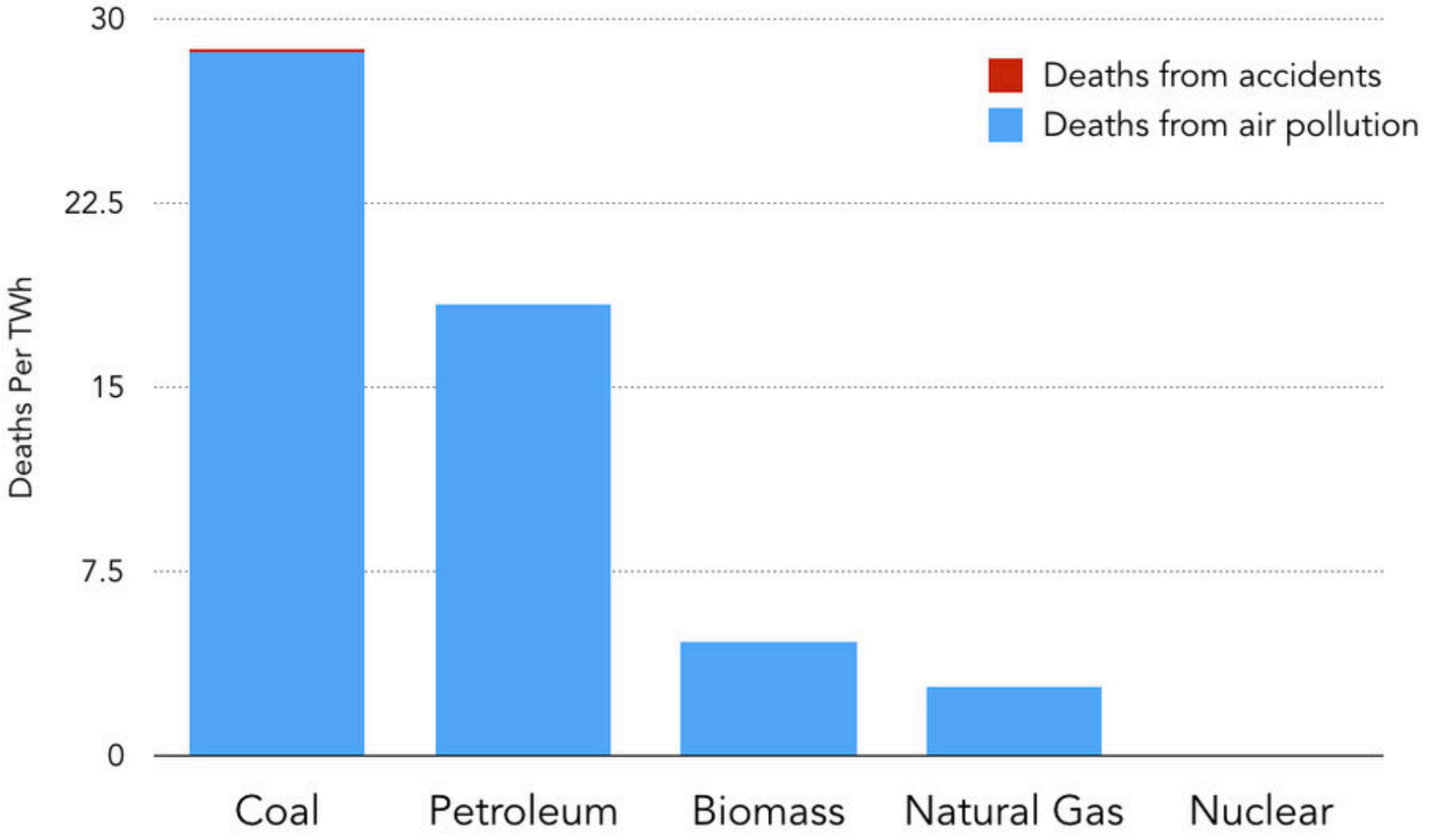
NO
NUKES

Nuclear is already the safest way to make reliable electricity.



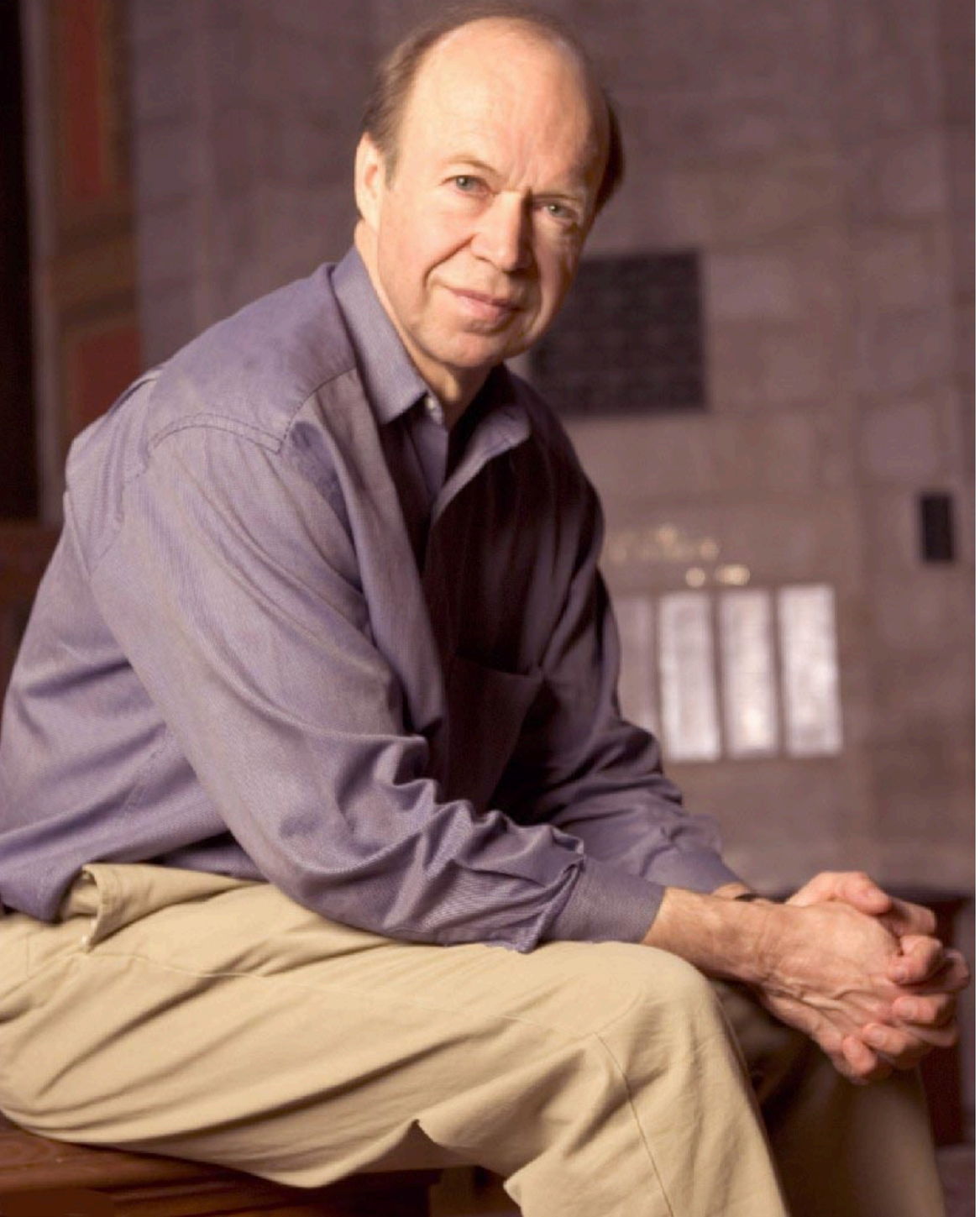
ENVIRONMENTAL PROGRESS

Source: Markandya, A., & Wilkinson, P. 2007. Electricity generation and health. *The Lancet*, *370*(9591), 979-990.

7 million die annually from air pollution

ENVIRONMENTAL PROGRESS

Source: World Health Organization, 2016. http://www.who.int/mediacentre/news/releases/2016/air-pollution-estimates/en/

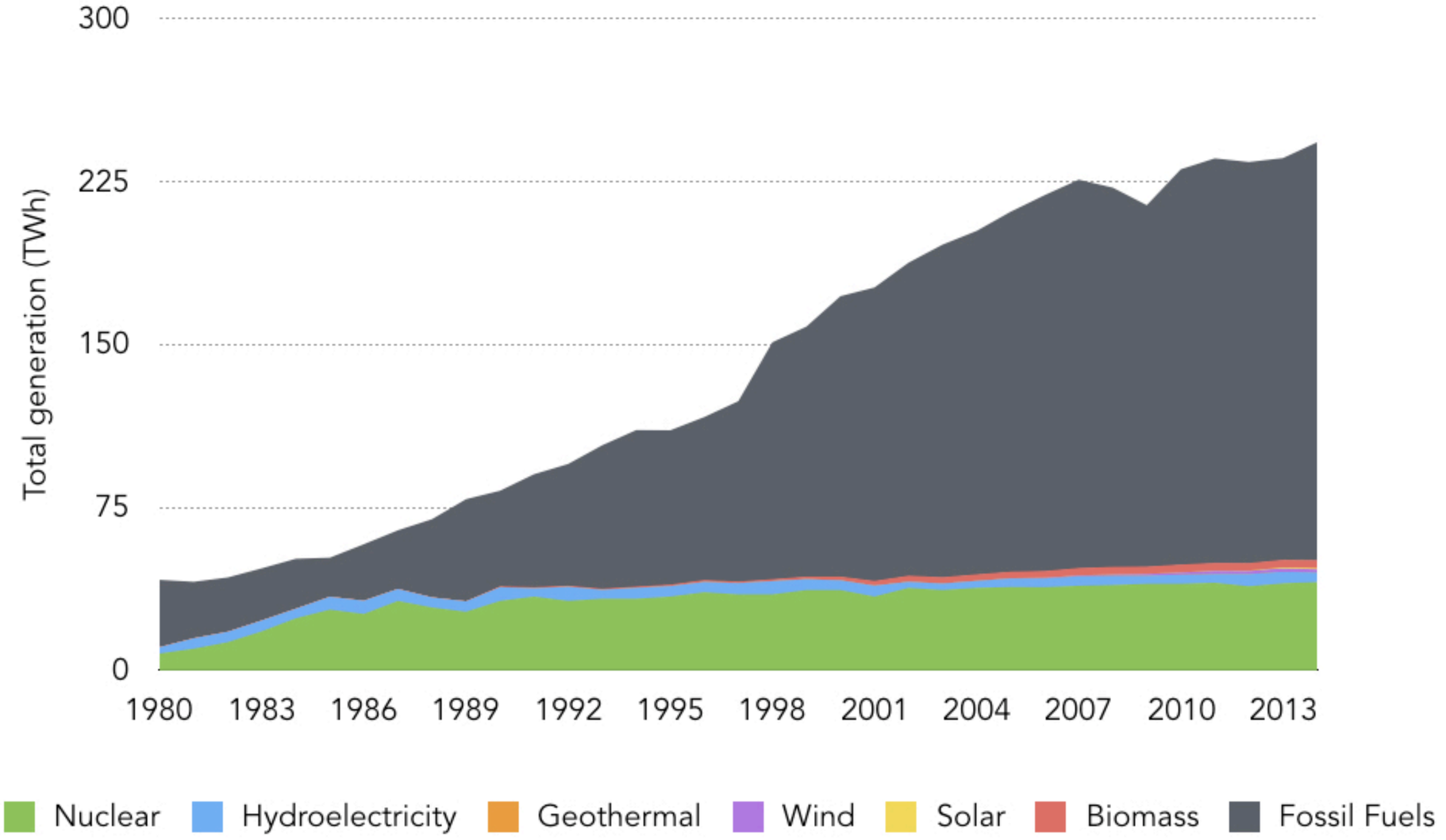


Nuclear power has *saved* 1.8 million lives to date by preventing the burning of fossil fuels.

Source: Pushker Kharecha and James Hansen, "Prevented Mortality and Greenhouse Gas Emissions from Historical and projected nuclear power," *Environmental Science and Technology*," 2013

Sources: Netherlands fire from YouTube
James Conca, "Forget Eagle Deaths," *Forbes*, September 29, 2013

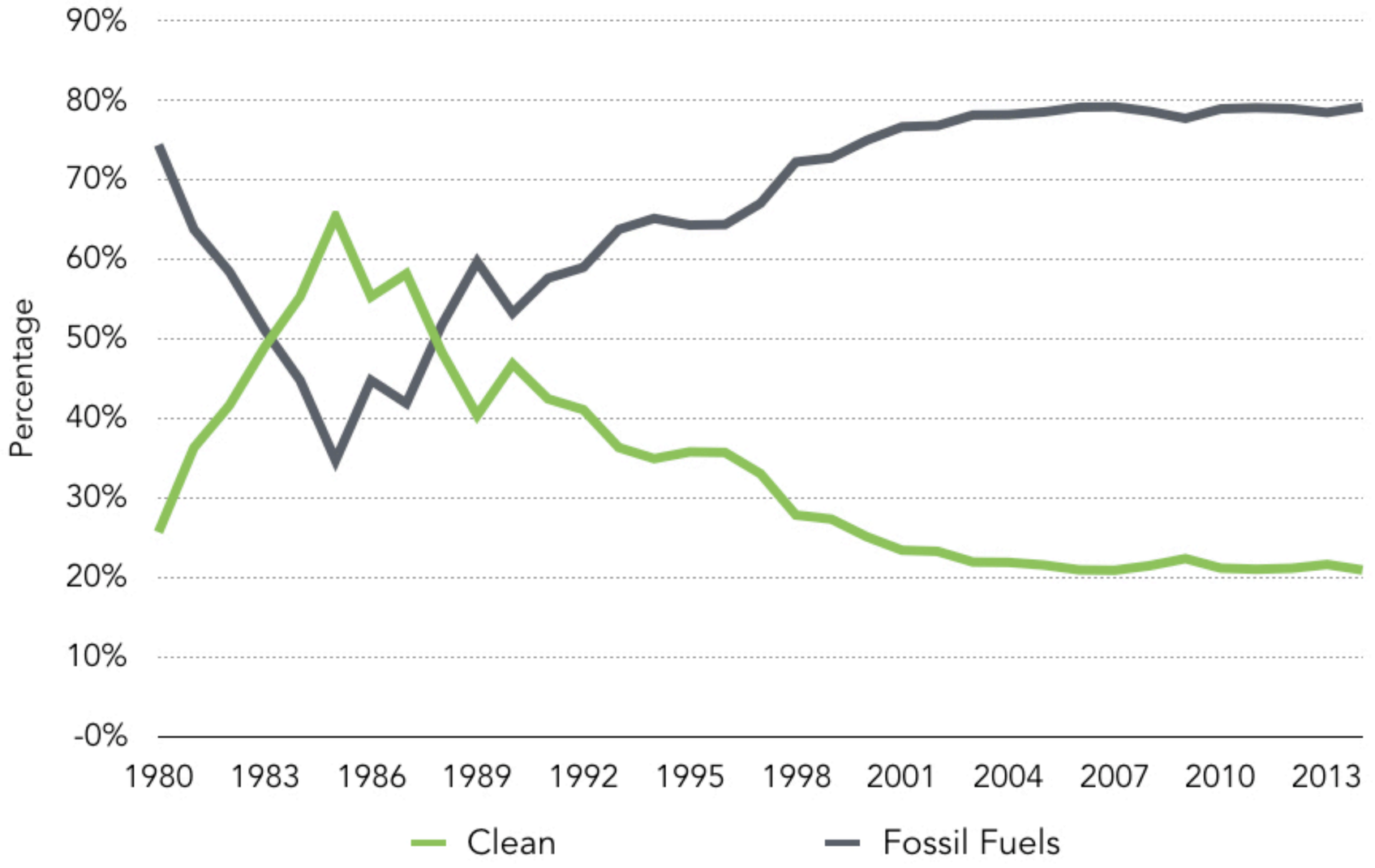
Taiwan's electricity mix, 1980 - 2014



ENVIRONMENTAL PROGRESS

Source: U.S. Energy Information Administration

Taiwan's share of clean electricity, 1980-2014



ENVIRONMENTAL PROGRESS

Source: U.S. Energy Information Administration

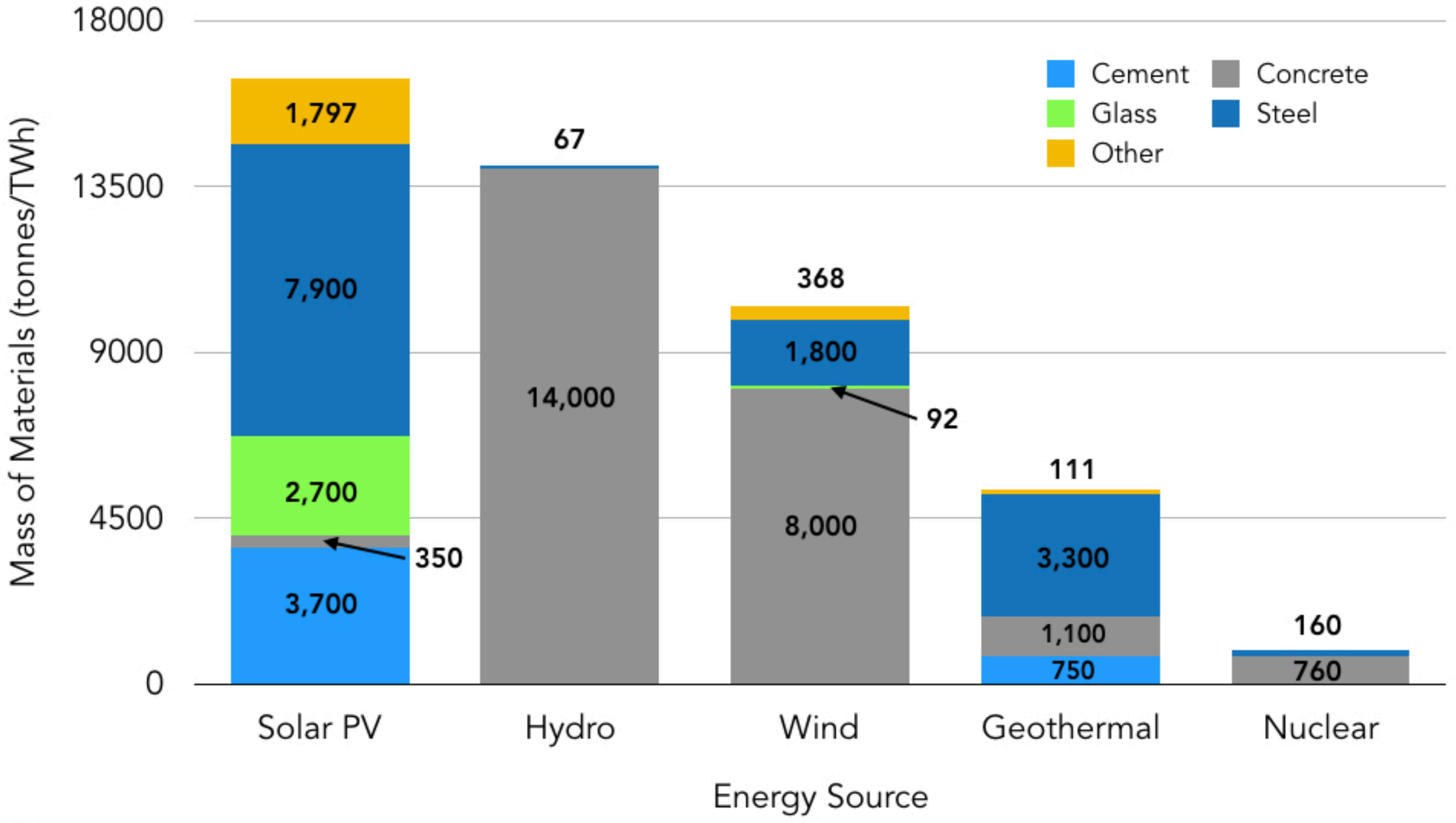
WIKIPEDIA
鳳頭潛鴨

Need 1,000 times more land for solar than for nuclear

ENVIRONMENTAL PROGRESS

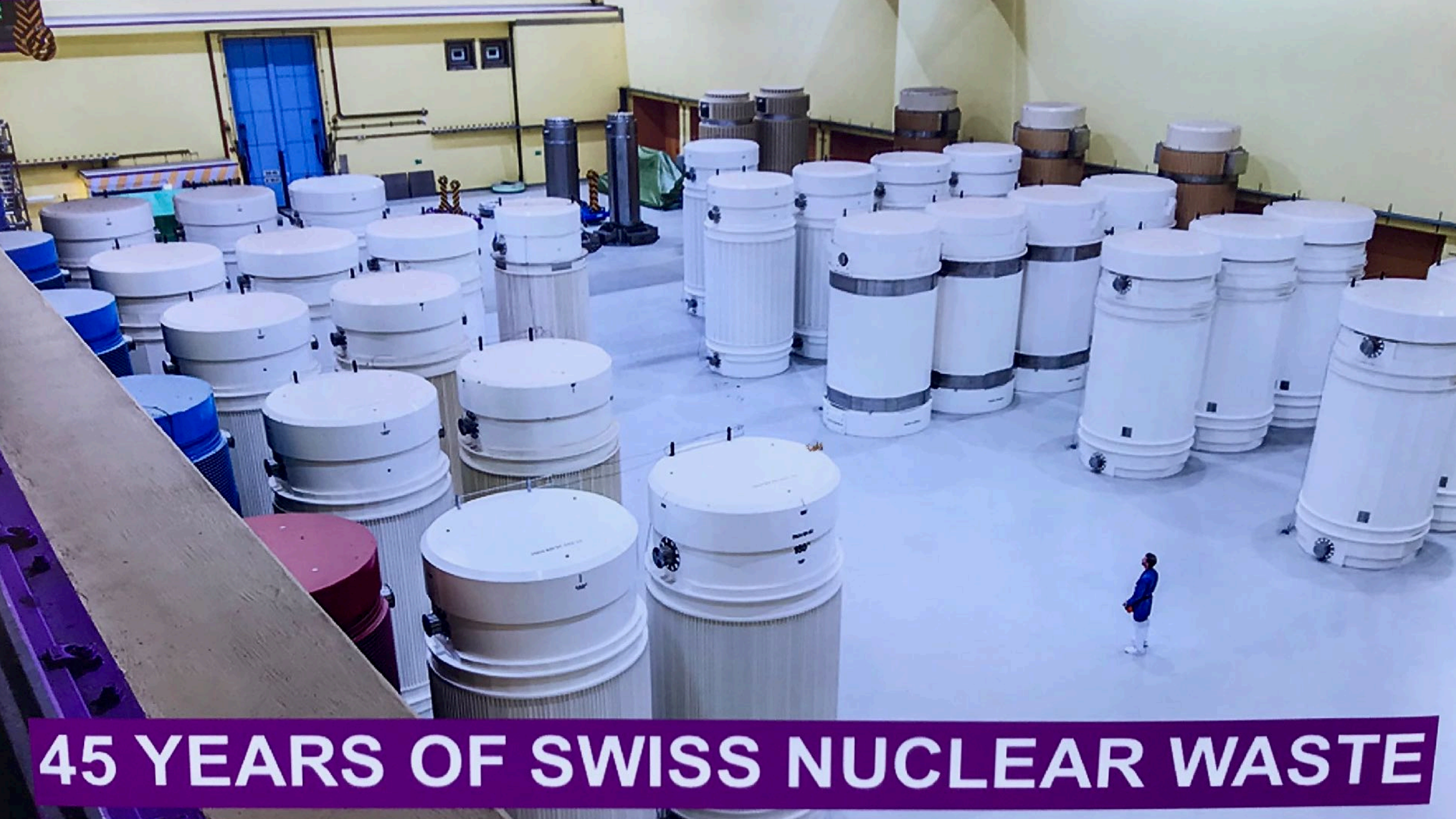
CALIFORNIA 2049

Materials throughput by type of energy source

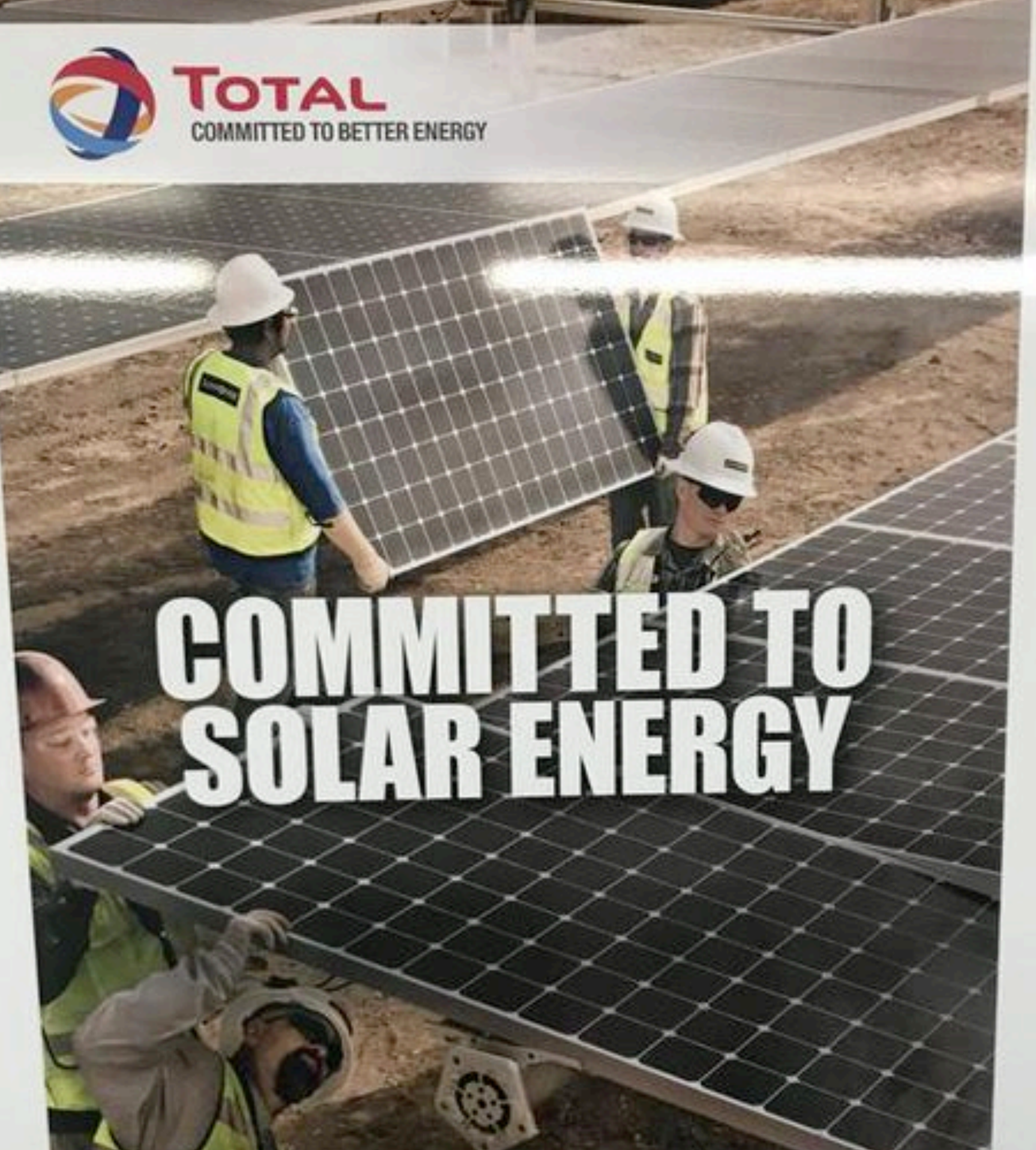


ENVIRONMENTAL PROGRESS

"Quadrennial Technology Review: An Assessment of Energy Technologies and Research Opportunities," Table 10. September 2015. United States Department of Energy. Nuclear and hydro require 10 tonnes/TWh and 1 tonne/TWh of other materials, respectively, but are unable to be labeled on the graph.

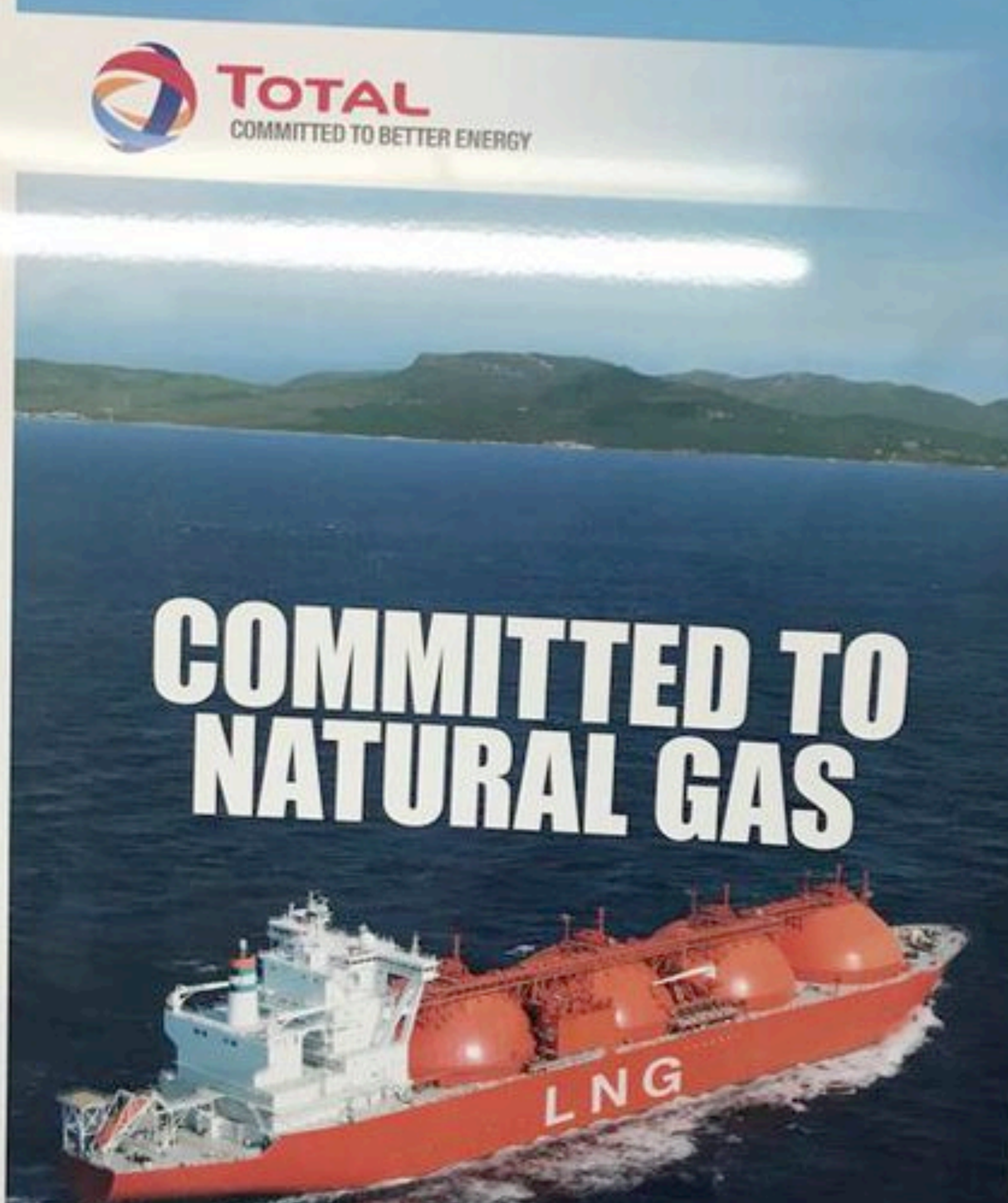

45 YEARS OF SWISS NUCLEAR WASTE

TOTAL
COMMITTED TO BETTER ENERGY



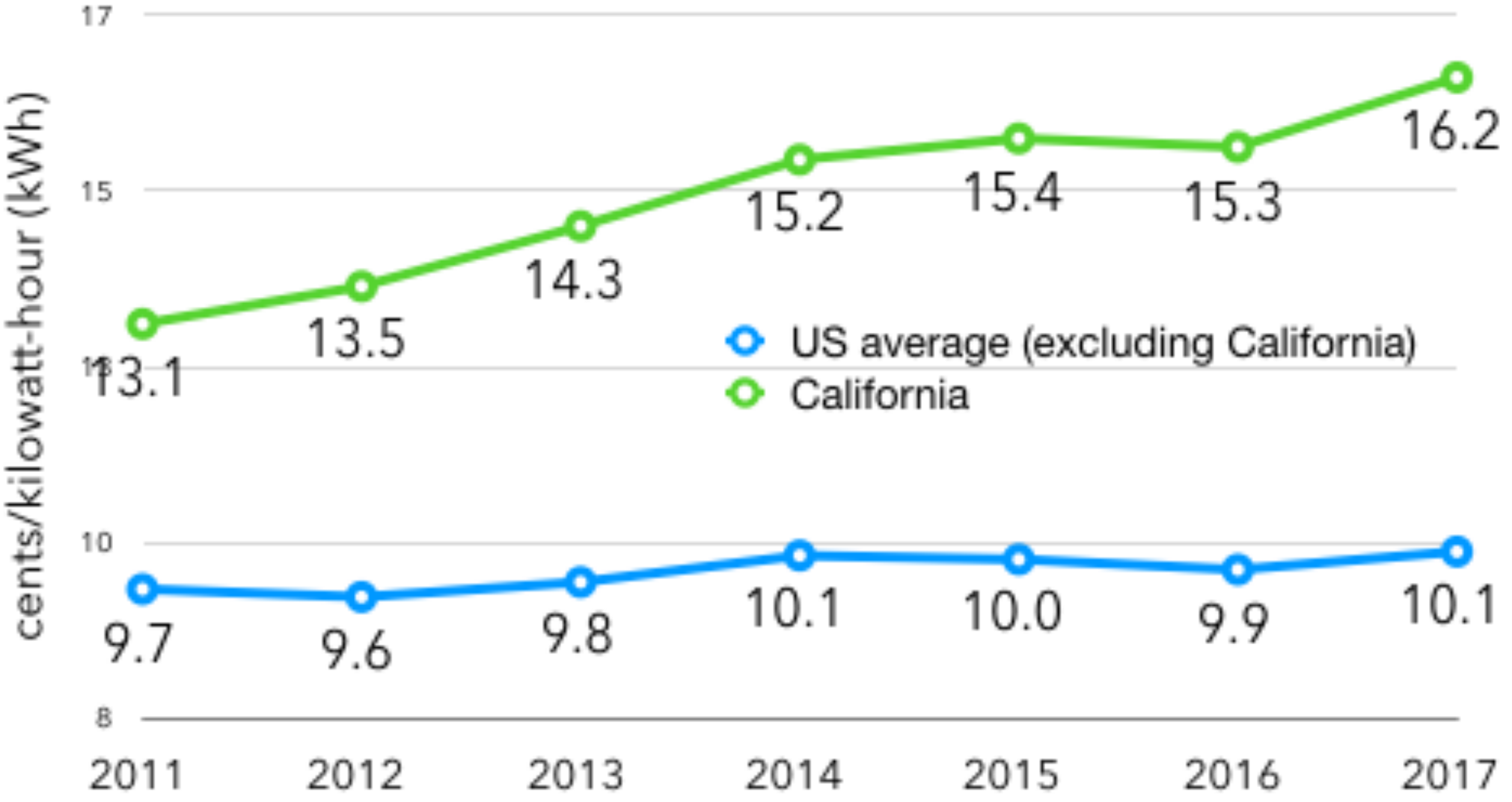
COMMITTED TO SOLAR ENERGY

TOTAL
COMMITTED TO BETTER ENERGY



COMMITTED TO NATURAL GAS

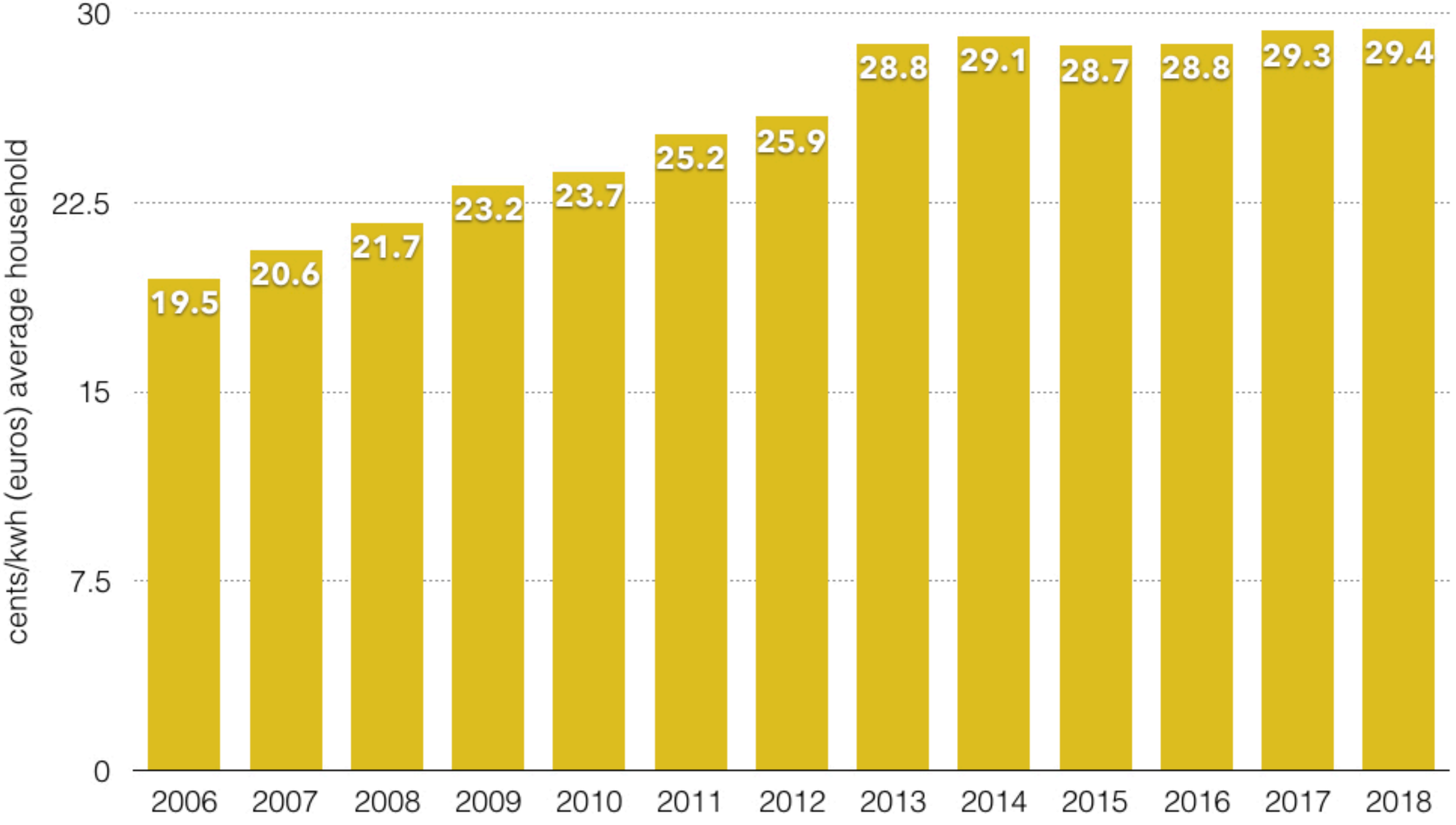
Electricity prices in California rose 5x more than in rest of U.S.



ENVIRONMENTAL PROGRESS

Source: US Energy Information Administration, 2017.

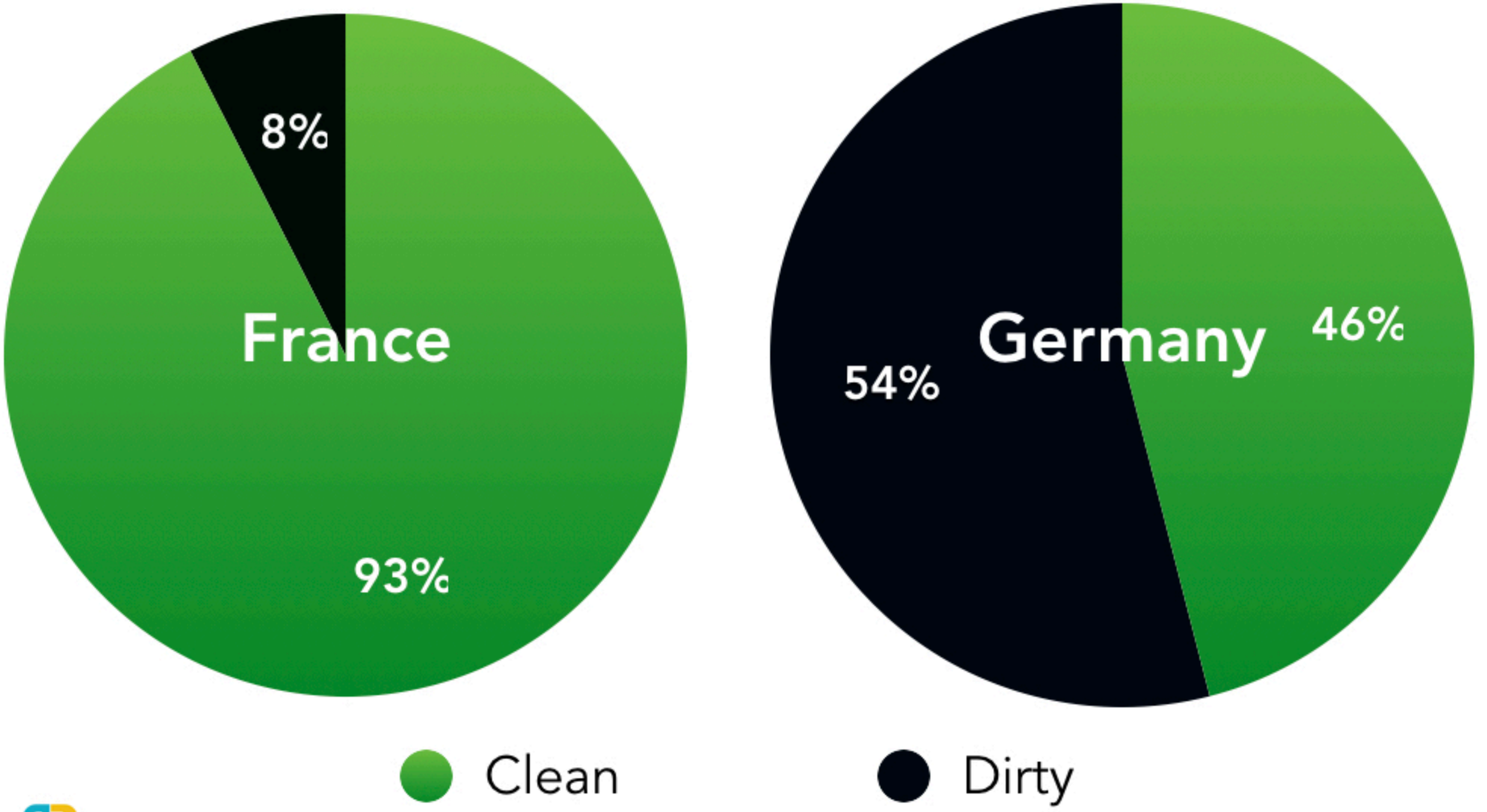
German electricity prices rose 51 percent, 2006 - 2018



ENVIRONMENTAL PROGRESS

Source: Federal Association of German Energy and Water Industries (BDEW), 2017, via Clean Energy Wire, 2018

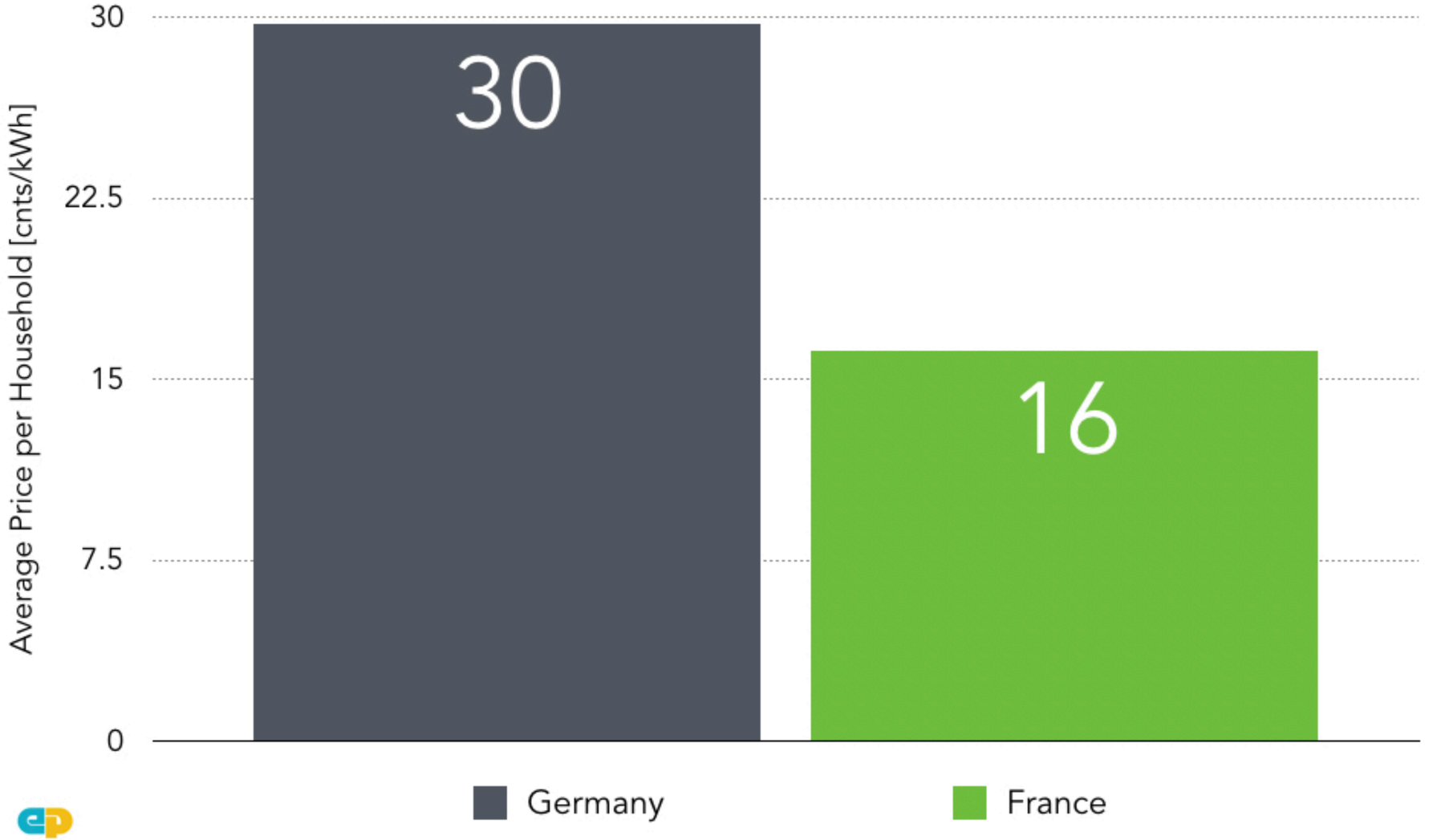
France generates 2x more electricity from clean energy sources than Germany.



ENVIRONMENTAL PROGRESS

Source: BP Energy Outlook 2016

German electricity is 2x more expensive than French electricity.



ENVIRONMENTAL PROGRESS

Source: Eurostat, 2015

Had Germany spent $580 billion on nuclear instead of renewables, it would be generating over 100 percent of its energy for electricity and transportation from clean, zero-emission sources.

ENVIRONMENTAL PROGRESS