



 COLUMBIA | SIPA
School of International and Public Affairs

Center on Global Energy Policy

1255 Amsterdam Avenue, New York, New York 10027

ABOUT THE CENTER ON GLOBAL ENERGY POLICY

The Center on Global Energy Policy at Columbia University's School of International and Public Affairs seeks to enrich the quality of energy dialogue and policy by providing an independent and nonpartisan platform for timely, balanced analysis and actionable recommendations to address today's most pressing energy challenges. The Center convenes energy leaders, produces policy-relevant, accessible research and trains students to become the next generation of energy scholars, executives and policymakers. Based at one of the world's great research universities, the Center leverages its location in New York City, proximity to financial markets, business and policymakers, and Columbia's world-class faculty and global reach. *Columbia University is Where the World Connects for Energy Policy.*



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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 renewable and other clean energy technologies to shale oil and gas resources. The international community has reaffirmed its commitment to address climate change by rapidly curbing carbon emissions, 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 oil and gas 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 requires deep insights into policy, technology and market developments, and how the rapidly changing energy landscape will impact the world. The challenge 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

Making smart energy policy choices requires approaching energy as a complex and multifaceted system in which policymakers must balance economic, security and environmental priorities. Too often, the public debate is dominated by platitudes and polarization.

The Center on Global Energy Policy at Columbia University's School of International and Public Affairs seeks to enrich the quality of energy dialogue and policy by providing an independent and nonpartisan platform for timely analysis and recommendations to address today's most pressing energy challenges.

To foster informed discussion and provide balanced analysis, the Center convenes energy leaders, produces policy-relevant research, and trains

students to become the next generation of energy scholars, executives and policymakers. The Center leverages its location in New York City and proximity to financial markets, the investment and business community and policymakers to inform its work.

Based at one of the world's great research universities, the Center combines academic research with the experience of senior energy experts from government, academia, industry and non-governmental organizations. The result is robust, accessible and actionable analysis, which the Center disseminates through public forums, research, roundtable discussions, conferences and the 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 including Brazil, Turkey, Jordan, India and China.

Columbia University is Where the World Connects for Energy Policy.



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) Gina McCarthy, Administrator, U.S. Environmental Protection Agency, (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 clear and accessible policy briefs to ensure that our work informs 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 enriches regional, national and international dialogue and that research does not “sit on a shelf.”

Examples of current research areas include:

- Oil and Gas Markets
- Trade & Geopolitics
- Sanctions and Economic Statecraft
- Climate Policy
- Electricity Markets
- Renewable Energy
- Nuclear Energy
- Energy-Water Nexus
- Country and Regional Programs (China, India, Europe, Latin America, Russia/Eurasia, Africa, Middle East/North Africa, Asia Pacific)
- Clean Energy Finance
- Energy Access and Poverty
- Energy Technology and Innovation

The Center is a leading global 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 smaller workshops and roundtables with top policymakers, academics, industry officials 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.

Columbia Global Energy Dialogues: An international roundtable series focused on pressing US and global issues. Dialogues have been organized in New York City as well as locations such as Addis Ababa, Beijing, Houston, Istanbul, London, Rio de Janeiro, Tel Aviv and Tokyo.

Columbia Energy Exchange: A weekly, in-depth podcast series with the world's top energy and climate leaders from government, business, academia and civil society.





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. Student Research Assistants working at the Center engage in energy issues from multiple perspectives—economics, policy, foreign affairs, finance, national security, environment, etc.—honing their research, analysis and project skills while broadening their understanding of complex, interrelated energy issues.

The Center also supports student-led conferences, events, career development and networking and global research trips. It organizes roundtables with staff, Fellows and other senior leaders. Center

scholars teach energy courses and seminars at the University and lead “capstone” projects—client-facing consulting projects by student-teams.

To increase the presence and leadership of women in the energy sector, the Center hosts a **Women in Energy Program**. The program provides a full spectrum of programming each semester to support hundreds of women who are pursuing graduate degrees and are interested in energy-related careers. The program includes discussion and networking events, direct mentoring opportunities, skills workshops and financial stipends for research.



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

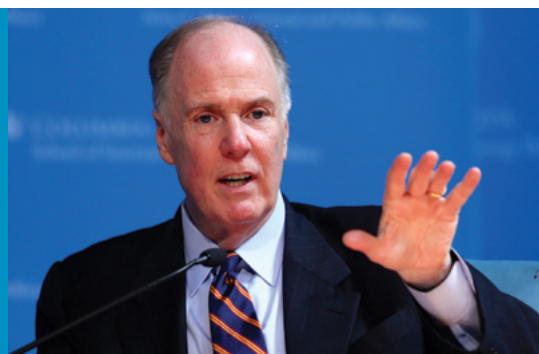


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RAPIDLY GROWING, WORLD-CLASS TEAM

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 and Professor of Professional Practice in International and Public Affairs

Nicola de Blasio

Senior Research Scholar and Director for Strategic Partnerships

Kaime Desire

Executive Assistant

Antoine Halff

Senior Research Scholar and Program Director for Global Oil Markets

Jesse McCormick

Associate Director

Jully Merino

Program Coordinator

Ron Minsk

Research Scholar

Tatiana Mitrova

Research Scholar

Richard Nephew

Senior Research Scholar and Program Director for Economic Statecraft, Sanctions and Energy Markets

Matthew Robinson

Senior Research Scholar and Director of Research Publications

David Sandalow

Senior Research Scholar and Inaugural Fellow

NON-RESIDENT FELLOWS

Luay Al-Khatteeb

Iraq Energy Institute

Dr. Joseph Aldy

Former Special Assistant to President Obama on the National Economic Council

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

Kate Gordon

The Paulson Institute

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

Jim Rogers

Former Chairman and Chief Executive Officer, Duke Energy

Dr. James Stock

Former Member of the White House Council of Economic Advisers

Nobuo Tanaka

Former Executive Director of the International Energy Agency



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. Alex Cooley

Director, Harriman Institute, Columbia University

Dr. Andrew Cooper

Adjunct Assistant Professor, Department of Political Science

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

Ben Ho

Adjunct Assistant Professor, Department of Political Science

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

Brett Olsher

Co-Head of Global Natural Resources,
Goldman Sachs

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

Charif Souki

Co-Founder, Tellurian Investments

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

Chief Executive Office, Frontier Power



