Energy and Prosperity

Fossil fuels are the true foundation of sustainability, prosperity... and morality

America First Energy Conference
Paul Driessen • November 9, 2017
Predicting the future

Real Sustainability is:
- science-based
- people and environment-friendly
- economically and ecologically sustainable
Ethanol mandates

Riches for ethanol producers ... higher costs for everyone else
Solar energy mandates

Nellis Air Force Base solar farm *versus* Palo Verde Nuclear Power Plant
Wind energy mandates
Replacing 25 billion megawatt-hours

- Total global **electricity** consumption
- Charge batteries for seven windless days
- 16% capacity for average wind sites

Best U.S. wind turbine sites
100 million 400-foot-tall turbines!

1.5 billion acres – 80% of Lower 48 USA!
Replacing **25 billion megawatt-hours**

**100 million wind turbines:**
- 60 billion tons of steel
- 65 billion tons of copper
- 9 million tons of neodymium
- 2 billion tons of petroleum-based composites ... and much, much more
Intermittent, unreliable electricity
More land and raw material needs

Iron ore: 375,000 voyages
Coking coal: 150,000 voyages

Transmission lines – Still more raw materials, energy, voyages

Are massive lithium-ion battery arrays the answer?
Five trillion Tesla battery packs!

- 100 kilowatt-hours of storage per battery pack
- To provide 25 billion megawatt-hours of electricity storage
- For seven days

Car battery packs end to end: 1.5 times Lower 48 States
Impoverished nations want to develop

The world at night: Where people have electricity ... and where they don’t

“Let” them develop?
Where the raw materials come from

Rare earth metals: mine, toxic lake, processing plant in Baotou, China

Lithium and cadmium: mining operations in Democratic Republic of Congo
It’s not sustainability. It’s control.

Real Inconvenient Truths
The blessings of electricity for all

- Solar ... Wind ... Biofuel?
- Dung patties?
- Hydroelectric?
- Coal ... Natural Gas?
- Nuclear?

New coal-fired power plant in South Africa

Dung patties on house
*True* sustainability for all humanity

Don’t do what rich countries are doing now that they *are* rich ...
Paul Driessen

Committee For A Constructive Tomorrow
www.CFACT.org

Congress of Racial Equality

Heartland Institute

www.Eco-Imperialism.com
www.Townhall.com
Books, articles, documentaries, etc.

- **Miracle Molecule**
  *Carbon Dioxide Gas of Life*
  The astonishing story of a single molecule that makes life on Earth possible, and conditions as we know it today.
  *Paul Driessen*
  Foreword by *Roy Spencer*

- **Eco-Imperialismo**
  *Green Power Black Death*
  *Paul Driessen*

- **Climate Hype Exposed**
  *Paul Driessen*

- **All The Unsung Heroes**
  *Vietnam Memorial*

- **Paraplegic diver**
  - no fins, webbed gloves

- **Marine life under California oil platform**
Average global temperatures, 1979-2017

- Satellite era only – no real or significant increase since 1998
- Except noticeable spikes during 2010-11 and 2015-16 El Ninos
- Now mostly back to “normal,” as 2017-18 La Niña approaches
- Nothing “dangerous” – and cannot separate human from natural factors

Source: Drs. Roy Spencer and John Christy
University of Alabama-Huntsville
"97% consensus" is a myth

- AGU survey to 10,257 scientists: 3,146 responded
  AGU selected 77 – 75 agreed with two questions – other 3,069?
- Cook review of abstracts – 41 of 11,944 published papers said humans caused most of warming since 1950 = 0.3% not 97%
- OISM: 31,000 US scientists: no convincing evidence of CAGW
- US Senate report: 700 international scientists dissent on CAGW
- American Meteorological Society poll: 48% say no evidence
- Michael Crichton: “If it’s science, it isn’t consensus. If it’s consensus, it isn’t science.”
The 2016 presidential elections:

- More people voted for Hillary Clinton
- But they were mostly in urban areas
- 95% of all US counties voted for Trump
Average global temperatures, 1979-2017

- Satellite era only – no real or significant increase since 1998
- Except noticeable spikes during 2010-11 and 2015-16 El Niño
- Now mostly back to “normal,” as 2017-18 La Niña approaches
- Nothing “dangerous” – and cannot separate human from natural factors

Source: Drs. Roy Spencer and John Christy
University of Alabama-Huntsville

Source: HadCRUT4.5
(HadSST3 and CRUTEM4.6 stations data)