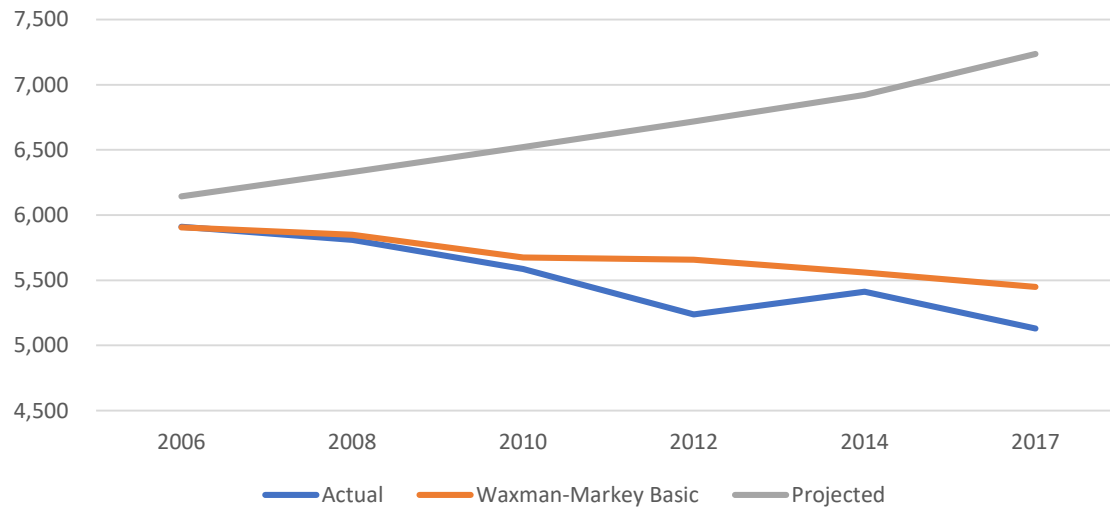
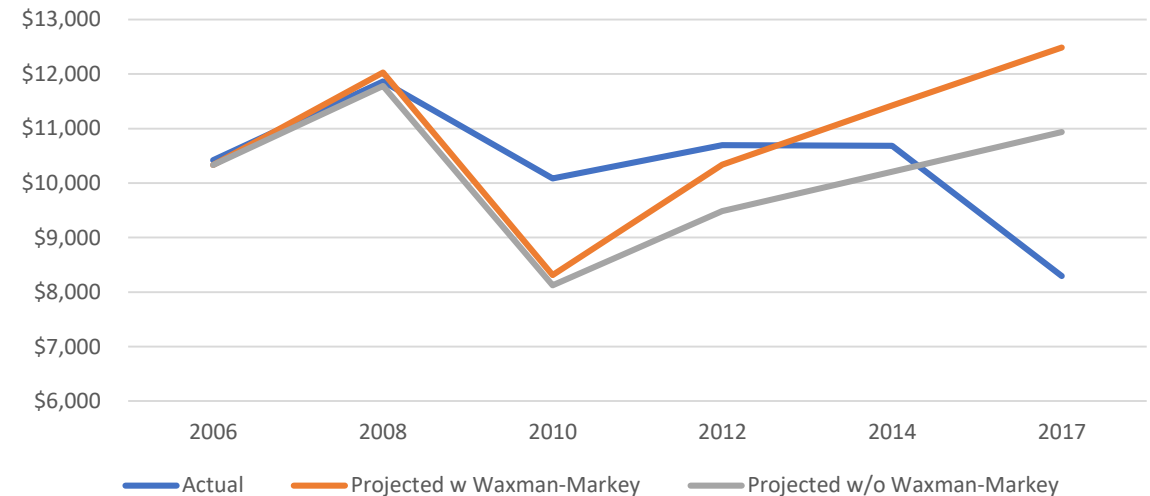


# Innovation vs. Regulation: Only One Reduces Emissions AND Lowers Costs

**Waxman-Markey Emissions vs. Actual & Projected**  
(Million Metric Tons CO<sub>2</sub>); Source: EIA



**Total U.S. Energy Expenditures**  
(\$ per household); Source: EIA

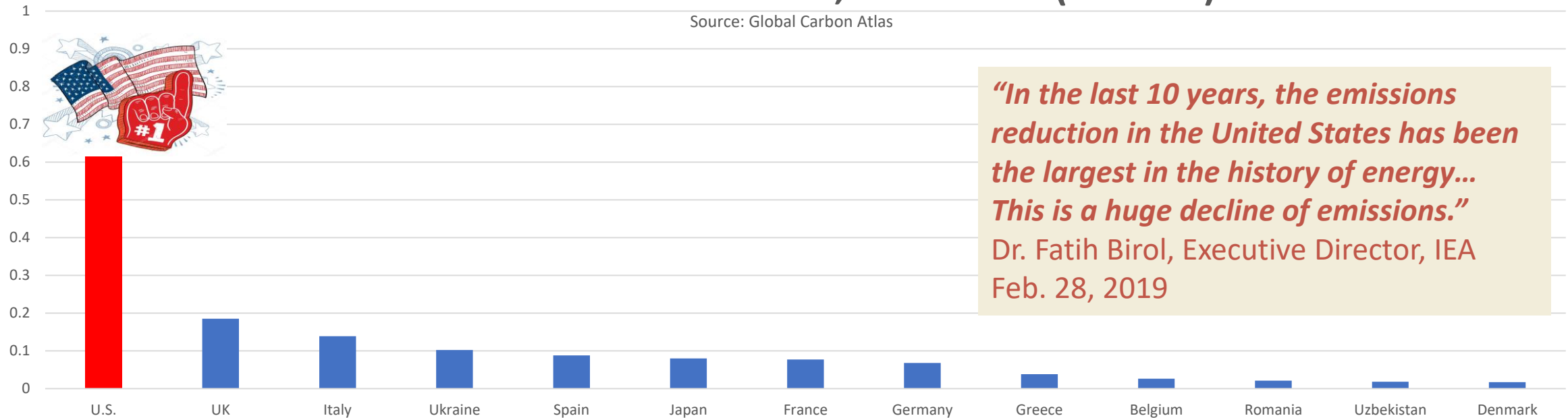


**Innovation and market-based GOP policies have massively reduced emissions and energy costs.**

# U.S. Leads World: Inconvenient Truth

## CO2 Emissions Reductions, 2005-2017 (unit: Gt)

Source: Global Carbon Atlas

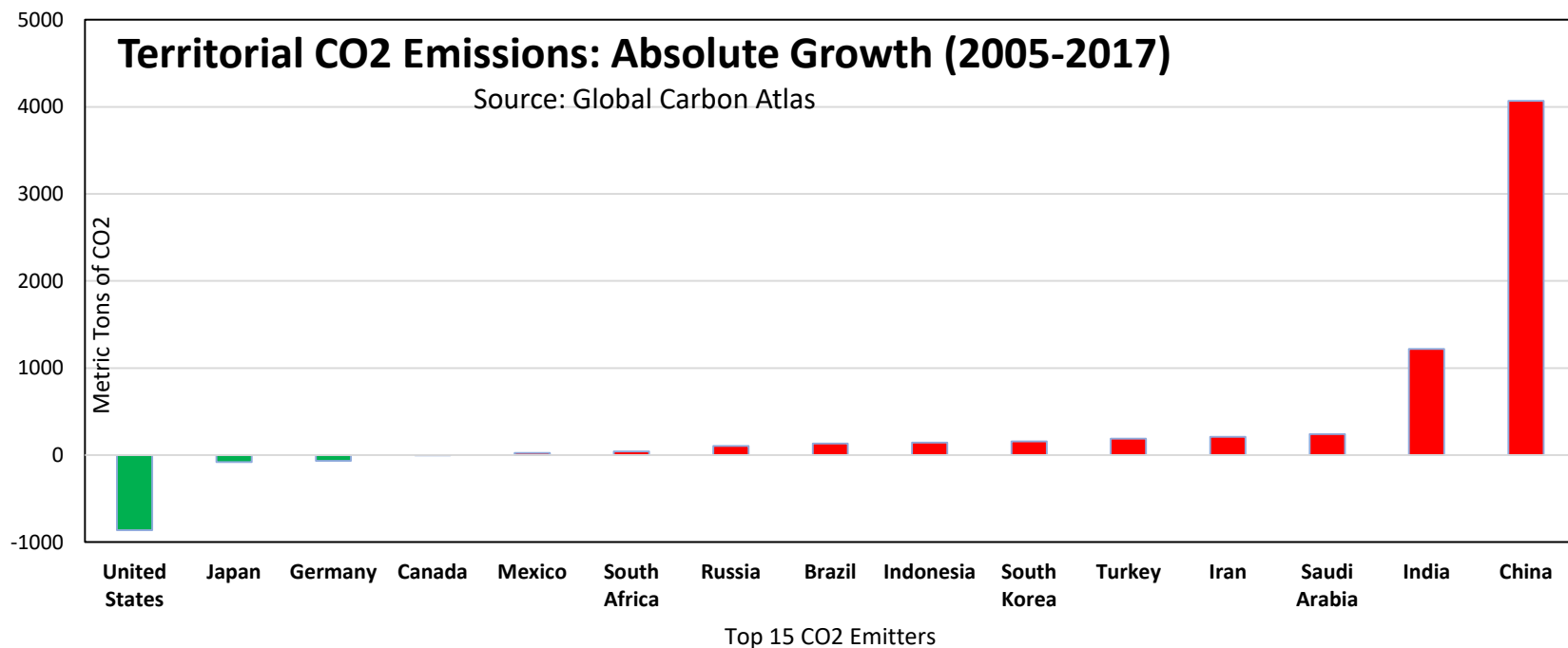


*"In the last 10 years, the emissions reduction in the United States has been the largest in the history of energy... This is a huge decline of emissions."*

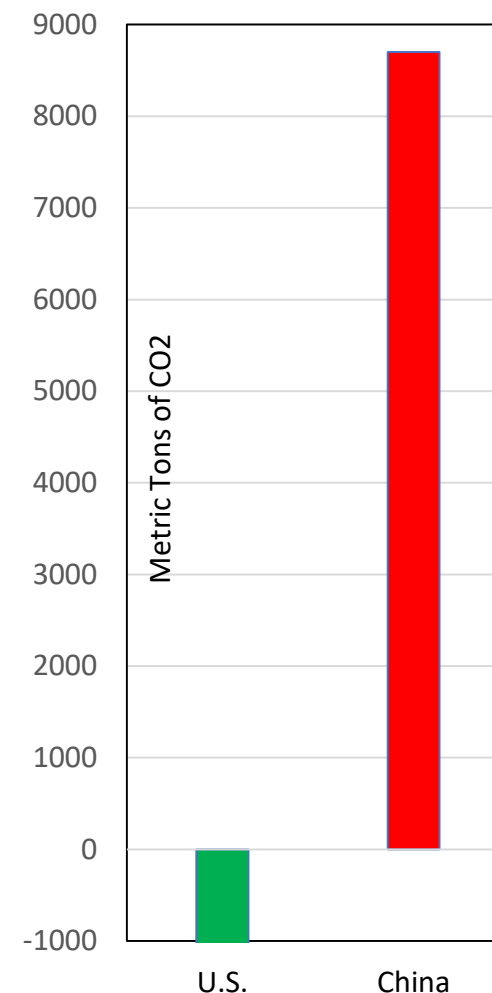
Dr. Fatih Birol, Executive Director, IEA  
Feb. 28, 2019

We have reduced more than the next 12 emission reducing countries combined.

# Global Reality



## CO2 Emissions Growth Under Paris (2005 – 2030)

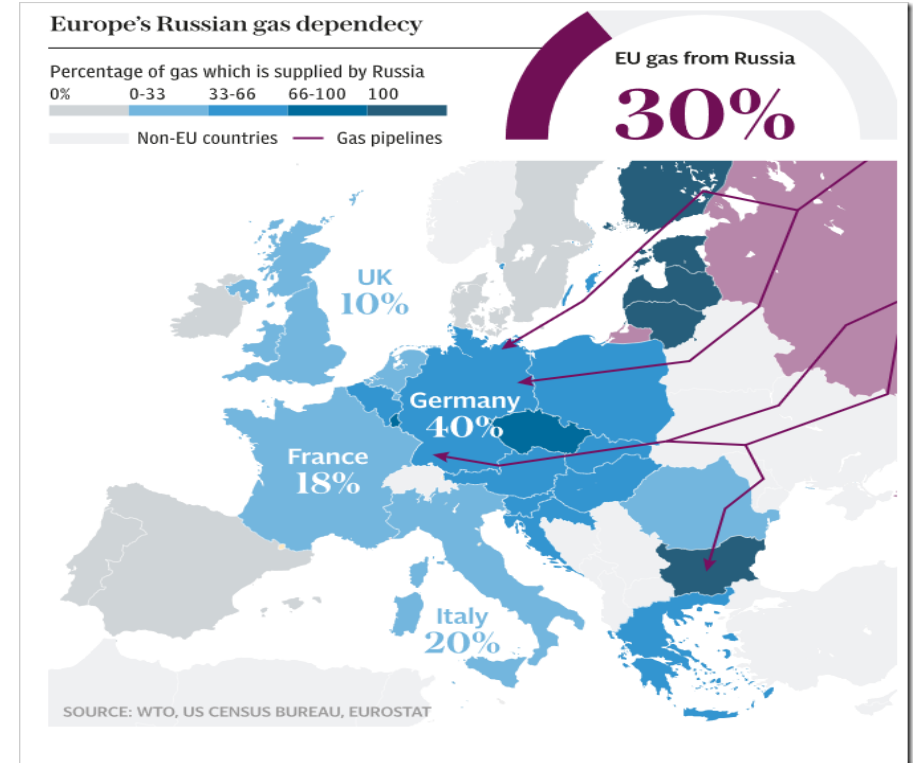


Since 2005, for every ton of carbon reduced by the U.S., China increased its emissions by over 4.

**Under Paris, China plans to increase its emissions by another 50%.**

## **U.S. Energy: Economic Security, National Security, Key to Reducing Global Emissions**

- Russian natural gas exports to China have **47 percent higher** lifecycle GHG emissions than US LNG exports to China. Source: NETL, 2019.
- Russian natural gas exports to Europe have **41 percent higher** lifecycle GHG emissions than US LNG exports to Europe. Source: NETL, 2019.
- On average, Chinese coal mines emit **33 percent more methane** than the average U.S. mine. Source: EIA, 2014.
- U.S. oil production achieves high scores relative to many of its competitors when life cycle GHG emissions are **considered**. Source: Carnegie Endowment for International Peace, 2015.



*Opposing cleaner U.S. fossil production is supporting dirtier Russian and Iranian fossil fuels*

