



# Combating OPEC Influence with EVs and AVs

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Securing America's Future Energy  
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# Why Does Oil Dependence Matter?



## National Security

- Reorders foreign policy priorities.
- U.S. military (and taxpayers) assume burden of securing global oil supply lines.
- World's cheapest and largest oil reserves held by OPEC member states.

## Economic Security

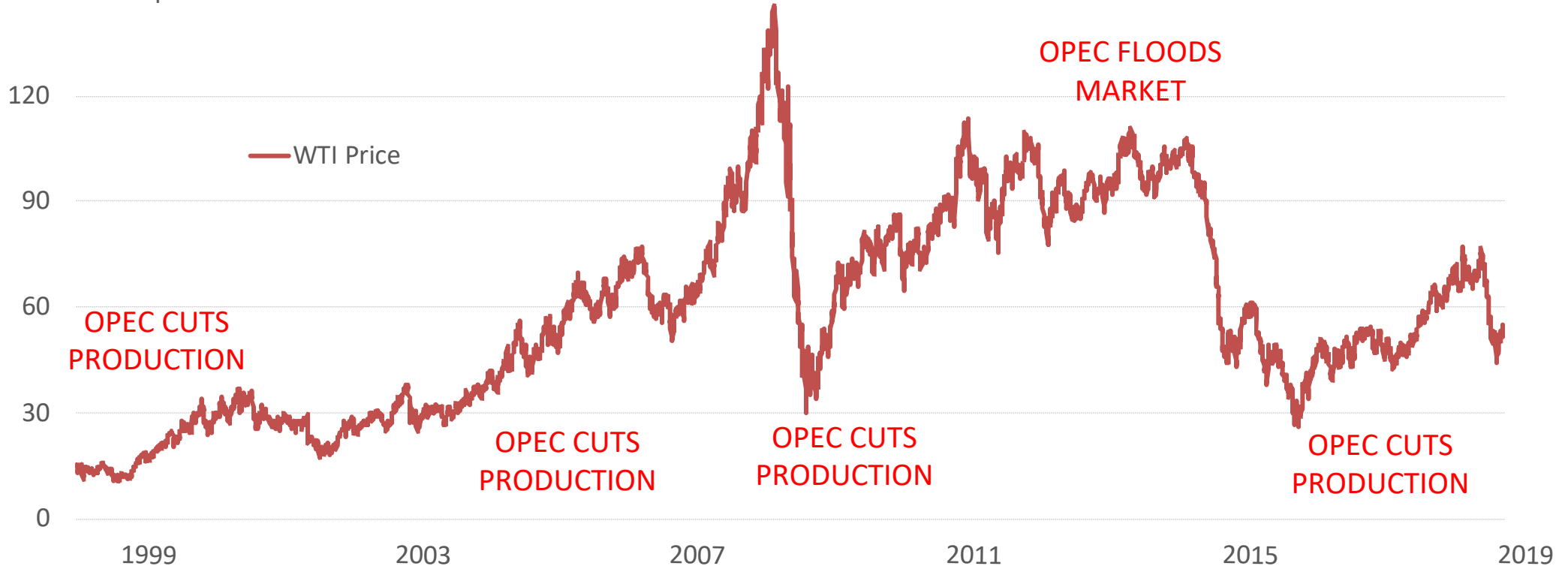
- Every U.S. recession preceded by an oil price spike.
- More than \$3.4 trillion in U.S. wealth has been transferred abroad since 1970.
- Low oil prices harm the U.S. energy industry and delay investment in future oil supply; high oil prices burden businesses and constrain consumer spending.

# There's No Free Market for Oil

When OPEC doesn't like the price or the politics, it intervenes

Price of Oil, 1998 - Present

150 Dollars per Barrel



Source: SAFE analysis based on data from EIA



# U.S. Inaction Protects OPEC Control of Oil Market



## U.S. oil prices hit 3-mth high amid OPEC-led output cuts

COMMODITIES NEWS FEBRUARY 18, 2019 / 8:00 PM / UPDATED 2 HOURS AGO

WORLD

## OPEC Pursues Formal Pact With Russia

An alliance with a 10-nation group led by Moscow would transform the cartel, which is under pressure from Trump and U.S. producers

Updated Feb. 6, 2019 8:55 a.m. ET

THE WALL STREET JOURNAL.

AXIOS

Despite rise in U.S. oil production, OPEC still steers global prices

Feb 15

The New York Times

*OPEC and Allies, Defying Trump, Agree to Cut Oil Output to Prop Up Prices*

Dec. 7, 2018

Upset by Trump's Iran waivers, Saudis push for deep oil output cut

BUSINESS NEWS NOVEMBER 15, 2018 / 9:10 AM / 3 MONTHS AGO



BUSINESS NEWS SEPTEMBER 13, 2018 / 12:42 PM / 5 MONTHS AGO

Perry encourages Saudi, OPEC, Russia to work against oil price spike



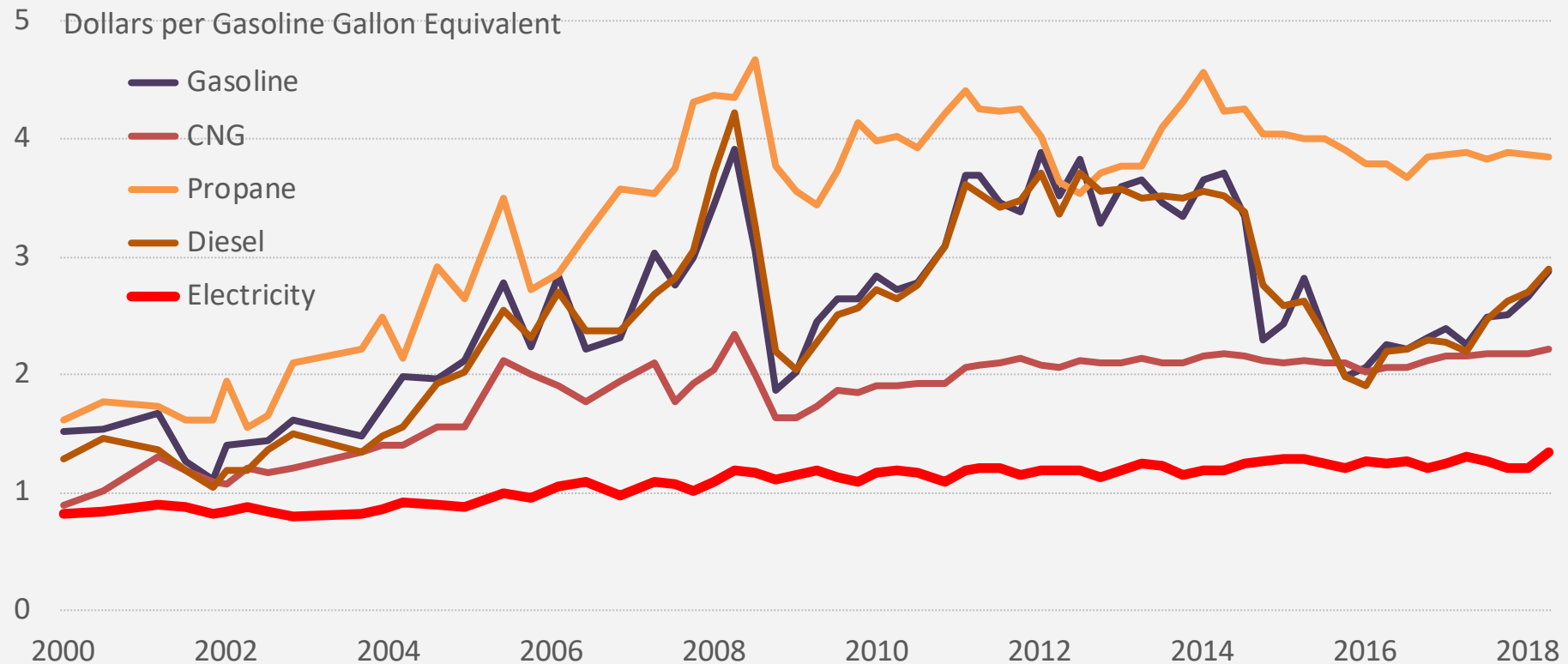
Saudi Arabia Says Will Retaliate Against Any Sanctions Over Khashoggi Case

Oct. 14, 2018, at 7:28 a.m.

# Ending Oil Dependence with Fuel Choice

Electricity is low and stable in price, diverse and domestic in source

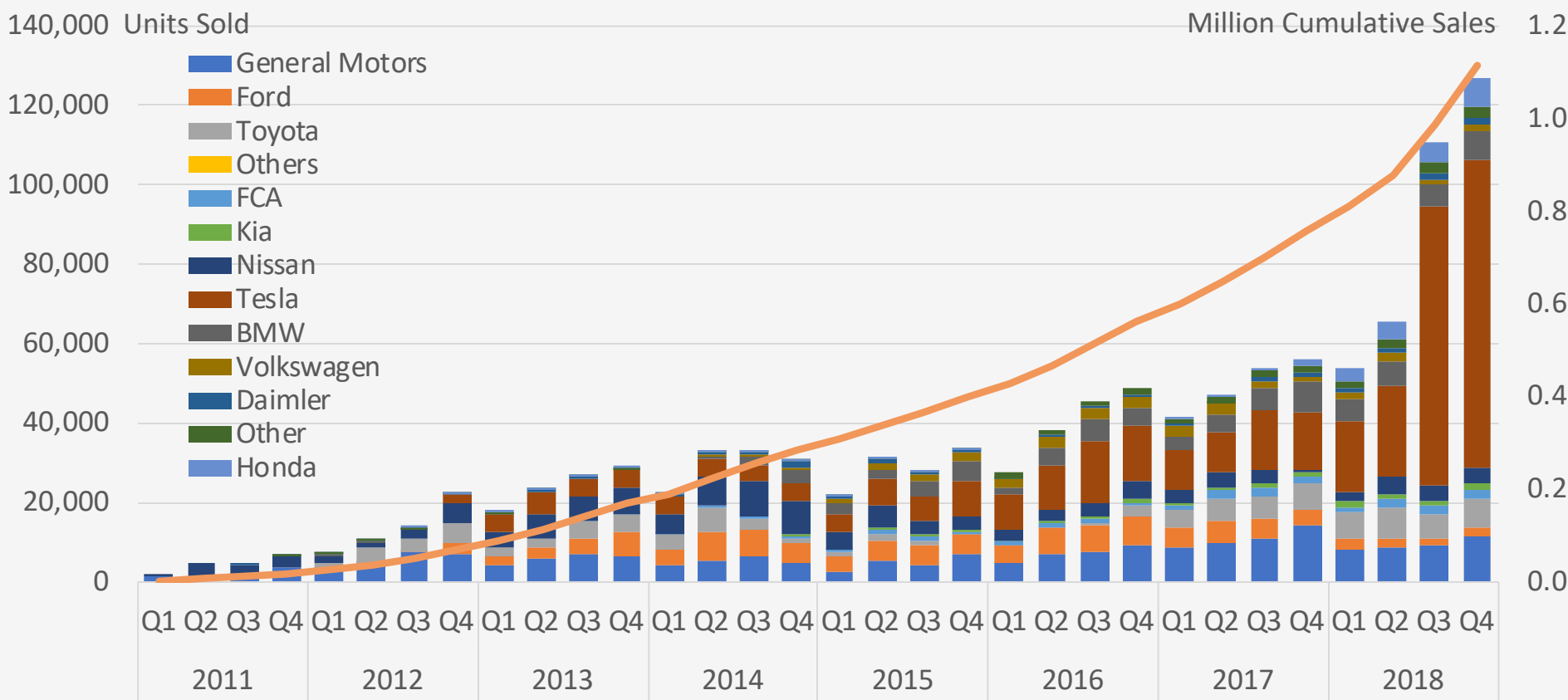
Average Retail Fuel Prices, 2000 - 2018



Source: SAFE analysis based on data from Clean Cities Alternative Fuel Price

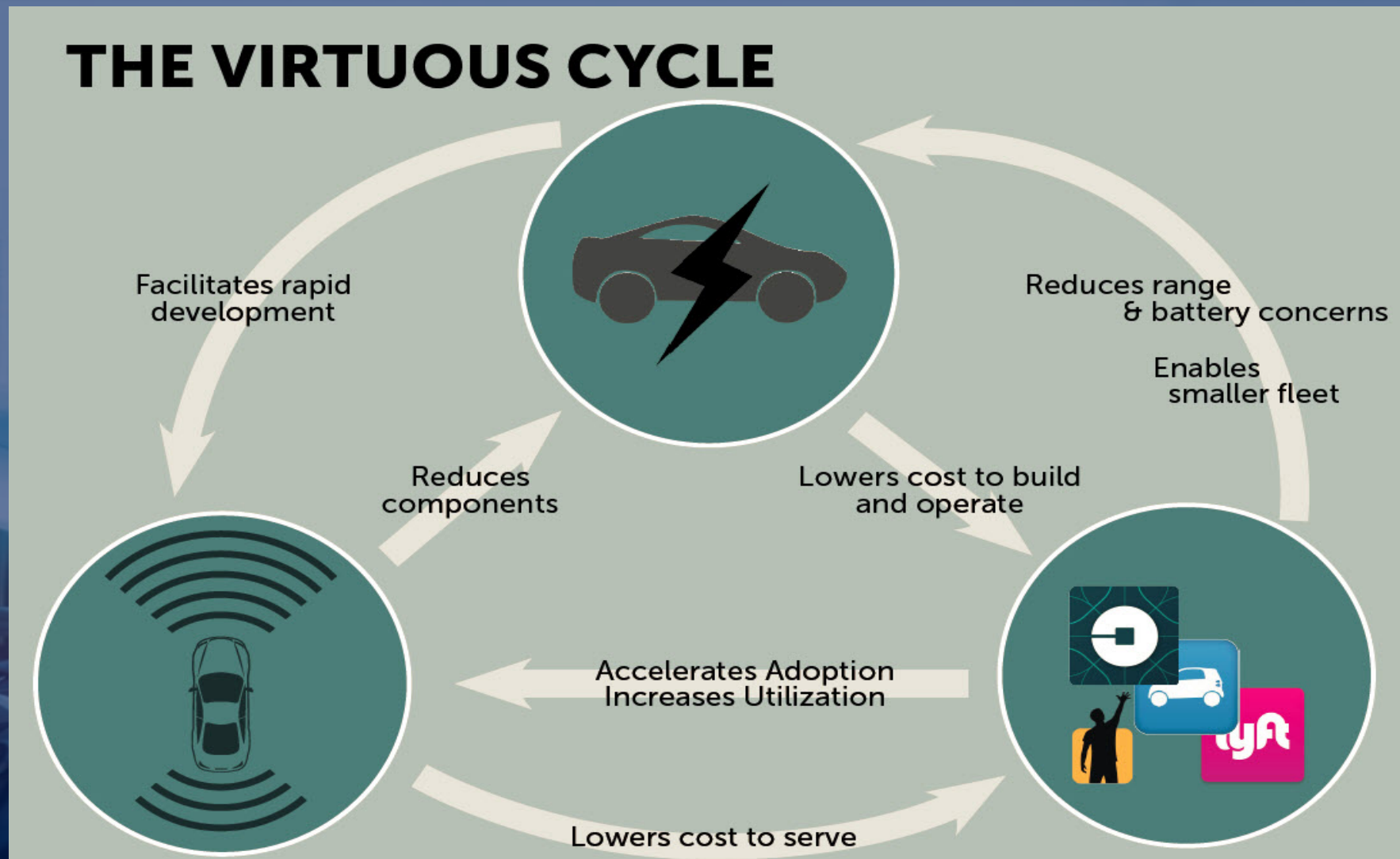
# EVs Are Fuel Neutral

Cumulative EV Sales, 2011 - 2018



Source: SAFE analysis based on data from Bloomberg

# The AV/EV Connection





# Solutions to End Oil Dependence

The United States must pursue a multifaceted approach with expedited focus.

1. Counter the influence of OPEC to create a freer and fairer oil market.
2. Increase domestic oil production.
3. Accelerate adoption of alternative fuel vehicles.
4. Streamline deployment of autonomous vehicles.
5. Decrease oil intensity of U.S. economy with fuel efficiency.



# Securing America's Future Energy

Committed to Reducing America's Oil Dependence

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