

9th Conference on Applied Infrastructure Research (INFRADAY)

“Sustainable Infrastructure – Theoretical and Policy Challenges”

Berlin, 8-9 October, 2010





TU Berlin (Straße des 17. Juni 135)

Final Program

Friday, 08 October, 2010 (Gebäude H (Hauptgebäude) / Building H (Main Building), Straße des 17. Juni 135)			
13.00 h	Registration, Coffee & Tea		
14.00 h	<u>Opening Address (Room H 1028)</u> Ulrike Woggon (Vice President, TU Berlin) Christian von Hirschhausen (TU Berlin)		
14.15 h	<u>Keynote Speech (Room H 1028)</u> Hermann Scheer (Member of the German Parliament, EUROSOLAR, WCRE): Infrastructure Policies for a Sustainable Future: The Way Forward Chair: Hirschhausen (TU Berlin)		
15.00 h	Award of the 8th Hans-Jürgen-Ewers-Prize		
15.30 h	Coffee & Tea		
16.00 h	Panel Discussions on Topical Issues in European Infrastructure Policy		
	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none; vertical-align: top;"> <u>Sustainable Infrastructure in 2050 (Room H 1035)</u> Chair: Hirschhausen (TU Berlin) Christophe Schramm (European Commission, DG ENER) Thomas Duveau (WWF Germany) Heike Link (DIW Berlin) Heinz-Gerd Peters (Telekom AG) Markus Rieck (ALSTOM AG) </td> <td style="width: 50%; border: none; vertical-align: top;"> <u>Energy Efficiency: Market Barriers and Policy Responses (Room H 2036)</u> Chair: Elmer (TU Berlin) Stefan Thomas (Wuppertal Institute) Ferdinand Vieider (Climate Policy Initiative) Holger Krawinkel (German Consumer Federation, vzbv) Andreas Stücke (Haus & Grund) </td> </tr> </table>	<u>Sustainable Infrastructure in 2050 (Room H 1035)</u> Chair: Hirschhausen (TU Berlin) Christophe Schramm (European Commission, DG ENER) Thomas Duveau (WWF Germany) Heike Link (DIW Berlin) Heinz-Gerd Peters (Telekom AG) Markus Rieck (ALSTOM AG)	<u>Energy Efficiency: Market Barriers and Policy Responses (Room H 2036)</u> Chair: Elmer (TU Berlin) Stefan Thomas (Wuppertal Institute) Ferdinand Vieider (Climate Policy Initiative) Holger Krawinkel (German Consumer Federation, vzbv) Andreas Stücke (Haus & Grund)
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18.00 h	<u>Keynote Speech (Room H 1028)</u> Phil Burns (Frontier Economics, London) New Approaches towards Regulation: The RPI-X@20 Review Chair: Mitusch (KIT)		
18.45 h	Reception		
19.30 h	Buffet Dinner		
21.00 h	Join us for informal talks and a beer at “Café Hardenberg” (Hardenbergstr. 10, 10623 Berlin)		

Scientific Partners and Supporting Organizations



 <p>DIW BERLIN German Institute for Economic Research</p>	 <p>Berlin University of Technology Workgroup for Economic and Infrastructure Policy (WIP)</p>	 <p>Karlsruhe Institute of Technology Institute for Economic Policy Research (IWW)</p>	 <p>Dresden University of Technology Chair for Energy Economics and Public Sector Management</p>
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9th Conference on Applied Infrastructure Research (INFRADAY)

Final Program

Saturday, 9 October, 2010 (Gebäude H (Hauptgebäude) / Building H (Main Building), Straße des 17. Juni 135)						
8.00 h Registration, Coffee & Tea						
9.00 h Keynote Speech (Room H 1028) Christian Dobelke (TenneT): Creating the Internal Energy Market - A Report from Within Chair: Hirschhausen (TU Berlin)						
9.45 h	Regulation I (Room H 1035) Chair: Neumann (DIW Berlin) Laffont / Crampes (Toulouse School of Economics): <i>Pricing the Connection to an Electricity Distribution Network</i> Ruderer (MPI, LMU Munich): <i>Regulating Investments in Vertically Related Industries</i> Vareda (Autoridade da Concorrência) / Brito (UNL): <i>Can Vertical Separation Reduce Non-Price Discrimination and Increase Welfare?</i>	Sustainability Investment (Room H 2035) Chair: Mitusch (KIT) Scarsi / Smith (ORR): <i>Different Approaches to Infrastructure Investment Sustainability in EU Railways: Four Case Studies</i> Rious / Dessante (Supélec) / Perez / Glachant (EUI): <i>Power Transmission Network Investment as an Anticipation Problem</i> Burger / Gatzert / Riechmann (Frontier Economics): <i>CO₂ Price and Policy Uncertainty in Plant Investment Decisions</i>	Efficiency Analysis I (Room H 2036) Chair: Nieswand (DIW Berlin) De Witte (KU Leuven): <i>Efficiency Analysis of Water Utilities</i> Oelmann (WIK) / Growitsch (WIK/EWI): <i>Cost Benchmarking in the German Water Sector</i> Bashyal (WIK): <i>ICT and Productivity in OECD Energy and Water Supply Industries - A Dynamic Panel Estimation</i>	German Electricity (Room H 2037) Chair: Wand (TU Berlin) Roetzel / Pedell (Univ. Stuttgart): <i>Incentive Regulation's Effects on Electricity Companies' Management, Processes, and Organisation: Evidence from the German Electricity Sector</i> Canty (infraCOMP): <i>Five Years Down the Road: Empirical Evidence from Distribution Network Tariff Regulation in Germany</i> Growitsch (WIK/EWI) / Höfler / Wissner (WIK): <i>Market Concentration and Market Power Measurement on the German Balancing Power Market</i> Haucap / Heimeshoff / Jovanovic (Univ. Duesseldorf): <i>Did the Harmonization of the Four German Control Areas Led to More Efficiency? An Econometric Analysis</i>		
11.30 h Coffee & Tea, Refreshments, Snacks						
11.45 h	Regulation II (Room H 1035) Chair: Henze (Tilburg University) Nikogosian / Veith (ZEW): <i>On Vertical Integration, Regulation and Non-Price Discrimination in German Electricity Markets</i> Zaccagnino / Garrone (Politecnico di Milano): <i>Competition and Investment in Communication Networks and Services. Evidence from OECD Countries</i> Henze / Schütt (Tilburg University): <i>Transparency and Broadband Internet Access Quality</i>	Organizational Models (Room H 2035) Chair: Klatt (TU Berlin) Marzano (Politecnico di Milano): <i>City Objectives and Monopoly Franchising: An Empirical Analysis of Calls for Tenders in Italian Gas Distribution</i> Cappiello (Univ. Bologna) / Garrone (Univ. Milano) / Nardi (Univ. Bocconi): <i>Cooperation between Local Actors in Infrastructure Projects: Evidence from Italian Utilities</i>	Efficiency Analysis II (Room H 2036) Chair: Growitsch (EWI) Wetzel / Krautzberger (Univ. of Cologne): <i>Transport and CO₂: Productivity Growth and Carbon Dioxide Emissions in the European Commercial Transport Industry</i> Nieswand (DIW Berlin) / Walter: <i>Cost Efficiency and Subsidization in German Local Public Bus Transit</i> Eden / Hooper / Bjørndal / Bjørndal (NHH): <i>Distributed Generation in Electricity Networks - Benchmarking Models and Revenue Caps</i>	Renewables Integration (Room H 2037) Chair: Rosellón (CIDE) Schill / Rosellón (DIW Berlin) / Egerer (TU Dresden): <i>Regulated Transmission Expansion in Electricity Networks: The Effects of Fluctuating Demand and Wind Generation</i> Nicolosi (EWI) / Mills / Wisser (Berkeley National Laboratory): <i>On the Importance of Modeling with High Temporal Resolution - A Comparison of High RES-E Penetration Scenarios</i> Burstedde / Beltzüge / Panke (EWI) / Moser / Linnemann / Schuster (RWTH Aachen): <i>Scenarios for a North Sea Supergrid: Technical Feasibility of HVDC Connections and their Economic Impact on the Riparian Power Markets</i>		
13.15 h Lunch ("Lichthof")						
14.15 h Keynote Speech: Steven Gabriel (Univ. of Maryland)						
15.00 h	Electricity I	Internet & Telecommunication	GARS Air I	Transport I	Carbon Capture, Transport and Storage	Transport and CO ₂
16.45 h Coffee & Tea, Refreshments, Snacks						
17.00 h	Electricity II	Smart Meter & Smart Grid	GARS Air II	Transport II	Resource Markets	Energy Efficiency and CO ₂

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9th Conference on Applied Infrastructure Research (INFRADAY)
Final Program (afternoon)

Saturday, 9 October, 2010 (Gebäude H (Hauptgebäude) / Building H (Main Building), Straße des 17. Juni 135)						
14.15 h	<p align="center">Keynote Speech (Room H 1028) Steven Gabriel (Univ. of Maryland): Natural Gas and Intermittent Renewable Energy. A Good Match or Not? Chair: Riechmann (Frontier Economics)</p>					
15.00 h	<p>Electricity I (Room H 1035) Chair: Schill (DIW Berlin)</p> <p>Abrell / Kunz (TU Dresden): <i>Stochasticity in Electricity Markets with a Simplified Network</i></p> <p>Hisanori / Toshio (CRIEPI): <i>Willingness to Pay for Renewable Energy and Nuclear Power and their Determinants Factors</i></p> <p>Knaus (E-Control / Univ. of Vienna): <i>Forecasting Electricity Spot Prices: Do Fundamentals Matter?</i></p> <p>Görner / Abrell (TU Dresden): <i>Benders Decomposition of Transmission Expansion</i></p>	<p>Internet & Telecommunication (Room H 2035) Chair: Veith (ZEW)</p> <p>Hellmer (Kristianstad University) / Svensson (Blekinge Institute of Technology): <i>Internet Auctions and Time – Does the Race Against Minute Limits Influence the Auction Outcome?</i></p> <p>Barth / Heimeshoff (Univ. of Duesseldorf): <i>Fixed-Mobile-Substitution – Evidence from OECD countries</i></p> <p>Veith (ZEW): <i>European Telecommunication Regulation – Effects on Telecommunication Providers</i></p>	<p>Transport I (Room H 2036) Chair: Winter (TU Berlin)</p> <p>Ullrich / Cerquera (ZEW): <i>Consumer Welfare and Unobserved Heterogeneity in Discrete Choice Models: The Value of Alpine Road Tunnels</i></p> <p>Massiani (ESMT Berlin) / Rotaris Danielis (Università Trieste) / Marcucci (Università Roma): <i>A Cost Benefit Analysis of Ecopass Road Pricing in Milan</i></p> <p>Naumann / Schwinger (KCW): <i>Noise Differentiated Track Access Charges for Rail Infrastructure – Adequate Pricing for Externalities in the Rail-Sector?</i></p> <p>Doll / Klug (ISI) / Papanikolaou / Evangelos (CERTH): <i>Assessing the Impacts of Extreme Weather Events on Transport Systems – the Case of German Roads</i></p>	<p>GARS Air I (Room H 2037) Chair: Märten (DLR)</p> <p>Hueschelrath (ZEW) / Bilotkach (UCA Irvine): <i>Antitrust Immunity for Airline Alliances: Competitive Effects and Recent Policy Actions</i></p> <p>Fröhlich (Univ. of Applied Sciences Bremen): <i>Airports as Two-Sided Markets? A Critical Contribution</i></p> <p>Püschel / Evangelinos (TU Dresden): <i>Airport Noise at Düsseldorf International Airport</i></p> <p>Grimme (DLR) / Veldhuis (SEO): <i>Impacts of the Planned Air Passenger Duty in Germany</i></p>	<p>Carbon Capture, Transport and Storage (Room H 3143) Chair: Herold (TU Berlin)</p> <p>Geske (FZ Jülich): <i>Optimal Dynamic Stochastic Infrastructure Planning and Operation – A Case Study for the CCS Technology</i></p> <p>Tissen / Oei / Mendelevitch (TU Berlin): <i>CO₂ Highways for Europe – Modeling a European CCTS Infrastructure</i></p> <p>Hirschhausen / Herold (TU Berlin): <i>Obstacles to the Diffusion of a CCTS Infrastructure in Germany and Europe</i></p>	<p>Transport and CO₂ (Room H 1012) Chair: Flachsland (PIK)</p> <p>Creutzig / McGlynn (TU Berlin) / Minx (SEI) / Edenhofer (TU Berlin, PIK): <i>Climate Policies for Road Transport Revisited (1): Evaluation of the Current Framework</i></p> <p>Gohs / Holtermann / Massiani / Turan / Weinmann (ESMT): <i>Modeling the Market Penetration of Electric Vehicles into German Car Market</i></p> <p>Flachsland (PIK) / Brunner (TU Berlin): <i>Climate Policies for Road Transport Revisited (2): Closing the Policy Gap with Cap-and-Trade</i></p>
16.45 h	Coffee & Tea, Refreshments, Snacks					
17.00 h	<p>Electricity II (Room H 1035) Chair: Ehlers (TU Berlin)</p> <p>Ávila / Pablo (University Paris-Sud): <i>Virtual Bidding: a Mitigation Mechanism for Market Power in Electricity Markets</i></p> <p>Ehlers / Erdmann (TU Berlin): <i>Electricity Markets with a Predominant Share of Renewable Generation – Can Competition Survive?</i></p> <p>Wand / Beckers / Hirschhausen (TU Berlin): <i>The Value-Added Chain of an Interactive, Renewables-Based Electricity System – A Technical-Institutional Perspective</i></p>	<p>Smart Meter & Smart Grid (Room H 2035) Chair: Egerer (TU Dresden)</p> <p>Calvo / Phulpin / Rious / Vincent (Supélec University): <i>Contributions of Demand Side Management for Balancing Intermittent Generation</i></p> <p>Friedrichsen (Univ. Bremen): <i>Unbundling and Smart Grids – Conflicting Policies?</i></p> <p>Bothe / Perner / Riechmann (Frontier Economics): <i>Smart Meters – Benefits for Everyone?</i></p> <p>Schröder (DIW Berlin) / Creusen / Siegmeier (TU Berlin): <i>Simulation Model for Economic Assessments of Demand-Side-Management, Storage Facilities and Distributed Generation</i></p>	<p>Transport II (Room H 2036) Chair: Tanner (TU Berlin)</p> <p>Evangelinos / Kühnhausen (TU Dresden): <i>Baumol's Cost Disease in the Local Transit Sector: A Comparative Analysis for Germany and the USA</i></p> <p>Ritter / Vance (RWI): <i>Socio-economic and Spatial Determinants of Car Ownership in Germany</i></p> <p>Tanner (TU Berlin): <i>Pricing Railway Slots - Auctions and Bottleneck Pricing</i></p>	<p>GARS Air II (Room H 2037) Chair: Fröhlich (Univ. of Applied Sciences Bremen)</p> <p>Steverink (TU Delft): <i>Modelling Consumer Behaviour in Airport Selection – The Case of "Ticket Tax" in The Netherlands</i></p> <p>Matsumoto (Kobe University) / Burghouwt / Lieshout / Veldhuis (SEO): <i>The Competitive Position of Tokyo International Airport before and after Opening Scheduled International Services</i></p> <p>Gordijn (KiM): <i>The Dutch Aviation Tax; Lessons for Germany</i></p> <p>Maertens (DLR): <i>Estimating the Market Power of Airports - a European-wide Approach</i></p>	<p>Resource Markets (Room H 3143) Chair: Gabriel (Univ. of Maryland)</p> <p>Lochner / Dieckhoener / Lindenberger (EWI): <i>Model-based Analysis of Market Integration and Congestion in the European Gas Market</i></p> <p>Huppmann (Vienna University of Technology) / Holz (DIW Berlin): <i>Strategic Investment Decisions in Crude Oil Production Capacity and the Impact on Future Supply Bottlenecks</i></p> <p>Neumann / Zaklan (DIW Berlin) / Zachmann (BRUEGEL): <i>The Dynamics of Global Crude Oil Production</i></p> <p>Abada (EDF): <i>An Oligopolistic Natural Gas Markets Modelling. A Theoretical Approach</i></p>	<p>Energy Efficiency and CO₂ (Room H 1012) Chair: Elmer (TU Berlin)</p> <p>Grave (Univ. Cologne): <i>Abating CO₂ in Energy Intensive Industries</i></p> <p>Dubois (Institut Supérieur de Gestion) / Chong (Université Paris Sud): <i>Household Vulnerability and Energy Conservation Behavior: Do the Poor Save Less?</i></p> <p>Elmer / Schüttig (TU Berlin): <i>Energy Efficiency in the Buildings Sector – Market Barriers and Policy Responses</i></p>
19.00 h	Reception, Conference Dinner (Filmbühne am Steinplatz: Hardenbergstraße 12, 10623 Berlin)					
<p align="center">Contact / Registration: http://www.infraday.tu-berlin.de, infraday2010@wip.tu-berlin.de</p>						

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