



# GLOBAL ENERGY OUTLOOK FORUM

November 29, 2012 • Digital Sandbox • New York

## Fuel Fight: *Environment Meets Economics*

The battle for fuel burns hot. Oil price volatility ebbs and flows with Middle East instability and rise of revolution. The U.S. shale boom has left natural gas prices at record lows, causing some producers to abate drilling, even as the international community invests. Nuclear safety remains a global concern, yet it is the most potent of power sources. Renewables are on the rocks facing cheaper, more reliable alternatives. And, while onerous regulations have put a strain on coal production and use, the black rock remains the cheapest, most widely used fuel stock worldwide. Can the environment contend with an ever-hungry economy?

**8:00 – 9:00 am**     **Registration**

**9:00 – 9:15**         **Welcome**

### **Introductory Remarks**

**Pierre Gadonneix**, Chairman, *World Energy Council*

**9:15 – 10:15**     **The Technology Battle**

Though territory continues to open up for remote oil exploration and many hope for natural gas to replace coal and nudge out renewables, achieving a balanced energy solution necessitates innovative technologies across all sectors. Advances in traditional energy sources come at precisely the moment when the price of oil, gas and coal needs to reflect not just the marginal cost of production but hydrocarbons' wider impact on the environment. This debate will investigate cutting edge technologies that bring both sound economics and environmental responsibilities to face one another. Specifically, we'll examine:

- Tomorrow's power: fossil fuels, nuclear and renewables
- Scalability to meet growing global demand: can renewables compete with coal, gas and nuclear?

### **Speakers**

**Moderator - John Kingston**, Global Director, News, *Platts*

**Robert Bryce**, Senior Fellow, *Manhattan Institute*

**Jigar Shah**, Founder, *SunEdison* and Former CEO, *Carbon War Room*

**10:15 – 10:30**     **Networking Break**

**10:30 – 11:30**     **Global Face-Off: Governments Lock Horns with Industry**

Fledgling governments in the middle east reach for better footing; instability and uncertainty prevail in Syria; and, long-range energy plans in Russia and the United States get back-burnered to election-year partisan posturing. Should government heed industry's call for the perceived natural gas panacea, or lead us toward the proverbial "all of the above" energy plan? Whether restraining natural market growth, subsidizing sectors or promoting ostensible favorites, governments face an industry inflamed. We'll address:

- Insatiable demands: where would the industry take us? Can the economy recover under government's control?
- Should companies comply knowing governments often change course?
- The global impact of an undeniable path for emerging markets

### **Speakers**

**Moderator - Simon Thorne**, Editorial Director, *Platts*

**Dr. Fatih Birol**, Chief Economist, *International Energy Agency*

**Suzanne Daugherty**, Chief Financial Officer, *PJM Interconnection*

**William Reilly**, Former Administrator, *Environmental Protection Agency*

**11:45 – 12:30 pm**     **Award of Excellence Ceremony Lunch**

**12:30 – 1:15**



**Keynote Address -  
Marvin Odum, President  
Shell Oil Company**

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