted by industrialized countries and it is certain that they must accept the burden of emissions already past but if no action is taken, most of the 80% increase estimated by the International Energy Agency (IEA data, 2008) will come from road transport in developing countries.

The panel will present sustainable transport solutions and discuss how transportation emissions can be addressed in a post 2012 agreement.

18.30 - 19:15

Conclusion: Heading towards Copenhagen

Climate change is one of the greatest challenges human kind has ever faced. The international business community, civil society and politicians alike will have to commit themselves to finding a solution to drastically reduce greenhouse gas emissions. Only a combined effort across all sectors and countries will prevent dramatic disasters caused by climate change. The Stern Report has shown that the benefits of early global action to mitigate climate change will be far lower than the costs.

However, time is running short and therefore paving the way for a low carbon future in Copenhagen will be key.

As the train heads to Copenhagen, the panel will wrap up the discussions held during the journey.

Panelists

Achim Steiner, UNEP

Jean-Pierre Loubinoux, UIC

Dr. Artur Runge-Metzger, DG Environment

Nicole Wilke, German Ministry for the
Environment, Nature Conservation and
Nuclear Safety

Jason Anderson, WWF International

Moderator

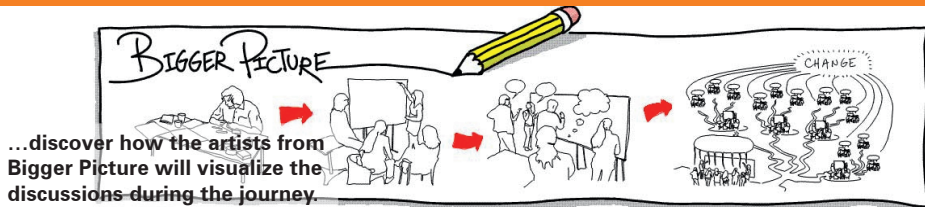
Jörg Haas, ECF

**This event takes place in the
conference coach (no. 6).**

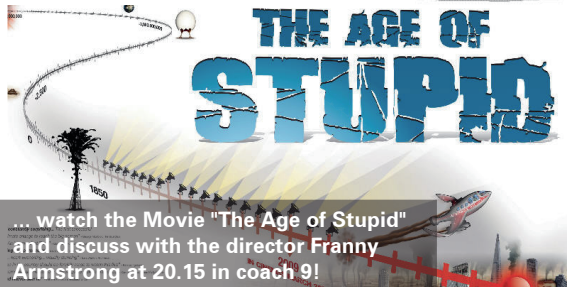
Entertainment in the Climate Express:



...experience the spheres of para sensual intelligence and mind reading with the Magician Magus Magico between Cologne and Hamburg.



...discover how the artists from Bigger Picture will visualize the discussions during the journey.



... watch the Movie "The Age of Stupid" and discuss with the director Franny Armstrong at 20.15 in coach 9!



...have fun with DJ Kerstin Meyer at 20.45 in coach 6.

23.00 - 00.00

Arrival Event: Welcome by Connie Hedegaard

To mark the arrival of the Climate Express in Copenhagen on Saturday 5 December at 22:55, the Danish national train operator will host a small reception at O'Leary, located 150m from the arrival platform at Central Station, where passengers will be warmly invited for a reception.

A welcome address will be given by DSB CEO Søren Eriksen, followed by a greeting by Connie Hedegaard, Danish Minister for Climate and Energy. Then the Danish Carbon Mitigators will perform live jazz, featuring vibraphonist Lee Schipper (aka "the funky physicist") and band members / performers Ole Streenberg (drums) Henrik Dyhrbye (bass) Ole Matthiessen (piano) Jens Søndergaard (sax) and Jens Jørn Gjeds-
ted (jamma).



Heather Allen is Senior Manager for Sustainable Development and responsible for the UITP Charter and UITP international advocacy and outreach on climate change. She is the main contact for UITP work with international agencies such as the United Nations.



Jason Anderson is the head of European Climate Change and Energy Policy at the WWF European Policy Office. He was a lead author of IPCC special reports. Previously he was a senior Fellow at the Institute for European Environmental Policy (IEEP) and Head of the Climate Change programme.



Dr. Jacquie Berry has been Divisional Director of the Centre for Sustainability at the UK's Transport Research Laboratory since 2007, following significant operational and business development experience as director of an international environmental consultancy business.



Daniel Bongardt has been transport policy advisor at the German Technical Cooperation (gtz) since 2009. He spent the previous eight years as a research fellow at the Wuppertal Institute. His current focus is the initiative "Bridging the Gap": Pathways for Transport in the Post-2012 Process.



Francisco Cardoso dos Reis is Chairman of the Board of Directors of Portuguese Railways. He has been director of several Portuguese rail companies and responsible for research on high-speed lines connecting Portugal to Spain since 1997.



Rudy Colle has been Director General at UIRR since 1991 and additionally Chairman of the Board for five months. He is in charge of management and external relations. Mr. Colle is Honorary Consul for the Ivory Coast in Belgium and advisor to the Belgian Minister of Foreign Trade.



Jean-Michel Genestier has been Head of SNCF Fret Public Administration Relations since 2007 and graduated in Environmental Public Relations and Environmental Engineering and Management. He is also Chairman of the Institute for a New Environment (INE).



Aurélia Gravet is Research Officer at Inexia, the engineering arm of SNCF, and thus involved in all studies concerned with sustainable development. With her postgraduate diploma in Management and Sustainable Development she is a specialist in all matters relating to these issues.



Dr. Rüdiger Grube is Chairman of the Management Board and CEO of Deutsche Bahn since May 2009. Before joining Deutsche Bahn, he was a Member of the Executive Board at Daimler AG, where he was responsible for Corporate Development and all North East Asia activities of the group.



Jörg Haas is Program Director for Climate Diplomacy at the European Climate Foundation. Previously, he headed the Department of Ecology and Sustainable Development at the Heinrich Böll Foundation and coordinated its measures on environment and sustainable development in Latin America.



Fiona Harvey is environment correspondent at the Financial Times.



Yoshio Ishida has been President of UIC since April 2009. After the privatisation of Japan Railways in 1987, Mr. Ishida became its General Director and is the Vice Chairman of East Japan Railway Company since 2000. In this role he is responsible for all technical and international affairs.



Dr. Peder Jensen heads the Transport and Energy group at the European Environment Agency. He worked for the European Commission before in the Joint Research Centre in Seville, Spain, where he primarily worked on transport fuels policy.



Saïd El Khadraoui is a Belgian politician and member of the European Parliament. As a representative of the Socialists & Democrats party he is part of the transport and tourism committee. He graduated in modern history at the Université catholique de Louvain.



James P. Leape is Director General of WWF International, a position to which he was appointed in December 2005. Mr. Leape has worked in conservation for more than three decades e.g. as an advisor at UNEP. He is co-author of the leading American text on environmental law.



Barbara Morgante is currently Senior Vice President for Strategy and Planning of Ferrovie dello Stato Holding and member of the Board of Directors of several companies of the FS Group. She was member of several UIC committees and Vice President of RailNetEurope.



Raimondo Orsini is Director of Sustainable Development Foundation, an NGO created in 2008. He has covered the position of Trenitalia's Environment Team Leader for ten years. From 2005 to 2008 he was Senior Advisor for Energy and Environment at the International Union of Railways (UIC).



Guillaume Pepy has been President of SNCF since 2008 and Chairman of Eurostar. After several jobs in the civil service, he has been working for more than 15 years as a Senior Executive in the French railways company, where he has held many positions from Strategy Director to Passenger Director and now CEO.



Prof. John Preston is Chair of Rail Transport and Director of Development of Rail Research at University of Southampton. Furthermore he has been an adviser to the UK railway industry's Passenger Demand Forecasting Executive and is currently an adviser to the House of Commons.



Hans Rat has been the Secretary General of the International Association of Public Transport (UITP) since 1998. He was Chairman of the Commission on Transport Economics, Vice-President, and member of the EU-Committee. He was also President of the Dutch Pedestrians Association.



Prof. Dr. Werner Rothengatter is Head of the Institute for Economic Policy and Research at the University of Karlsruhe. He is also Director of the Department for Transport and Communications and member of several consultant committees on transport policy Europe-wide.



Dr. Matthias Ruete has been Director General for Energy and Transport at the European Commission since 2006. He already held this appointment between 1998 and 2000. Meanwhile he has been Director General for Enlargement (2000-2004) and Enterprise and Industry (2005).



Dr. Artur Runge-Metzger is Head of Unit, DG Environment of the European Commission since 2003. He joined the Commission in 1993 for the Delegation in Zimbabwe and was responsible for bilateral co-operation covering agricultural policies, rural development and environment.



Oliver Sellnick has been responsible for Freight and Passenger Service at UIC since 2005. He has managed the international long-distance business of Deutsche Bahn AG from 2002 onwards.



Achim Steiner is UNEP's Executive Director, United Nations Under-Secretary General and Director General of the UN Office in Nairobi. His track record on sustainable development policy and environmental management has included assignments with governmental and non-governmental organizations.



Ben Webster has been Environment Editor of The Times since July 2009. Before that he spent nine years as Transport Correspondent of The Times. He was named "Most Impressive Transport Journalist" every year between 2003 and 2008 in the annual Mori poll of 75 transport journalists.



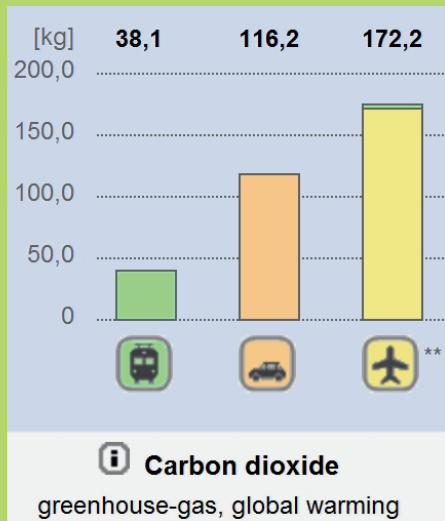
Daniel Wieland is responsible for European Product Management as Vice President Rail Logistics & Forwarding at DB Schenker Logistics. He joined the company in 2004. Previously, he was working for Lufthansa AG and a management consultancy.



Nicole Wilke has been Head of Division, International Climate Policy in the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety since 2004. Furthermore, she is the German Lead Negotiator in UNFCCC and therefore at COP15.



Prof. Dr. Jean-Pascal van Ypersele is Vice Chair of the IPCC. He holds a doctorate in Physics from the Université catholique de Louvain, Belgium, and has specialized in modelling climate and the climate effects of human activities. In 2009, he was elected a member of the Belgian Royal Academy.



Thank you for being an EcoPassenger!

By taking the train you are contributing to climate protection.

UIC and its members have developed a methodology to calculate energy consumption and the emissions performance of different transport modes in the Internet tool EcoPassenger (www.ecopassenger.org). The graph shows the **CO₂ emissions for the journey from Brussels to Copenhagen** for different modes of transport.

What's more: the Climate Express is not producing any CO₂ emissions at all! The needed electricity is additionally obtained by DB from renewable sources. This is a new service DB offers to business travellers and freight operators.

*** incl. feeder by train/car and RFI-factor.*

Organizers



UIC
International Union of Railways
www.uic.org

UIC is the International Union of Railways - the world-wide organisation for international cooperation among railways and for the promotion of rail transport at world level in order to meet the challenges of mobility and sustainable development. UIC has 200 members on all five continents and is headquartered in Paris.

UIC is working continuously to further improve the environmental and sustainability advantages of the rail sector - including its energy efficiency. UIC is also leading the rail sector's work in adapting rail infrastructure to the consequences of climate change.



UNEP
United Nations Environment Programme
www.unep.org

UNEP, established in 1972, is the voice for the environment within the United Nations system. UNEP acts as a catalyst, advocate, educator and facilitator to promote the wise use and sustainable development of the global environment. To accomplish this, UNEP works with a wide range of partners, including United Nations entities, international organizations, national governments, non-governmental organizations, the private sector and civil society.



WWF International
www.wwf.org

WWF is the world's leading independent conservation organization working to solve the most serious environmental issues facing our planet. WWF's solutions-focused and science-based approach underpins our call for a fair, ambitious and legally-binding global agreement on climate change to be agreed in Copenhagen.



Seal the Deal!-Campaign
www.sealthedeal2009.org

The UN-led Seal the Deal Campaign aims to galvanize political will and public support for reaching a comprehensive global climate agreement in Copenhagen in December. As well as featuring a series of initiatives worldwide in the run-up to the Copenhagen meeting, the campaign encourages users to sign an online global petition which will be presented by civil society to governments of the world.



adif
Administrador de Infraestructuras Ferroviarias
www.adif.es



BaneDanmark
BaneDanmark
www.bane.dk



Bright Green
Bright Green Initiative
www.brightgreen.dk



British Council
British Council
www.britishcouncil.org



CER
Community of European Railways
www.cer.be



CFR
Caile Ferate Române
www.cfr.ro



CP
Comboios de Portugal
www.cp.pt



Climate Action
European Commission Climate Action
www.ec.europa.eu/climateaction



Mobility
Networks
Logistics

DB

Deutsche Bahn AG

www.deutschebahn.com



FS

Ferrovie dello Stato

www.ferroviedellostato.it



DSB

Danske Statsbaner

www.dsb.dk



Jernbaneverket

JBV

Jernbaneverket

www.jernbaneverket.no



EIM

European Rail Infrastructure Manager

www.eimrail.org



JR East

East Japan Railway Company

www.jreast.co.jp



Eurostar

Eurostar (UK) Ltd.

www.eurostar.com



JR West

West Japan Railway Company

www.westjr.co.jp



NSB
Norges Statsbaner AS
www.nsb.no



REFER
Rede Ferroviária Nacional
www.refer.pt



NS
Nederlandse Spoorwagen
www.ns.nl



RENFE
Red Nacional de los Ferrocarriles Españolas
www.eurostar.com



ProRail
ProRail
www.prorail.nl



RZD
Joint Stock Company "Russian Railways"
www.rzd.ru



Railteam
Railteam
www.railteam.eu



SBB, CFF, FFS
Schweizerische Bundesbahnen
www.sbb.ch



SNCB Holding

Société Nationale des Chemins de fer Belges
www.sncb.be



UITP

International Association of Public Transport
www.uitp.org



SNCB Rail

Société Nationale des Chemins de fer Belges
www.sncb.be



UNIFE

Union des Industries Ferroviaires Européennes
www.unife.org



SNCF

Société de Nationale des Chemins de fer Français
www.sncf.com



Veolia

Veolia Transport
www.veolia-transport.com



UIRR

Union internationale des sociétés de transport combiné Rail-Route
www.ns.nl



VR Group Ltd

VR-Yhtymä Oy
www.vrgroup.fi

UIC

International Union of Railways

16, rue Jean Rey

F-75015 Paris

FRANCE

www.uic.org

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Special ticket for the Climate Express

		Departure: 05/ 12/ 09 9:10 Brussels Gare du Midi	01 PERS	Classe
**	**	Arrival: 05/ 12/ 09 22:55 Copenhagen	**	01 *

Via Cologne and Hamburg

*****SPECIAL ECOPASSENGER GUEST*****	**** 00.00 CO ₂
--------------------------------------	----------------------------

Check-in and breakfast open at 8.00, Brussels Midi

Welcome reception on arrival.

Thanks for being an EcoPassenger and taking the Train to Copenhagen!

