



COLUMBIA | SIPA
School of International and Public Affairs

Center on Global Energy Policy

420 W. 118th Street, New York, New York 10027

ABOUT THE CENTER ON GLOBAL ENERGY POLICY

The Center aims to improve the quality of energy policy and dialogue through objective, balanced and rigorous analysis. The Center is uniquely placed to explore energy across the range of economic, security and environmental dimensions, drawing on the resources of Columbia University and the network of global financial, business and diplomatic leaders based in New York and experts from around the world.



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THE CHANGING ENERGY LANDSCAPE

The 21st Century has brought the greatest upheaval in the energy world in generations, creating turmoil and far-reaching challenges for geopolitics, the global economy and the environment. Science and technology are unlocking new energy sources, from shale oil and gas resources to renewable and other clean energy technologies. The impacts of climate change are being felt more frequently and severely, even as energy use surges in

emerging markets and 1.3 billion people still need access to modern energy services. The changing dynamics between energy producers and consumers, including OPEC's role in oil markets and the transformative role of US unconventional production, are creating new trade opportunities and redrawing geopolitical relationships. Energy supplies and trade are central to many of today's most pressing geopolitical issues, from Russia and

Ukraine to the Eastern Mediterranean to the fight against ISIS and stability in the Middle East. Understanding the complex world of energy has never been more difficult, and the stakes—economically, geopolitically and environmentally—have never been higher.

“Energy is among the world's most important geopolitical, economic and environmental issues of our time”



A LEADING GLOBAL PLATFORM

The Center on Global Energy Policy was established to improve the quality of energy dialogue and policy by providing cutting-edge, clear analysis and recommendations to address today's most pressing energy challenges. To foster informed dialogue and provide independent analysis, the Center produces policy-relevant research, convenes energy leaders, and trains the next generation of energy thought leaders, executives, and policy officials.

Senior energy experts with diverse backgrounds in government, academia, industry and NGOs make up the Center's Fellows and Research Scholars. They produce robust, accessible and actionable analysis,

which is disseminated through research, public forums, roundtable discussions, conferences and the media.

The Center leverages its location in New York to work closely with financial markets, the investment and business community, and policy makers to inform its work and amplify its research to media. In addition to its ability to harness the world-class faculty of Columbia across many disciplines, the Center utilizes the University's global reach through its physical centers in key energy countries like Brazil, Turkey, Jordan, India and China.

Center activities have generated substantial media coverage, with our work and scholars published or quoted in *The New York Times*,

The Wall Street Journal, *The Washington Post*, *Reuters*, *Forbes*, *Foreign Affairs*, *Financial Times* and *Bloomberg*, among others. Our experts also routinely provide both broadcast and radio commentary through leading outlets.



Jason Bordoff, Founding Director, and John D. Podesta, then Counselor to President Obama

Page 2: Row 1 (L to R): (a) Dr. Ernest J. Moniz, U.S. Secretary of Energy, (b) Ben van Beurden, Chief Executive Officer, Royal Dutch Shell Plc, (c) Merit E. Janow, Dean, School of International and Public Affairs, Columbia University; Row 2 (L to R): (a) Dr. Fatih Birol, Executive Director, International Energy Agency, (b) Khalid A. Al-Falih, President and Chief Executive Officer, Saudi Aramco, (c) Dr. Andrew Steer, President and Chief Executive Officer, World Resources Institute; Row 3 (L to R): (a) Melanie Kenderrine, Director of the Office of Energy Policy and Systems Analysis, U.S. Department of Energy, (b) Michael R. Bloomberg, 108th Mayor of New York City, (c) Salvador Namburete, Minister of Energy, Mozambique

CONDUCT TRUSTED, POLICY-RELEVANT RESEARCH

Center research projects include rigorous and data-driven analysis drawn from real-world experience, along with specific, actionable policy recommendations. In addition to research papers, the Center also produces policy briefs to ensure that our work is clear and accessible—to policymakers, the media, and the public—to inform rapid, present-day decisions that have both immediate and long-term impacts. The Center also invests in targeted communications outreach to ensure that its work is making a positive contribution to regional, national and international dialogue and that research does not “sit on a shelf.”

Examples of current research areas include:

- Global Oil and Gas Markets
- Global Energy Trade
- Economic Statecraft, Sanctions and Energy Markets
- Domestic and International Climate Policy
- The New Geopolitics of Energy
- Transitioning to a Low Carbon Energy Future
- Key Energy Hubs (e.g. China, Brazil, East Africa, Mexico, Russia, Middle East)
- Energy Infrastructure and Finance
- Energy Access and Poverty

“The Center is building the world’s leading platform for research, dialogue and understanding of our energy future”



CONVENE GLOBAL LEADERS

The Center is a leading convener of energy events and discussions in New York City and around the world, hosting both public lectures and off-the-record roundtables with top industry officials, policymakers, academics and thought leaders. Public events are webcast live, available for download as podcasts, and engage a global online audience through social media to help foster a wider dialogue and scale up the impact of the Center’s work. Roundtables focus on pressing US and global issues, and have been organized not only in New York City, but also in Addis Ababa, Beijing, Houston, Istanbul, London, Rio de Janeiro and Tel Aviv.



TRAIN THE NEXT GENERATION

The Center on Global Energy Policy is committed to attracting top-tier global talent and training future scholars, policymakers and industry executives. Students engage in energy issues from multiple perspectives—economics, policy, foreign affairs, finance, national security, environment, etc.—honing their research, analysis, and project skills and broadening their understanding of complex, interrelated energy issues.

The Center also supports student-led conferences and events as well as roundtables with staff, Fellows and other senior leaders.

Center scholars also teach energy courses and seminars at the University.

To increase the presence and leadership of women in the energy sector, the Center has developed a **Women in Energy Program** with the support of a major foundation that provides a full spectrum of programming to support female graduate students interested in energy-related careers, including discussion and networking events, direct mentoring opportunities and financial stipends for energy policy research projects.



If you are interested in learning more about the Center and getting involved in our work, please contact us at energypolicy@columbia.edu.

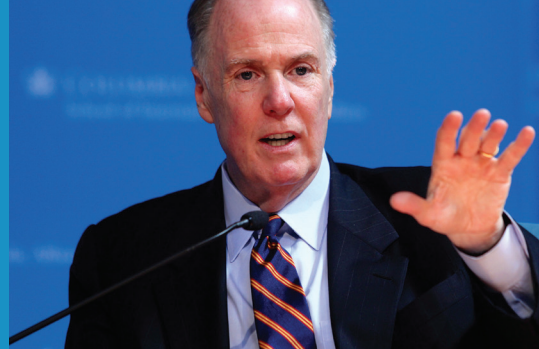


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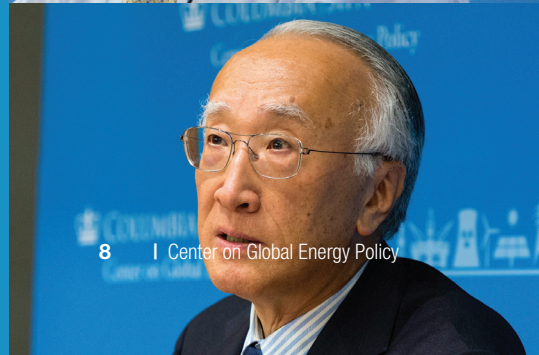


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RAPIDLY GROWING, WORLD-CLASS TEAM



Page 8: Row 1 (L to R): (a) Thomas E. Donilon, former National Security Advisor, (b) Dr. Susan Tierney, Managing Principal, Analysis Group, (c) Adrian Lajous, Center Fellow and former Chief Executive Officer, Pemex; Row 2 (L to R): (a) Dr. Paul Joskow, President, Alfred P. Sloan Foundation, (b) Jason Bordoff, Founding Director, Center on Global Energy Policy, (c) David Sandalow, Inaugural Center Fellow; Row 3 (L to R): (a) Nobuo Tanaka, Center Fellow and former Executive Director, International Energy Agency, (b) Mona Sutphen, former White House Deputy Chief of Staff for Policy, Dr. Dan Yergin, Vice Chairman, IHS, (c) Amb. Carlos Pascual, Center Fellow and former Special Envoy and Coordinator for International Energy Affairs, U.S. Department of State

OUR TEAM

The Center has attracted leading global figures to research and write, lecture, lead study groups with students and otherwise contribute to Columbia University's robust and deep intellectual energy community.

Jason Bordoff

Founding Director, Former Special Assistant to President Obama and Senior Director for Energy and Climate Change on the Staff of the National Security Council

Dr. Nicola de Blasio

Senior Research Scholar, Former Vice President of R&D International Development at Eni S.p.A. and Visiting Scholar with MIT's Energy Initiative

Antoine Halff

Senior Research Scholar and Program Director for Global Oil Markets, Former Chief Oil Analyst at the International Energy Agency

Richard Nephew

Research Scholar and Program Director for Economic Statecraft, Sanctions and Energy Markets, Former Principal Deputy Coordinator for Sanctions Policy at the U.S. Department of State

David Sandalow

Senior Research Scholar and Inaugural Fellow, Former Under Secretary (Acting) and Assistant Secretary for Policy & International Affairs at the U.S. Department of Energy

OUR TEAM

Dr. Joseph Aldy

Former Special Assistant to President Obama on the National Economic Council

Keith Benes

Former Adviser at the U.S. Department of State

Peter Davidson

Former Executive Director of the Loan Programs Office at the U.S. Department of Energy

Colin Fenton

Former Global Head of Commodities Research at J.P. Morgan

Robert Hallman

Former Deputy Secretary for Energy and the Environment for New York State

Adrian Lajous

Former Chief Executive Officer of Pemex

Dr. Cheryl Martin

Former Acting Director of the Advanced Research Projects Agency – Energy at the U.S. Department of Energy

Robert McNally

Former Special Assistant to President George W. Bush on the National Economic Council and Senior Director for International Energy on the National Security Council

Shashank Mohan

Rhodium Group

Leslie Palti-Guzman

Rapidan Group

Amb. Carlos Pascual

Former Special Envoy and Coordinator for International Energy Affairs at the U.S. Department of State

Dr. James Stock

Former Member of the White House Council of Economic Advisers

Nobuo Tanaka

Former Executive Director of the International Energy Agency



Columbia University (New York, NY)

FACULTY AFFILIATES

To take full advantage of renowned Columbia faculty, the Center has created a Faculty Affiliates program to ensure that our research and programs have interdisciplinary reach and relevance and that they contribute to the overall mission of the University.

Dr. Scott Barrett

Lenfest-Earth Institute Professor of Natural Resource Economics, School of International and Public Affairs and The Earth Institute

Dr. Jagdish Bhagwati

University Professor, Columbia University

Travis Bradford

Associate Professor of Practice in International and Public Affairs, School of International and Public Affairs

Dr. Timothy Frye

Marshall D. Shulman Professor of Post-Soviet Foreign Policy, Columbia University

Michael Gerrard

Andrew Sabin Professor of Professional Practice and Director, Center for Climate Change Law, Columbia Law School

A.J. Goulding

Adjunct Assistant Professor of International and Public Affairs, School of International and Public Affairs

Dr. Geoffrey M. Heal

Donald C. Waite III Professor of Social Enterprise, Columbia Business School

Dr. Peter Kelemen

Arthur D. Storke Professor and Chair of the Department of Earth and Environmental Sciences, Columbia University

Dr. Vijay Modi

Professor, Department of Mechanical Engineering, The Fu Foundation School of Engineering and Applied Science

Dr. Ellen Morris

Energy and Environment Faculty, Columbia University

Dr. Ah-Hyung Park

Lenfest Chair in Applied Climate Science, Lenfest Center

Dr. Manuel Pinho

Senior Research Scholar, Columbia University

David M. Schizer

Dean Emeritus and the Harvey R. Miller Professor of Law and Economics, Columbia Law School

Dr. Wolfram Schlenker

Associate Professor of International and Public Affairs, School of International and Public Affairs

Amb. Stephen Sestanovich

Kathryn and Shelby Cullom Davis Professor for the Practice of International Diplomacy, School of International and Public Affairs

Dr. Jan Svejnar

James T. Shotwell Professor of Global Political Economy and Director, Center on Global Economic Governance, School of International and Public Affairs

Dr. Johannes Urpelainen

Associate Professor of Political Science, Columbia University

ADVISORY BOARD

To advise the director on issues central to the Center's mission, strategy and programs, we have created an Advisory Board. Members include:

Nick Beim

Partner, Venrock

Thomas E. Donilon

Distinguished Fellow, Council on Foreign Relations; Former National Security Advisor

Reid Hoffman

Co-Founder and Executive Chairman, LinkedIn

Dr. Paul Joskow

President, Alfred P. Sloan Foundation

Lady Barbara Judge CBE

Chairman, The Energy Institute at University College London

John Knight

Executive Vice President, Statoil ASA

General (Ret.) Stan McChrystal

Co-Founder and Partner, McChrystal Group

Dr. Edward L. Morse

Managing Director, Global Head of Commodities Research, Citigroup

Joel Moser

Founder and Chief Executive Officer, Aquamarine Investment Partners

Daniel Poneman

Former US Deputy Secretary of Energy

Steven Rattner

Chairman, Willett Advisors LLC

Theodore Roosevelt IV

Managing Director, Investment Banking, Barclays

Zachary Schreiber

Chairman and Chief Investment Officer, PointState Capital

Mona Sutphen

Partner, Macro Advisory Partners

Dr. Susan Tierney

Managing Principal, Analysis Group

Michael Tusiani

Chairman, Poten & Partners

Bill White

Chairman, Lazard Houston; Former Mayor of Houston

Dr. Daniel Yergin

Vice Chairman, IHS

Cathy Zoi

Consulting Professor, Stanford University



