



# Climate Change and Energy

Policymaking for the Long Term

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**HARVARD** Kennedy School  
Executive Education



*“An exceptional program and an invaluable opportunity to learn from other participants experiencing the diverse impacts of climate change around the world. The comprehensive curriculum addressed many issues from a global perspective and provided the frameworks that will enable me to take a leading role in discussions in my home country.”*

**– 2016 PROGRAM PARTICIPANT**

## CLIMATE CHANGE AND ENERGY

### Policymaking for the Long Term

Scientists and most policymakers agree that global climate change is one of the greatest challenges of our time. It poses a significant threat to our natural environment, the global economy, and the long term viability of human society.

Energy-related emissions of the greenhouse gases that cause climate change account for approximately two-thirds of total global emissions, and therefore any effort to address climate change must bring about a significant transformation in the ways that we produce and use energy. Energy in turn plays a role in almost all aspects of every national economy, making climate change policy both difficult to address and an essential consideration for many leaders in government, private industry, and civil society.

### CURRICULUM

*Climate Change and Energy: Policymaking for the Long Term* is a six-day Harvard Kennedy School executive program chaired by Professor Robert Stavins that will explore this climate-energy nexus. The program will provide you with deep insight into how we might address climate change through policy — and closely related aspects of energy production and use.

Here, you will join public policymakers — as well as leaders from business, multilateral development banks, and nongovernmental organizations from around the world — to examine new policy perspectives distilled from

cutting-edge research. Through a combination of lectures, discussions, case studies, and group work, you will become familiar with state-of-the-art analytical tools and conceptual frameworks to better understand policies to reduce greenhouse gas emissions, undertake the energy transformation required to address global climate change, and adapt to a changing climate.

The program will consider key questions, such as:

- » How can economic analysis advance effective policy measures to address climate change, and what are the impacts of these measures on the corporate and public sectors?
- » What are the options – for policymakers in the United States, Europe, and other parts of the world, including developing countries – to address climate change?
- » How can developing countries best address climate change while pursuing economic development goals?
- » What progress has there been to slow climate change through international negotiations, and what are the options going forward?
- » What approaches to adaptation and resilience in the face of climate change are likely to be most effective, and what impediments to progress exist?



## WHO SHOULD ATTEND

Given the importance and broad impact of the subject matter, *Climate Change and Energy: Policymaking for the Long Term* is for individuals of wide ranging backgrounds and responsibilities. Ideal participants include:

- » Executives and senior staff in corporations that are affected by environmental regulation, manufacture products or provide services in the energy sector, or may foresee opportunities in the “clean energy” space.
- » Officials in national, state/provincial, and local governments with responsibility for climate change and related energy policy, or who anticipate that they may have such responsibility in the future. The program would also be appropriate for individuals responsible for planning for the enhanced resilience of infrastructure in the face of climate change.
- » Leadership and senior staff in intergovernmental and nongovernmental organizations dealing with climate change and energy policy.
- » Professionals in finance, accounting, or legal services whose clients may be affected by environmental or climate regulation and who wish to gain an in-depth understanding of climate change policy and related topics in energy production and use.

The program will equip you with the tools to understand the economics and politics of climate change and energy. It will also provide a unique opportunity for you to engage with faculty who are among the leading experts and foremost researchers in the field, and with accomplished peers from around the world.



**TO APPLY OR LEARN ABOUT PROGRAM DATES,  
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*Admission is competitive and based on professional achievement and organizational responsibility. There are no formal educational requirements; however, fluency in written and spoken English is a necessity for participation.*

*This program qualifies for both the Economic Development Executive Certificate and the Public Policy Executive Certificate. This program can also be used as a third program for any concentration in the Executive Certificate series. Visit [www.hks.harvard.edu/ee/certificate](http://www.hks.harvard.edu/ee/certificate) to learn more.*

## FACULTY CHAIR



**Robert Stavins** is the A. J. Meyer Professor of Energy and Economic Development at Harvard Kennedy School and Director of the Harvard Project on Climate Agreements. Stavins is also Director of the Harvard Environmental Economics Program; Director of Graduate Studies for the Doctoral Program in Public Policy; and co-chair of the Harvard Business School-Kennedy School Joint Degree Program. He was formerly the Chairman of the Environmental Economics Advisory Committee of the U.S. Environmental Protection Agency's Science Advisory Board. Professor Stavins was a lead author of the Second and Third Assessment Reports of the Intergovernmental Panel on Climate Change and a coordinating lead author of the Panel's Fifth Assessment Report. His research has examined diverse areas of environmental economics and policy, and his work has appeared in books and in over 100 articles in academic journals and popular periodicals. Stavins holds a B.A. in philosophy from Northwestern University, an M.S. in agricultural economics from Cornell, and a Ph.D. in economics from Harvard.

## SELECTED ADDITIONAL FACULTY & GUEST SPEAKERS:

- » Joseph Aldy is an economist and Professor of the Practice of Public Policy at Harvard Kennedy School. He served as a climate and energy advisor in two U.S. presidential administrations.
- » John Holdren was President Barack Obama's science advisor for eight years. He is the Teresa and John Heinz Research Professor of Environmental Policy at Harvard Kennedy School and a global expert on the science and impacts of climate change.
- » Daniel Jacob is the Vasco McCoy Family Professor of Atmospheric Chemistry and Environmental Engineering and focuses on atmospheric sciences climate, regional and global atmospheric chemistry, and biosphere-atmosphere interactions.
- » Halla Hrund Logadóttir is Director-General of Iceland's National Energy Authority. She co-founded and was co-director of the Arctic Initiative at Harvard Kennedy School, where she now serves as a Senior-Fellow.
- » John Macomber is a Senior Lecturer in the Finance Unit at Harvard Business School. He has held senior positions in commercial real estate and construction — and is an expert on making urban infrastructure more resilient to climate change.
- » David Victor is a global thought leader on climate change policy and the energy systems transformation that is required for a low-carbon future. He is a professor at U.C. San Diego's School of Global Policy & Strategy.

# YOU'RE HERE TO MAKE A DIFFERENCE.<sup>SM</sup>



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