

# THE U.S. IS ALL IN ON CLEAN ENERGY



## LEADING ABROAD

Under President Obama, America is leading global efforts to combat climate change and spur renewable energy development.

- Last year, renewable energy accounted for more than half of the world's new power sector capacity
- Global investment in renewable energy was the highest ever
- Global clean energy installations are on track to add nearly 4,900 gigawatts of wind, solar, and other renewable sources, according to BNEF

But there's more work to do to slow the rise of global temperatures: The global energy sector needs to add another 3,000 gigawatts of renewable energy and \$2.9 trillion in investment over the next 25 years.



## LEADING ON CLEAN ENERGY AT HOME

President Obama has made unprecedented investments in clean energy.

**19**  
**PERCENT**

Total greenhouse gas emissions from electricity have fallen by 19% since 2008  
Global investment in renewable energy was the highest ever

**100**  
**GIGAWATTS**

President Obama's extension of renewable energy tax credits will spur more than 100 gigawatts of new wind and solar capacity through 2021

**60**  
**PERCENT**

The solar and wind tax credits will help boost our renewable energy capacity by nearly 60% over the next five years

**1.9**  
**MILLION**

1.9 million Americans are employed, in whole or in part, in energy efficiency

# LET'S BREAK THAT DOWN ACROSS THE INDUSTRY:



## SOLAR

- Solar accounted for 30 % of new electric generating capacity installed in the U.S. in 2015, exceeding the total for natural gas for the first time
- We're generating 30 times more solar electricity than when President Obama took office
- Costs have fallen 60 percent for utility-scale photovoltaics between 2008 and 2014
- 300,000 Americans now work in the solar industry



## ELECTRIC VEHICLES

- Battery costs for electric vehicles have fallen 70 percent since 2008
- More than 20 models of plug-in electric vehicle are now available, up from one in 2008
- There are now more than 33,000 outlets publicly available at more than 13,000 charging stations in the United States, up from 500 stations in 2008



## ENERGY EFFICIENCY

- Since President Obama took office, we've finalized 40 new or updated efficiency standards, estimated to save more than \$540 billion in consumer energy costs through 2030
- Since 2009, the United States has weatherized 2.2 million low-income homes, saving on energy costs.



## LEDS

- The cost of LED lighting has dropped nearly 90 percent since 2008
- In 2014, total U.S. installations of home LED bulbs grew to 78 million, from fewer than 400,000 in 2009.



## WIND

- Wind power has tripled since 2008
- The cost of wind power has fallen 40 percent since 2008



## STORAGE AND SMART GRIDS

- Battery storage capacity on the grid increased by 500 percent from 2012 to 2015