

6th Transatlantic Energy Security Dialogue

Strengthening Europe's Role in Global Energy Governance

Participants' Booklet

e-on | Ruhrgas

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Conference Program

DAY 1

01:00pm **Arrival, Registration and Light Lunch**

02:00pm **Welcome and Introduction**

- *Jan Martin Witte, Associate Director, Global Public Policy Institute (GPPi)*
- *Dr. Jochen Weise, Member of the Executive Board, Gas Supply & Trading, E.ON Ruhrgas AG*
- *Prof. Dr. Dieter Feddersen, Member of the Board, Dräger Foundation*

02:30pm **PANEL DISCUSSION I**

Taking stock: Europe's role in global energy relations

In recent years, calls for a European “single voice” in external energy relations have been prevalent. With an increasingly liberalized internal energy market, it is often argued Europe also needs an effective joint external energy policy to deal effectively with its energy security challenges in the years ahead, especially with regard to gas. What are the prospects of a common external energy policy for Europe? What instruments does the EU have at its disposal? What is the potential and what are the limits and gaps? What are the main drivers and levers that determine the dynamics of Europe's external energy policy? If a true “single voice” is not attainable, what are potential second-best options?

Introductory Speaker:

- *Albert Bressand, Executive Director, Center for Energy, Marine Transportation and Public Policy (CEMTPP), Professor of Practice in International and Public Affairs, Columbia University, SIPA*

Panelists:

- *Dr. Jochen Weise, Member of the Executive Board, Gas Supply & Trading, E.ON Ruhrgas AG*
- *Andreas Goldthau, Associate Professor, Central European University*
- *Charles Ebinger, Director, Energy Security Initiative, Brookings Institution*

Q&A

04:00pm **Coffee Break**

04:30pm **WORKING GROUP SESSION (I)**
Europe's energy: Prospects and challenges

The first working group session will zoom in on some of the key trends that are affecting European energy security. The first working group will

address issues regarding gas transit in Europe. The second group will focus on the role of LNG in Europe's gas supply mix and, finally, the third working group will assess Europe's dependency on oil.

WORKING GROUP A

The future of gas transit in Europe: Learning from recent crises

The most recent Russian-Ukrainian gas crisis has once again focused the attention of policymakers on Europe's (growing) dependency on Russian gas. Early accusations of Russia as the main culprit behind the crisis – presumably engineering a gas shortage to accomplish political objectives – have given way to a somewhat more sophisticated discussion that has shed light on the complex and often murky structure of transit arrangements that govern gas trade. The key question in the future will be how to bring more transparency into the gas trade; how to cut out corrupt middle-men; and, most of all, how to achieve planning security for both sides. Do contractual relations work in practice? How can they be enforced? How can gas-to-gas competition be fostered?

Introduction: *Sebastian Groth, Policy Planning Staff, German Foreign Office*

Commentator: *Timo Vehrs, Deputy Head of Strategy, Gazprom Germania*

WORKING GROUP B

Diversifying gas supplies: Is Europe competitive for LNG?

Despite speculative investments in European regasification capacity, Europe does not yet have significant LNG supplies lined up to utilize this extra capacity, nor is it particularly competitive vis-a-vis the Asian market where LNG attracts higher prices. While a glut of LNG coming online was expected to run out by 2015, the financial crisis changes this outlook to some degree. Is LNG still part of the EU's energy security equation? If so, what can the EU do to increase its competitiveness for LNG?

Introduction: *Coby van der Linde, Director, Clingendael International Energy Programme*

Commentator: *Dan Simmons, Gas and Oil Market Originator, EDF Trading*

WORKING GROUP C

The forgotten link: Assessing Europe's dependency on oil

Europe's dependency on gas imports has received much political attention in recent years. In contrast, Europe's reliance on oil to fuel its economy (and in particular its transportation sector) are often overlooked. Domestic supplies (in particular from the North Sea as well as Norway) are set to decline. Biofuels, at one point thought to be a viable alternative, have seen limited growth and also raise other thorny political issues. Further attempts to foster energy efficiency will reduce Europe's oil intensity, however, the Union will remain dependent on oil imports for the

foreseeable future. Where will the supplies come from? What political issues does this raise?

Introduction: *John V. Mitchell, Associate Fellow, Energy, Environment and Development Programme, Chatham House*

Commentator: *Enno Harks, Policy Advisor, Deutsche BP AG and Fellow, Global Public Policy Institute, Berlin*

05:45pm Break

06:30pm Dinner

08:00pm Night Cap
Exact Topic TBD

Speaker: *Mihály Bayer, Ambassador at Large for Nabucco, Ministry of Foreign Affairs of Hungary*

DAY 2

09:00am PANEL DISCUSSION II

Global ambitions: A role for Europe in China's changing approach to climate change?

One of the major obstacles to achieving the EU's global emission reduction ambitions has been the position and practice of China, which became the world's largest emitter of CO₂ in 2006. On the grounds of its entitlement to unhampered economic development as well as its view of developed nations as being the main climate change culprits, China's leadership persistently refuses to commit to any binding reduction agreements. However, recently the dynamics in China have gradually been shifting in favor of action. While concerns over economic development targets still firmly dominate China's energy and climate change policy, the domestic debate has become much more differentiated and controversial, now including a plurality of actors and interests in support of mitigation measures. This panel will provide an overview of the potential role that the EU can play during this crucial phase in the evolution of China's approach to climate change.

Introductory Speaker: *Nick Mabey, Founding Director and Chief Executive, E3G (invited)*

Panelists:

- *ZHANG Haibin, Associate Professor, Peking University and Expert for the Ministry of Commerce*
- *LI Haidong, Associate Professor, Institute of International Relations at China Foreign Affairs University*
- *Sascha Müller-Kraenner, Senior policy adviser and European representative, The Nature Conservancy*

Q&A

10:30am

Coffee Break

11:00am

WORKING GROUP SESSION (II)

Actors and interests: Opening channels of influence between the EU and China

In order to play a relevant role in shaping China's emerging approach towards climate change, the EU will have to come to terms with the multitude of different motivations and interests that determine the EU's own objectives and priorities vis-à-vis China and climate change. Moreover, the EU should develop a deeper understanding of the internal dynamics, the actors and interests driving the domestic debate within China. In this respect, it is important for the EU to detect the potential tipping points where the balance of incentives for China can realistically be shifted towards climate change mitigation as well as to identify potential allies within China that can help to make these shifts happen. In addition, with China increasingly engaging with Central Asia with respect to energy supplies, it is essential to determine to what extent this impacts European energy security strategy and how the EU and China can effectively cooperate in bringing these resources to the market. Two working groups will focus on possible areas of EU-China cooperation in climate mitigation, while one working group will focus on Chinese strategy in Central Asia and potential Sino-European cooperation in the region.

WORKING GROUP A

Probing the EU's "single voice": Carbon Capture and Storage technology

The EU's extensive efforts to develop near-zero emission coal technology in China ("NZEC initiative") provides a particularly instructive case for exploring the diversity of interests and the intricate setup of actors that drive specific initiatives within the EU. Initially, making cost-intensive and experimental CCS technology a primary area of EU-China cooperation on climate change was highly contested among member states. Eventually, the proponents of CCS prevailed and CCS has since become the flagship of EU climate change efforts in China. This example raises the question of how the prioritization of EU-China climate change initiatives is being decided within the EU: Is the prioritization of initiatives ultimately guided by a certain consistency of objectives and an internal agreement on the EU's long-term strategy or are crucial decisions on these initiatives made on the grounds of short-term political considerations and special economic interests?

Introduction: *Richard Ridout, Energy Attache, UK Embassy Beijing*

Commentator: *DENG Liangchun, Policy Program Manager, China, the Climate Group*

WORKING GROUP B

Between competition and cooperation: The evolving energy landscape in Central Asia

During the past two decades, Central Asia has emerged as one of the most promising regions for energy sector investments, both with regards to oil and, even more significantly, gas. Western major consuming nations – notably Europe and the United States – have taken an active interest in the region and are actively pursuing upstream opportunities particularly in the “Stans”. Russia targets the region as an integral part of Gazprom's long-term supply strategy for European markets; and China has recently come to be engaged in several multi-billion energy projects, including pipelines linking the region with the Chinese market. What actual contribution can Central Asian resources make to regional and global energy supply? What does the growing political and investment-related Chinese engagement in Central Asia mean for Europe? What is the scope, what are the limits for Sino-European cooperation in the region?

Introduction: *Leonard Coburn, President, Coburn International Energy Consultants*

Commentator: *James Nixey, Manager and Research Fellow, Russia and Eurasia Programme, Chatham House*

WORKING GROUP C

Developing new incentives: From Clean Development to Sectoral Crediting

Through the implementation of the EU-ETS, the EU has demonstrated its firm commitment to market-based mechanisms for emission reductions. Facilitating the expansion of market-based systems of carbon crediting should therefore represent one of the EU's particular strong points. Although the overall effectiveness of the Kyoto Protocol's Clean Development Mechanism (CDM) is now subject to much debate, the introduction of the CDM in China has succeeded in building local awareness of carbon reduction as a tradable good and a potential source of income. However, the CDM itself remains a mechanism that is most suitable for harvesting low-hanging-fruits such as energy efficiency, but the potential of the CDM in China in this respect is approaching exhaustion. While the establishment of a full-fledged ETS seems unfeasible for the time being, an intermediate system on the basis of China's experiences with the CDM might present a more achievable goal. Sectoral Crediting Mechanisms (SCM), for example, establish a less ambitious carbon crediting scheme for especially well-suited sectors and might be a way for the European Union to advance the establishment of carbon crediting in China.

Introduction: *Peter Zapfel, DG Environment, EU Commission*

Commentator: *Björn Conrad, Research Associate, Global Public Policy Institute*

12.15pm

Lunch

01:45pm

KEYNOTE SPEECH AND COMMENTARY

Towards a European foreign energy policy?

Internal energy market liberalization in the EU makes the formulation of a comprehensive and effective European foreign energy policy a *sine qua non*. This is most obvious with the case to gas, and the EU's evolving relationship with its main gas supplier, Russia. However, forging a single European voice in energy policy, specifically with regard to gas, is a daunting, and some would argue, unlikely, goal. What are the policy options that the EU could consider to balance its liberalized internal market with an oligopolistic external supply situation? What benefits, what drawbacks do the various policy scenarios entail? What are the key obstacles in implementing those scenarios? What role do the US and China play in this context?

Keynote Speaker:

- *Mathias Ruete, Director-General of Energy and Transport, European Commission*

Commentator:

- *Joseph A. Stanislaw, The JAStanislaw Group, LLC*

Q&A

03:15pm

CONCLUDING DISCUSSION

Moderated by *Jan Martin Witte, Associate Director, GPPi*

03:30pm

Farewell

List of Participants

Mr. Mihály BAYER

Ambassador-at-Large of the Hungarian Government for the NABUCCO project

Prof. Albert BRESSAND

Executive Director, Center for Energy, Marine Transportation and Public Policy (CEMTPP) and Professor of Practice in International and Public Affairs, Columbia University, SIPA

Mr. Leonard COBURN

President, Coburn International Energy Consultants, LLC

Mr. Björn CONRAD

Research Associate, Global Public Policy Institute (GPPI), Berlin

Mr. DENG Liangchun

Policy Program Manager, China, the Climate Group

Dr. Charles EBINGER

Senior Fellow and Director Energy Security Initiative, Brookings

Dr. Tomáš EHLER

III Secretary, Political Section, Embassy of the Czech Republic, Germany

Prof. Dr. Dieter FEDDERSEN

Member of the Board, Dräger Foundation

Mr. Thomas GEISEL

Senior Vice President and Director, Gas Supply Division West, E.ON Ruhrgas

Dr. Andreas GOLDTHAU

Associate Professor, Central European University and Fellow, Global Public Policy Institute

Ms. Dagmar GRACZYK

Manager for South Asia, Office for Global Energy Dialogue, International Energy Agency, Paris

Mr. Sebastian GROTH

Policy Planning Staff, German Ministry for Foreign Affairs

Mr. Enno HARKS

Political Adviser, BP Germany and Fellow, Global Public Policy Institute, Berlin

Mr. Wade HOXTELL

Research Associate, Global Public Policy Institute (GPPI), Berlin

Dr. Klaus-Robert KABELITZ

Vice President, Economic Affairs, Energy Industry & Environmental Protection, E.ON Ruhrgas AG

Prof. LI Haidong

Associate Professor, Institute of International Relations, China Foreign Affairs University

Mr. Nick MABEY

Founding Director and the Chief Executive, E3G

Mr. Brian MARRS

Climate and Energy Analyst, Vattenfall Europe AG

Mr. John MITCHELL

Associate Research fellow at Chatham House and Research Adviser at the Oxford Institute of Energy Studies

Mr. Sascha MÜLLER-KRAENNER

Managing Director and European Representative, The Nature Conservancy in Europe

Mr. James NIXEY

Manager and Research Fellow, Russia and Eurasia Programme, Chatham House

Mr. Cornelius OCHMANN

Bertelsmann Foundation

Dr. Sandeep PATEL

Researcher, Global Public Policy Institute (GPPi), Berlin

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Dr. Kai PRITZSCHE

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Deputy Head of Division "International Energy Policy - International Oil and Gas Markets", German Federal Ministry of Economics and Technology (BMWi)

Mr. Richard RIDOUT

Energy Attache & Low Carbon High Growth (LCHG) Programme, Climate Change & Energy Section, British Embassy in Beijing, China

Dr. Matthias RUETE

Director General for Energy and Transport, European Commission

Mr. Joel SANDU

Research Associate, Global Public Policy Institute, Berlin

Dr. Elena SHADRINA

Visiting researcher, Norwegian Institute for Defence Studies

Mr. Daniel SIMMONS

Gas and Oil Market Originator, EDF Trading

Dr. Joseph A. STANISLAW

Founder, JAStanislaw Group, LLC and Independent Senior Advisor, Deloitte LLP Energy Resources practice

Mr. Derrick SUTTER

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Dr. Coby VAN DER LINDE

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Member of the Executive Board, Gas Supply & Trading, E.ON Ruhrgas AG

Dr. Jan Martin WITTE

Associate Director, Global Public Policy Institute (GPPi), Berlin

Mr. Peter ZAPFEL

Assistant to Deputy Director-General DG Environment, European Commission

Prof. ZHANG Haibin

Associate Professor, School of International Studies, Beijing University

Participants' Biographies



Mr. Mihály BAYER

Ambassador-at-Large of the Hungarian Government for the NABUCCO project

Mr. Mihály BAYER is currently Ambassador at large responsible for the Nabucco Gas Pipeline Project and Energy Security in the MFA. After joining the foreign service in 1980, he has held numerous posts in the Ministry of Foreign Affairs of the Republic of Hungary and in Hungarian missions abroad. He has served as Ambassador to the Republic of Yemen, the People's Republic of China, non resident Ambassador to the DPRK and to the Republic of Moldova. He has also worked as Head of Department of Africa and the Middle East, Head of Department of the CIS Countries and Senior Adviser to the Political Director.

He holds an M.A. in international relations.



Prof. Albert BRESSAND

Executive Director, Center for Energy, Marine Transportation and Public Policy (CEMTPP) and Professor of Practice in International and Public Affairs, Columbia University, SIPA

Albert Bressand is the Aristotle Onassis Professor of Practice in International and Public Affairs at Columbia's School of International and Public Affairs (SIPA) and the Executive Director of Columbia University's Center for Energy, Marine Transportation and Public Policy (CEMTPP). Formerly, Dr. Bressand headed the Global Business Environment department in Royal Dutch Shell's global headquarters in London from 2003–2006 where he led the design of a new generation of Shell Global Scenarios around an enhanced methodology for risk assessment. Dr Bressand has also been appointed Special Adviser to the EU Commissioner for Energy in Brussels.

Previously, Dr Bressand served as Economic Advisor to the Minister of Foreign Affairs of France, held key positions with the French Institute for International Relations and the World Bank and was managing director and cofounder of Prométhée, a nonprofit, Paris-based think tank specializing in the emerging global networked economy. A member of the faculty of the World Economic Forum, he serves on the Advisory Council of the Lenfest Center for Sustainable Energy at Columbia, on the Board of the New York Energy Forum and on the Task Force on Energy Efficiency and Urban Energy of the China Council for International Cooperation for Environment and Development.

Dr. Bressand is a graduate of Ecole Polytechnique, Ecole Nationale des Ponts et Chaussées and Université Paris-Sorbonne in Paris; he earned a PhD in Political

Economy and Government at the Kennedy School of Government at Harvard University.



Mr. Leonard COBURN

President, Coburn International Energy Consultants, LLC

Leonard L. Coburn is the President of Coburn International Energy Consultants, LLC. Prior to his present position he served with the federal government and separated from the Department of Energy on October 1, 2004 after 35 years of government service. His primary area of expertise is in international energy issues, with a particular focus on Russia and Eurasia. Len also teaches a course on the Geopolitics of Energy to graduate students enrolled in the Maxwell School of Citizenship and Public Affairs, Syracuse University.

Len is the former Director, Office of Russian and Eurasian Affairs, Office of Policy and International Affairs, United States Department of Energy, a position he held from 1996 to 2004. That Office was responsible for all energy activities in the fifteen countries of the Former Soviet Union, Israel and Turkey. Mr. Coburn worked closely with the International Energy Agency and was the Vice-Chair of the Standing Group on Oil Markets. Previously, Mr. Coburn was the Director of the Office of Oil Policy where he was responsible for policy analyses of the domestic oil industry, world oil markets and energy taxation.

Mr. Coburn has been active in the International Association for Energy Economics and its U.S. affiliate, the U.S. Association for Energy Economics, where he held the positions of President, President-elect, Immediate Past President, Vice President/Secretary and Council Member.



Mr. Björn CONRAD

Research Associate, Global Public Policy Institute (GPPi), Berlin

Björn Conrad is a Research Associate with the Global Public Policy Institute (GPPi) in Berlin and a PhD candidate at the University of Trier. His research focuses on China's foreign and climate change policy, China's role in global governance and EU-China relations. He also developed a special interest in the political and economic implications of the Beijing 2008 Olympics and has authored several publications on the topic. His work experience includes teaching fellowships at Harvard University and the University of Trier as well as internships with the German Foreign Office in Berlin and the UN Secretariat in New York. He was also a visiting associate with the Boston Consulting Group's Berlin office. Furthermore, he is engaged in various projects furthering Asian-European exchange within the framework of the Asia Europe Foundation Network.

Björn received an M. A. in Political Science, Chinese Studies and Economics from the University of Trier and a Master in Public Policy from the Kennedy School of Government at Harvard University. He also received a certificate of Chinese language and culture studies from Peking University where he spent the academic year 2002/2003. He obtained scholarships from the German National Merit Foundation (Studienstiftung des Deutschen Volkes), the Fulbright Commission, the Asia Europe Foundation and the German Academic Exchange Service (DAAD).



Mr. DENG Liangchun

Policy Program Manager, China, the Climate Group

Mr. DENG Liangchun is the Policy Program Manager of The Climate Group, with expertise in climate and environmental regulation and policy. He leads China's policy briefings and related communication and strategic engagement works and is also in charge of the Pearl River Delta low carbon transition pilot project. Liangchun is the leading author of TCG quarterly publication Climate Change Perspective, and one of the leading authors of CAS report: China's Approach towards a Low Carbon Future. Prior to joining TCG, Liangchun was a policy specialist and EHS regulatory consultant of ENSR/AECOM China. He also served as a research assistant for China Council of International Cooperation on Environment and Development (CCICED), an advisory body for the Chinese national government. Liangchun completed his undergraduate study at Fudan University and holds an M.A. in Environmental Economics and Policy from Peking University.



Dr. Charles EBINGER

Senior Fellow and Director Energy Security Initiative, Brookings

Charles Ebinger is the Director of the Energy Security Initiative at Brookings. Previously he was a Senior Advisor at the International Resources Group where he advised over 50 governments on various aspects of their energy policies. Ebinger is an Adjunct Professor at Georgetown University's School of Foreign Service and at the Johns Hopkins University's Nitze School of Advanced International Studies. Dr. Ebinger has 30 years experience addressing the security, political, economic, environmental, and foreign policy interrelationships surrounding domestic and international energy issues. In 1975, as a Foreign Affairs Officer in the Federal Energy Administration he helped establish the International Energy Agency and its oil-sharing mechanism.

From 1976 to 1979, Dr. Ebinger served as Vice President of Conant and Associates, an international oil, gas and electricity political risk consulting company. In 1979, he became the founding Director of CSIS's Energy and Strategic Resources Program. From 1987-1988, he was a Senior Consultant at Putnam Hayes & Bartlett specializing on the restructuring of US and Great Britain's electricity and natural gas markets. From 1988-1999, he served as Executive Vice President at the International Resources Group

advising governments around the world on restructuring their state-owned energy sectors and setting up regulatory regimes .

In 1999, he joined Stone & Webster Management Consultants as the Director of the International Energy Practice. From 2000-2004 he held several positions at (Nexant) Bechtel Consulting, including Vice President and Director of International Utility Services, Senior Vice President for Middle East, Central Asia, and Africa, and Senior Vice President for Global Privatization/Restructuring/Regulation. Before joining Brookings in June 2008, Dr. Ebinger returned to IRG (2004-2008) to lead projects restructuring the Afghan and Liberian energy sectors. Dr. Ebinger has served on two presidential commissions on energy policy. He is the author of five books and scores of articles on a host of international energy and foreign policy issues. He is currently working on a book Energy Security in South and Central Asia based on his more than 30 years experience in the region. He received his B.A. from Williams College and his Ph.D. from the Fletcher School of International Law and Diplomacy at Tufts University.

Dr. Tomáš EHLER

III Secretary, Political Section, Embassy of the Czech Republic, Germany



Prof. Dr. Dieter FEDDERSEN

Member of the Board, Dräger Foundation

Since 1979, Prof. Dr. Dieter Feddersen has served on the Supervisory Board of Drägerwerk AG & Co. KGaA. Additionally, he has served as Chairman of Asklepios Kliniken Verwaltungsgesellschaft mbH, Königstein since 2005 and Chairman of Asklepios Kliniken Hamburg GmbH since 2005. He is also involved in various board activities in non-profit organizations, such as the Dräger Foundation in München/Lübeck; the promotional group Freunde der Komischen Oper e.V. in Berlin; and the Joachim und Hanna Schmidt Foundation for the Environment and Transportation in Ilsede.

Prof. Dr. Feddersen was admitted to the Bar in 1964 and served as Tax Counsel in 1971, and subsequently partner emeritus from 1974 - 2003, for the international law firm White & Case LLP. Since 2003 he has served as Of-Counsel at Feddersen Heuer & Partner in Frankfurt/Main. His special areas of activities include corporate law, tax law, mergers & acquisitions and other transactions. Additionally, he was a lecturer on tax law at the University of Heidelberg (1986) and became an Honorary Professor at the University of Heidelberg in 1991.

He received his doctorate in law from the University of Kiel, Germany.



Mr. Thomas GEISEL

Senior Vice President and Director, Gas Supply Division West, E.ON Ruhrgas

Thomas Geisel is Senior Vice President of E.ON Ruhrgas AG and heads the Gas Supply Division West which is responsible for E.ON's long-term gas supplies from the North Sea, Continental Europe and Algeria. Before joining E.ON Ruhrgas in 2000 he worked for Enron Europe. Between 1994 and 1998 he was Director at Treuhandanstalt responsible for the privatization of the East German chemical industry.

Thomas Geisel holds a Master of Public Administration degree from Harvard University, an MA degree in political science from Georgetown University and a law degree from Freiburg University.



Dr. Andreas GOLDTHAU

Associate Professor, Central European University and Fellow, Global Public Policy Institute

Dr. Andreas Goldthau is an Associate Professor with the Department of Public Policy at Central European University in Budapest, where he also heads the Energy Security Program at CEU's Center for Environment and Security. Previously, Andreas worked as a Transatlantic PostDoc Fellow in International Relations and Security with the Paul Nitze School of Advanced International Studies (SAIS), Johns Hopkins University, the RAND Corporation and the German Institute for International and Security Affairs (SWP). His recent authored and co-authored articles and contributions include "Back to the future or forward to the past? Strengthening markets and rules for effective global energy governance" (International Affairs 85: 2, 2009); "Imported Oil and U.S. National Security" (RAND Monograph, 2009, forthcoming) and "Rethinking Energy Inc.: five myths on the Russian 'energy superpower'" (Policy Review, 147, 2008). Andreas is currently working on book on the history of the Organization of Petroleum-Exporting Countries (OPEC), to be published by Hanser Publishers in the Fall of 2009. He also regularly contributes to public debates through various media outlets.

Andreas holds a joint graduate degree in Political Science from the Institut d'Etudes Politiques de Paris and Free University Berlin, a State Certificate in Russian language from Lomonossow University, Moscow, and a PhD from Free University Berlin.



Ms. Dagmar GRACZYK

Manager for South Asia, Office for Global Energy Dialogue, International Energy Agency, Paris

Ms. Graczyk is currently Manager of the South Asia Program in the Office of Global Energy Dialogue at the International Energy Agency (IEA) in Paris, France. Her responsibilities include the analyses of

energy policy developments in South Asia with particular emphasis on their implications for regional and global energy supply, demand and security. She is working closely with Indian Government officials and industry representatives on issues related to ongoing energy sector reforms, development of sector specific policies and sharing of best-practices between the IEA and India to accelerate international cooperation in energy security, technology, renewables, efficiency and data and statistics.

Ms. Graczyk spent 10 years with the Asian Development Bank based in Manila, Philippines, where she held various positions in the ADB's infrastructure operations. Before being seconded by the ADB to work at the IEA, she was the Head, Energy Sector Operations, Vietnam and Country Team Leader, Infrastructure for Laos and Myanmar. Prior to this she worked for five years in the ADB's South Asia Energy Division as Senior Energy Sector Specialist/Team Leader focusing on power and gas sector restructuring, sector regulation, corporatization and commercialization of utilities, and social and institutional aspects of energy sector unbundling in Bangladesh, India and Pakistan.



Mr. Sebastian GROTH

Policy Planning Staff, German Ministry for Foreign Affairs

Sebastian Groth is on the Policy Planning Staff at the German Ministry for Foreign Affairs where he serves as a Policy Advisor and Speech Writer. His main issue areas include globalization and foreign policy, global economic trends, energy security and climate change, transatlantic relations and Africa.

Prior to this, he served at the German Embassy in Nairobi, Kenya and was a Political Officer in Somalia, South Sudan and Burundi.

He received his degree in Economics and Sociology from the University of Cologne, Germany.



Mr. Enno HARKS

Political Adviser, BP Germany and Fellow, Global Public Policy Institute, Berlin

Enno Harks is a Political Adviser for BP in Berlin and a Fellow with the Global Public Policy Institute (GPPi), Berlin. Prior to this, he was a Senior Expert on Energy and Resources at the German Institute for International and Security Affairs (SWP), an advisory body attached to the Chancellor's Office where he focused on market analysis and policy advice to clients from government and ministries. He is additionally a regular commentator in the media. Prior to that, Mr. Harks served several years as Energy Analyst at the International Energy Agency in Paris in the department for oil markets and emergency issues.

Mr. Harks studied in Germany and France and holds a masters degree in quantitative economics from the University of Munich.



Mr. Wade HOXTELL

Research Associate, Global Public Policy Institute (GPPi), Berlin

Wade Hoxtell is a Research Associate with the Global Public Policy Institute (GPPi), Berlin. His research interests include global energy governance, climate change, public-private partnerships and corporate social responsibility. He is the coordinator of GPPi's Global Energy Governance program and organizes the "Transatlantic Energy Security Dialogues" conference series. He also works as a consultant to a number of United Nations agencies on partnership issues and sustainability. Before joining the Global Public Policy Institute in May 2006, he was a project assistant with the Aspen Institute Berlin. From 2003-2004 he worked as a legislative aide in the Wisconsin State Senate.

Wade holds a B.A. in International Relations and German from the University of Wisconsin-Madison and an M.A. in European Studies from the Jagiellonian University in Krakow, Poland.



Dr. Klaus-Robert KABELITZ

Vice President, Economic Affairs, Energy Industry & Environmental Protection, E.ON Ruhrgas AG

Dr. Klaus-Robert Kabelitz is Vice President of Economic Affairs, Energy Industry & Environmental Protection at E.ON Ruhrgas AG. Prior to this position, he served as its Head of Department since 1986. He received his Doctorate in Economics and Sociology from the University of Cologne, Germany.



Prof. LI Haidong

Associate Professor, Institute of International Relations, China Foreign Affairs University

Li Haidong is an associate professor in Institute of International Relations at China Foreign Affairs University. He was a US National Security Fellow at University of California (San Diego) in 2006 and a visiting Fellow at International Security Studies at Yale from 2008-2009. He got his Ph.D. degree in 2000 and his academic research focus on US diplomacy, International relations and climate change. His main publications include: *NATO Enlargement: History and Influence*, *Exploration on the Possibility of Russia's Entry of NATO*, *Comments on Thomas P.M. Barnett's "Core-Gap Thesis"*, *Analysis of US Policy toward Russia (1992-2008)*, *From Margin to Core: Systematic Analysis of US Climate Change Policy*.

Mr. Nick MABEY



Founding Director and the Chief Executive, E3G

Nick Mabey is a Founding Director and the Chief Executive of E3G. Until December 2005 he was a senior advisor in the UK Prime Minister's Strategy Unit leading work on a variety of policy areas, including energy, fisheries, unstable states and organized crime. Nick was previously Head of Sustainable Development in the FCO's Environment Policy department, and the FCO lead on the Johannesburg Summit where he was responsible for establishing a number of innovative international partnerships including REEEP and the Travel Foundation.

An economist and engineer by training, before he joined government Nick was Head of Economics and Development at WWF-UK. He came to WWF from academic research at London Business School on the economics of climate change, published in the book "Argument in the Greenhouse". This followed research at MIT into energy system planning and a period in the energy industry working for PowerGen and GEC Alstom. Nick trained as a mechanical engineer at Bristol University specialising in energy systems, and holds a masters degree in Technology and Policy from MIT.

Among other appointments Nick currently sits on the East-West Institute's International Task Force on Preventive Diplomacy, the Advisory Committee for the Energy, Environment and Development programme at Chatham House, and the Centre For Computational Finance and Economic Agents, University of Essex.

Mr. Brian MARRS

Climate and Energy Analyst, Vattenfall Europe AG

Mr. Brian Marrs is current a Climate and Energy Analyst at Vattenfall Europe, AG in Berlin. Prior to this he was also a Renewable Energy Analyst at the German Energy Agency (Deutsche Energie-Agentur, DENA) and an Environmental Analyst at Perrin Quarles Associates in Charlottesville, Virginia, USA.

He received his degree in Foreign Affairs, focusing on European and Middle Eastern Comparative Politics from the University of Virginia.



Mr. John MITCHELL

Associate Research fellow at Chatham House and Research Adviser at the Oxford Institute of Energy Studies

John Mitchell is an Associate Research fellow at Chatham House and Research Adviser at the Oxford Institute of Energy Studies. Publications include *Oil for Asia* (with Glada Lahn)(Chatham House Briefing Paper, April 2007) ; *New Era for Oil Prices* (Chatham House Report, August 2006); *The Economic Challenge* [to National Oil companies] Chapter in *Oil Titans* by Valerie Marcel, (Brookings/Chatham House, 2006) and (from Chatham House) *The Changing Geopolitics*

of Energy, 2003; *The New Economy of Oil*, 2001; *Companies in a World of Conflict* (editor), 1998; *The New Geopolitics of Energy* 1996.

Mitchell retired in 1993 from British Petroleum where his posts included Special Adviser to the Managing Directors, Regional Co-ordinator for BP's subsidiaries in the Western Hemisphere, and head of BP's Policy Review Unit. In 1976 he was an academic visitor in the faculty of Economics at the University of Cambridge.



Mr. Sascha MÜLLER-KRAENNER

Managing Director and European Representative, The Nature Conservancy in Europe

Sascha Müller-Kraenner is the Managing Director and European Representative to The Nature Conservancy in Europe. He is also a founding partner and Vice President to Ecologic Institute, a non-profit applied environmental policy research. From 2003-2006, he served as the Heinrich Böll Foundation's Director for Europe and North America, as well as head of the Foundation's program on foreign and security policy. From 1998 - 2002 he served as Director of the Foundation's office in Washington DC.

He serves on the Advisory Board of the Humboldt Institution on Transatlantic Issues and is a Member of the Working Group on Global Issues of the German Council on Foreign Relations, the German Society for the United Nations, Birdlife Germany, as well as of the Indo-German Forum on International Environmental Governance. He is also an Associate Fellow of the European Council on Foreign Relations.

From 1991 –1998 Mr. Müller-Kraenner was Director for International Affairs of the Deutscher Naturschutzring, the umbrella organisation of Germany's environmental NGOs. Before that he served as chief of staff of Kornelia Müller, a Green member of the State Parliament of Saxony.

Sascha Müller-Kraenner has published extensively on international relations, European integration and environmental diplomacy and the United Nation's climate change treaty. His latest book on "Energy Security" was published in October 2008 by Earthscan (London; Sterling VA).



Mr. James NIXEY

Manager and Research Fellow, Russia and Eurasia Programme, Chatham House

Mr. James Nixey is Manager and Research Fellow of the Russia and Eurasia Programme at Chatham House where he focuses on Russian foreign policy, the South Caucasus and Central Asian foreign policy. Prior to this, he was an investigative reporter with the Moscow Tribune.

He received his degree in Russian from the University of Exeter, UK and his MSc in International Relations from the University of Bristol, UK.



Mr. Cornelius OCHMANN

Bertelsmann Foundation

Mr. Cornelius Ochmann has been working for the Bertelsmann Stiftung in several functions since 1994, including the responsibility for overseeing the International Bertelsmann Forum. In 1992 he joined the Institute of Europe at the Russian Academy of Sciences in Moscow as a research fellow. From 1993 to 1994 he returned to the University of Mainz to work as a research fellow at the Institute of Political Sciences. He joined the Hebrew University of Jerusalem as a visiting fellow in 2000. Since 2004 he has been a senior expert for Eastern Europe at Bertelsmann's Berlin office. In 2006 he became visiting professor at the Free Russian-German Institute for Journalism at the Moscow State University. His publications included several works on transition processes in Eastern Europe, in particular about the European Union's Eastern policy and EU-Russian relations.

He studied Political Science, History of Eastern Europe and Slavonic Languages in Mainz.



Dr. Sandeep PATEL

Researcher, Global Public Policy Institute (GPPi), Berlin

Sandeep is an intern with the Global Public Policy Institute for the fall of 2009. He earned his B.A. in 2002 in chemistry from Washington University in Saint Louis, and went on to earn his doctorate in physical chemistry from the Georgia Institute of Technology in 2009. His research was focused in the field of single-molecule photophysics and photovoltaic development. He has co-authored several research publications in peer-reviewed scientific journals as well as co-inventing a patent.

In addition to his research experience in graduate school, he completed a stay at the National Institutes of Health in 2000 and was awarded a Howard Hughes Undergraduate Summer Research Fellowship in 2001. He has additionally been involved with the start-up of two small research companies.

At GPPi, Sandeep will be studying the relationship of the rise of alternative energy generation and fossil-fuel markets, with particular emphasis on the role of carbon capture and sequestration (CCS) and government subsidies supporting such technologies. He will be using the time at GPPi to facilitate his transition from research science to public policy and to leverage his scientific experience to further the understanding of global energy policy.

Mr. Frank PETER

Project Leader, Energy and Water, Prognos AG



Ms. Petra PISSULLA

Director, Dräger Foundation

Since July 1993, Ms. Pissulla has served as Director of the Draeger Foundation in Luebeck, Germany, a private, non-partisan, not-for-profit operative foundation committed to the promotion of science and research, especially in the field of national and international economic and social order. The Foundation regards its role as that of initiator, and tackles topical and future-oriented subjects in its conferences, symposia and other events. Young leaders exchange programs and study groups have been organized by the Foundation in cooperation with U.S. partners since 1984. In 1998, she was a Harvard Fellow of the Harvard German Workshop on American Politics, jointly organized by the Draeger Foundation and the Center for European Studies at Harvard University.

She studied economics at the University of Hamburg, M.Sc. (economics) in 1974. From 1974 to 1993 she was a researcher of Eastern European economies at the HWWA-Institute of Economic Research-Hamburg, one of the then 6 largest economic research institutes in Germany. She became Head of the Research Group in 1980. Throughout her career she has travelled extensively in Eastern Europe, Russia and China and represented the HWWA at national and international conferences as a speaker and moderator. She has consulting experience with the International Monetary Fund (IMF) and the World Bank as well as numerous publications.



Dr. Kai PRITZSCHE

Partner, Linklaters LLP

Kai Pritzsche is a partner of the international law firm Linklaters LLP. Linklaters' lawyers advise leading companies, financial institutions and governments from 26 offices across the world on national and multi-jurisdictional transactions and projects. Energy is one of Linklaters' core sectors.

Kai Pritzsche is one of Linklaters' global energy sector leaders. He is head of the firm's Berlin office and he leads Linklaters' energy practice in Germany which has approx. 30 lawyers. After studying law and political sciences in Freiburg, Geneva and Bonn he practised law in Cologne and spent 1989 and 1990 establishing Boden Oppenhoff & Schneider's law office in New York. Since 1993 Kai Pritzsche has been a partner in the firm's corporate practice resident in the firm's Berlin office.

He advises international industrial and energy clients as well as governments on privatisations, joint ventures and other corporate matters. He also advises them on power generation and pipeline projects. Kai Pritzsche advised 11 European grid operators and energy exchanges on the establishment of a Central Western European Market Coupling for electricity and he also represents the German Federal Ministry of Transport in the Toll Collect arbitration.

Kai Pritzsche has spoken at numerous conferences and he has published extensively on questions of energy law and other legal questions in regulated markets.



Dr. Stefan PROFIT

Deputy Head of Division "International Energy Policy - International Oil and Gas Markets", German Federal Ministry of Economics and Technology (BMWi)

Dr. Stefan Profit is Deputy Head of Division "International Energy Policy - International Oil and Gas Markets" at the German Federal Ministry of Economics and Technology (BMWi) covering energy security issues, G8 and G20 energy issues, bilateral energy relations with Russia, Ukraine, CIS countries, and Central Asia. Prior to this, from 1999-2000 he served as a Project Manager at the Bertelsmann Foundation. From 2001-2002, he served at the German Federal Ministry of Labour and Social Affairs. From 2003-2005 he was at the Deputy Head of Ministers' Office, German Federal Ministry of Economics and Labour and from 2006-2009 he was an Economic and Energy Policy Counsellor at the German Embassy in Tokyo.

He is an Economist and graduated from the University of Bonn, Germany and received his Ph.D from Humboldt University in Berlin.

Mr. Richard RIDOUT

Energy Attache & Low Carbon High Growth (LCHG) Programme, Climate Change & Energy Section, British Embassy in Beijing, China



Dr. Matthias RUETE

Director General for Energy and Transport, European Commission

Matthias Ruete is the European Commission's Director General for Energy and Transport since 2006. He joined the European Commission some twenty years ago and held a variety of positions dealing with the internal market, EU enlargement, industrial and research policy, energy and transport policy before attaining his current role.

Matthias Ruete holds a Ph.D in law following studies in Germany and the UK. Before joining the European Institutions, he lectured European law in the UK.



Mr. Joel SANDU

Research Associate, Global Public Policy Institute, Berlin

Joel Sandhu is a Research Associate with the Global Public Policy Institute, Berlin. His research interests focus on the EU-China relations, India's foreign and security policy, the WTO, global governance and the

nuclear non-proliferation regime. Joel supports GPPi's research on the EU-China relations and global governance.

Joel worked in London with Policy Network as a policy officer on their Globalisation and Social Justice research team where he researched the EU's role in economic globalisation. He also wrote various on-line publications on trade issues between the EU and China; Social Inequalities and Dysfunctional Societies; and Global Economic Governance for Policy Network. Prior to this, Joel worked with Sister Cities International US, a non-profit citizen diplomacy network, where he acted as the official translator to the Mexican delegation. He also served as a research specialist in the office of the former Speaker of the US House of Representatives, Jim Wright, on US-Soviet Union Cold War relations.



Dr. Elena SHADRINA

Visiting researcher, Norwegian Institute for Defence Studies

Dr. Elena Sharina is a visiting researcher at the Norwegian Institute for Foreign Studies (Oslo, Norway), Department of International Security Policy and a Post-doctoral researcher at the Graduate School of Modern Society and Culture at Niigata University (Niigata, Japan). Her research interests include energy cooperation in Northeast Asia (Japan, China, Republic of Korea, DPRK, Mongolia and Russia); Russia's energy policy (including foreign energy policy towards CIS, Europe, and NEA); energy policy of Japan (focus on relations with Central Asia); global energy governance and energy political economy.

She worked as research assistant at the Economic Research Institute for Northeast Asia (ERINA) in Niigata, Japan (2006–2009). She was also an associate professor and Chair of World Economy and Foreign Economic Links at KSAEL, Russia (1995–2009), and was a freelance consultant on Russia's foreign economic policy (1999–2005).

She received her Ph.D. from the Graduate School of Modern Society and Culture at Niigata University, Niigata, Japan and her MBA from the Post-Graduate School of Khabarovsk State Academy of Economics and Law, Khabarovsk (KHAEL), Russia.



Mr. Daniel SIMMONS

Gas and Oil Market Originator, EDF Trading

Mr Simmons currently works as a gas and oil market originator for EDF Trading with a focus on Western Europe. Within this role, he is involved in structured pipeline and LNG market transactions on behalf of the EdF Group. He also advises on group gas strategy.

Daniel returned to EdF Trading after a 3 year spell at the International Energy Agency as a global natural gas market analyst. At the agency, he was a principal author of the 2006 and 2007 editions of the IEA's World "Natural Gas Market Review" as well as

contributing to several energy policy reviews and a paper entitled, “Development of Competitive Gas Trading in Continental Europe”.



Dr. Joseph A. STANISLAW

Founder, JAStanislaw Group, LLC and Independent Senior Advisor, Deloitte LLP Energy Resources practice

Dr. Joseph A. Stanislaw is founder of the advisory firm The JAStanislaw Group, LLC, specializing in strategic thinking, sustainability, and environmentally sound investment in energy and technology. He is also an Independent Senior Advisor to Deloitte LLP Energy Resources practice – a role which includes assisting the firm and its clients in identifying and developing services and strategies in meeting the challenges of a changing geopolitical environment, sustainable development, climate change, carbon initiatives and innovation. Dr. Stanislaw was one of three founders of Cambridge Energy Research Associates in 1983 and served as managing director for all non-U.S. activity until 1997, when he was named president and chief executive officer, positions he held until the sale of the firm in 2005.

Dr. Stanislaw is an adjunct professor in the Nicholas School of the Environment and Earth Sciences at Duke University, where he is a Member of the Board of Advisors for the Nicholas Institute for Environmental Policy Solutions. He serves on the Boards of several corporations in the energy sector which share a specific interest in natural gas, sustainable and carbon neutral development, climate change, and renewable and alternative clean energy technologies. He is a Member of the Council on Foreign Relations.

Dr. Stanislaw was a Research Fellow of Clare Hall and lecturer in Economics at Cambridge University, where he was also a member of the Energy Research Group in the University's Cavendish Laboratory. He was a senior economist at the International Energy Agency. Dr. Stanislaw is the co-author, with Daniel Yergin, of *The Commanding Heights: The Battle for the World Economy*. He is also the author of “Energy in Flux: The 21st Century’s Greatest Challenge”, used as the basis for a 1-hour PBS Documentary (Oil Shockwave) that focuses on the energy security, climate change and economic growth challenge. Dr. Stanislaw has also authored or co-authored numerous reports and published papers on the geopolitics and economics of future energy supply and demand.

Dr. Stanislaw received a B.A., *cum laude*, from Harvard College, a Ph.D. in Economics from the University of Edinburgh, and was awarded an M.A. from the University of Cambridge where he was elected a Research Fellow of Clare Hall.



Mr. Derrick SUTTER

Alexander von Humboldt Foundation Fellow and Free University of Berlin

He is currently an undergraduate at Yale University, US, pursuing a double major in Political Science and East Asian Studies. Derrick spent

the 2006-2007 academic year studying in mainland China as a member of the inaugural class of the Peking-Yale Universities Joint Undergraduate Program at Peking University and as a Yale Light Fellow at Tsinghua University and the Harbin Institute of Technology. He has also studied in Japan, Taiwan, and Croatia and previously lived in Hong Kong and New Zealand. At Yale, Derrick is involved with The Politic magazine, an undergraduate publication that features articles and commentary from students, professors, and prominent national politicians, as well as the Yale College Republicans.



Dr. Coby VAN DER LINDE

Director, Clingendael International Energy Programme (CIEP)

Dr. Coby van der Linde is the director of the Clingendael International Energy Programme since September 2001. She was a senior researcher at Clingendael from 1998 onwards, on secondment from Leiden University. Her career before joining CIEP was predominantly an academic one at the Universities of Leiden and Amsterdam, where her research focused on international energy markets. In the 1990s, she was a visiting scholar at the Oxford Institute for Energy Studies (OIES, Oxford UK), at the Energy and Environment Programme of the Royal Institute for International Affairs (Chatham House, London, UK) and the Colorado School of Mines (Golden, CO., US). In 2004 she was appointed to the Chair of Geopolitics and Energy Management (part-time) at the University of Groningen. She is also a member of the Dutch Energy Council (Energieraad).

Her main focus in research is on international oil and gas markets, international energy policy-making, international energy co-operation, EU energy policies, OPEC, Russia, Caspian Sea region, Middle East, economics of energy producing countries, geopolitics and geo-economics of energy relations.

She holds an M.A. degree in International Relations and Public Law (University of Amsterdam, 1984) and a doctorate in Economics (University of Amsterdam, 1991).



Mr. Timo VEHR'S

Deputy Head of Strategy, Gazprom Germania

In 2004, Timo Vehrs joined ZGG GmbH (predecessor of GAZPROM Germania GmbH) as advisor in the strategic department. Since 2007, he has worked as Deputy Head of Strategy for GAZPROM Germania GmbH and is mainly engaged in Mergers & Acquisitions, Business Development and Strategic Planning. Previously, he worked at PriceWaterhouseCoopers Consulting and IBM Business Consulting Services as Consultant for a period of three years mainly working on international business process reengineering projects for major oil companies in Europe.

He graduated in Business Science and Management from Nordakademie, a private university supported by industry, in 2001.



Dr. Jochen WEISE

Member of the Executive Board, Gas Supply & Trading, E.ON Ruhrgas AG

Dr. Jochen Weise joined Deutsche Shell AG in 1986. He held various posts with Deutsche Shell, Shell Portuguesa, and Shell Direct until 2002 when he joined E.ON Ruhrgas AG as the Head of Gas Supply Division. From 2003-2004 Dr. Weise served as the Executive Vice-President for Gas Supply and Trading Division.

Jochen Weise is currently a member of the Executive Board for E.ON Ruhrgas AG, Gas Supply and Trading.



Dr. Jan Martin WITTE

Associate Director, Global Public Policy Institute (GPPi), Berlin

Jan Martin Witte is Associate Director of the Global Public Policy Institute (GPPi), Berlin. He is currently based in Kampala (Uganda), and also serves as an Energy Sector Development Adviser for the Kreditanstalt für Wiederaufbau. Jan Martin's work experience include consulting and research assignments at the Brookings Institution (Washington, D.C.), the Corporate Strategy Group of the World Bank (Washington, D.C.), the Office of Development Studies of the United Nations Development Programme (UNDP), and the Private Sector Partnership Unit of the United Nations Office for Project Services (UNOPS), New York. From June 1999 to June 2001 he served as a Research Associate with the Global Public Policy Project, Washington D.C. Jan Martin has published widely on issues of global governance and transatlantic relations. He is the project lead for GPPi's "Changing Rules of the Game: Global Energy Governance in the 21st Century" research program and is co-editor of an upcoming research volume entitled *Global Energy Governance: The New Rules of the Game* as well as co-author of a forthcoming book on the history of OPEC entitled *OPEC at 50: Between Power and Impotence*.

Jan Martin holds degrees from the University of Potsdam (Diploma in Political Science), and received his M.A. and PhD in International Relations and International Economics from the Nitze School of Advanced International Studies of Johns Hopkins University.

Mr. Peter ZAPFEL

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Prof. ZHANG Haibin

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Professor Zhang Haibin is Associate Professor of the School of International Studies, Beijing University. His major research areas are international climate politics, China's environmental diplomacy

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He received his Ph.D. in 1998 from the School of International Studies, Beijing University.