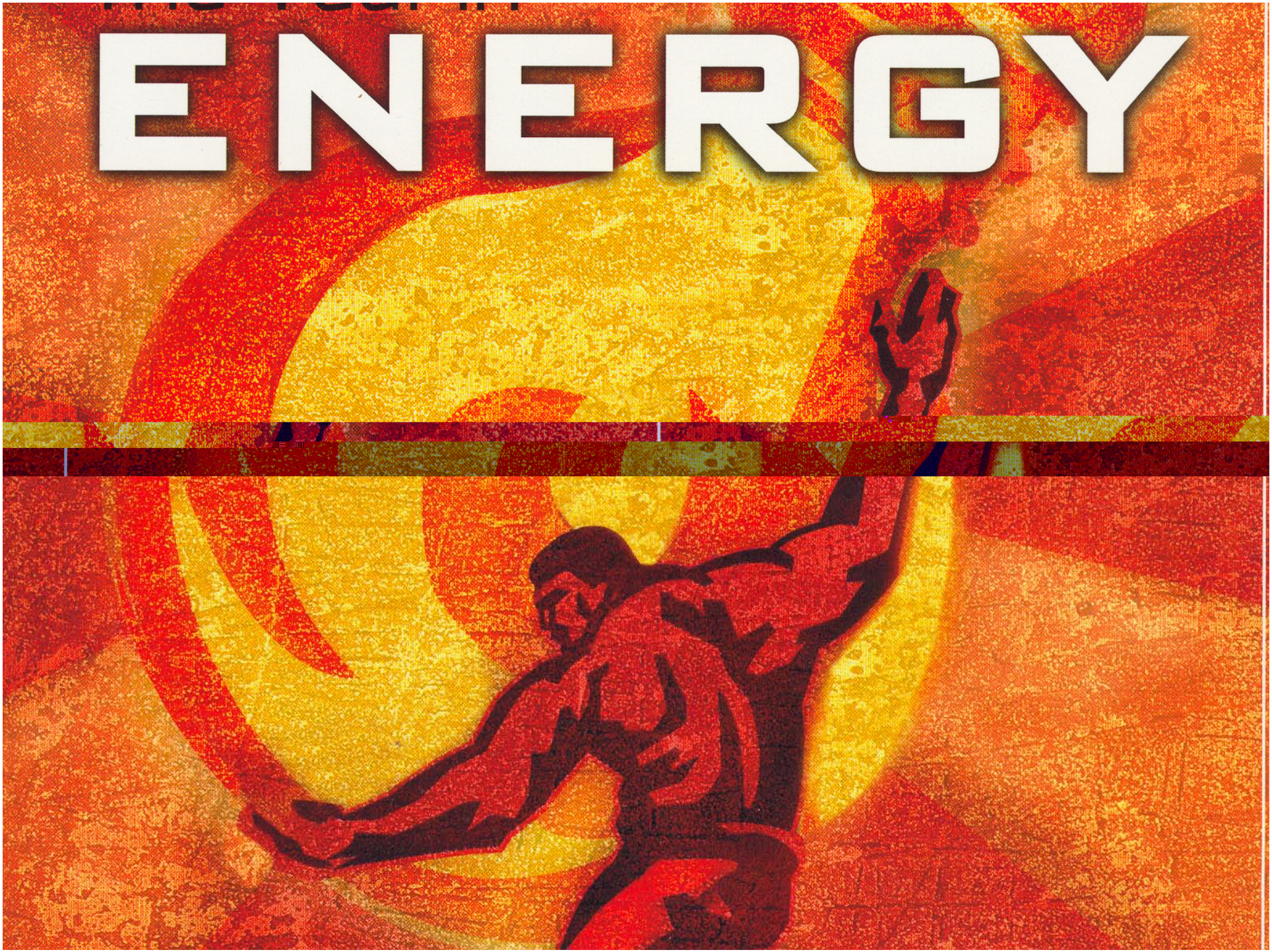
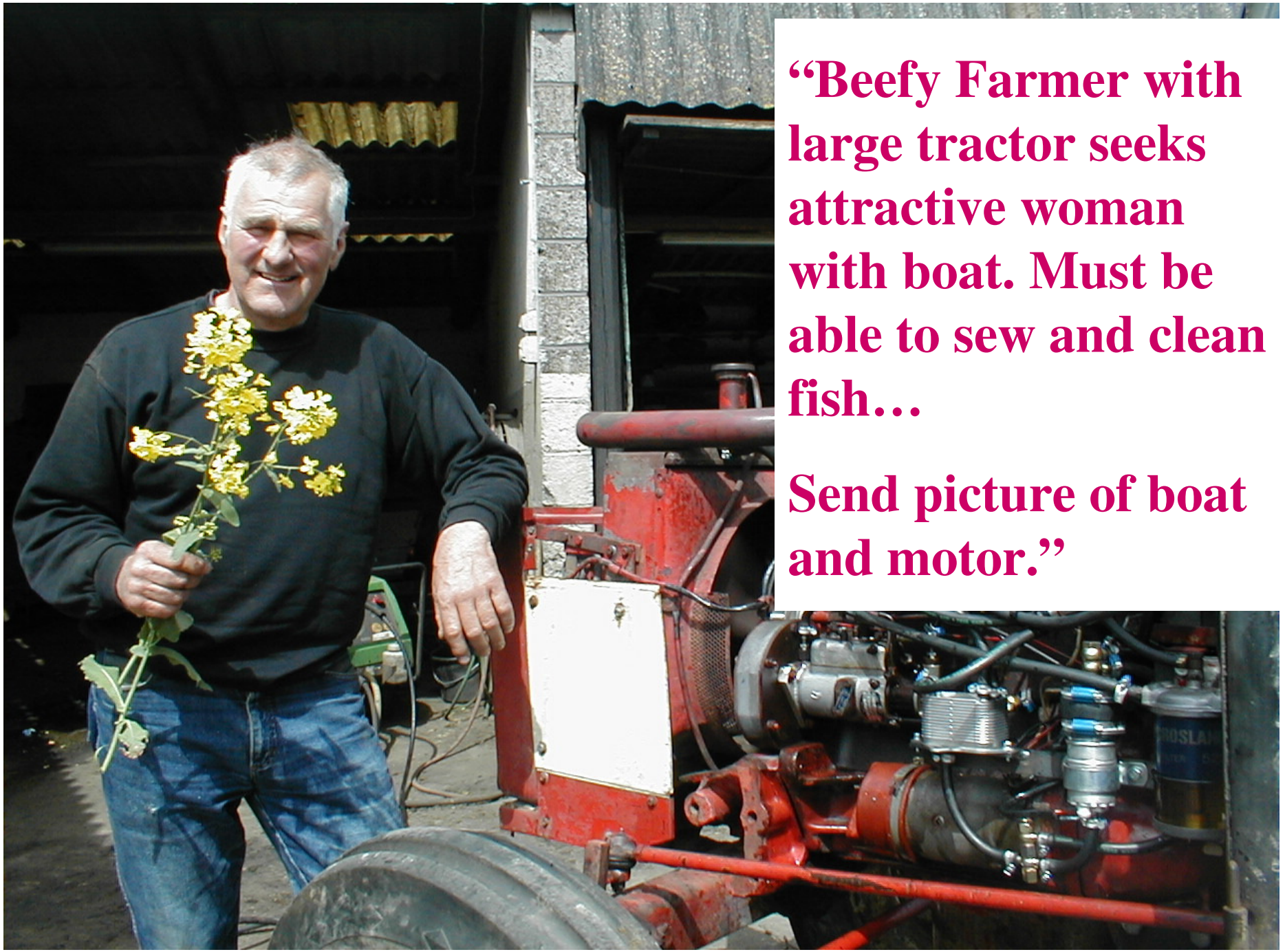

ENERGY


How Do We Preserve American Prosperity?
What Role will Nebraska Play?
What Role will Wind Play?


THE NORTH FACE

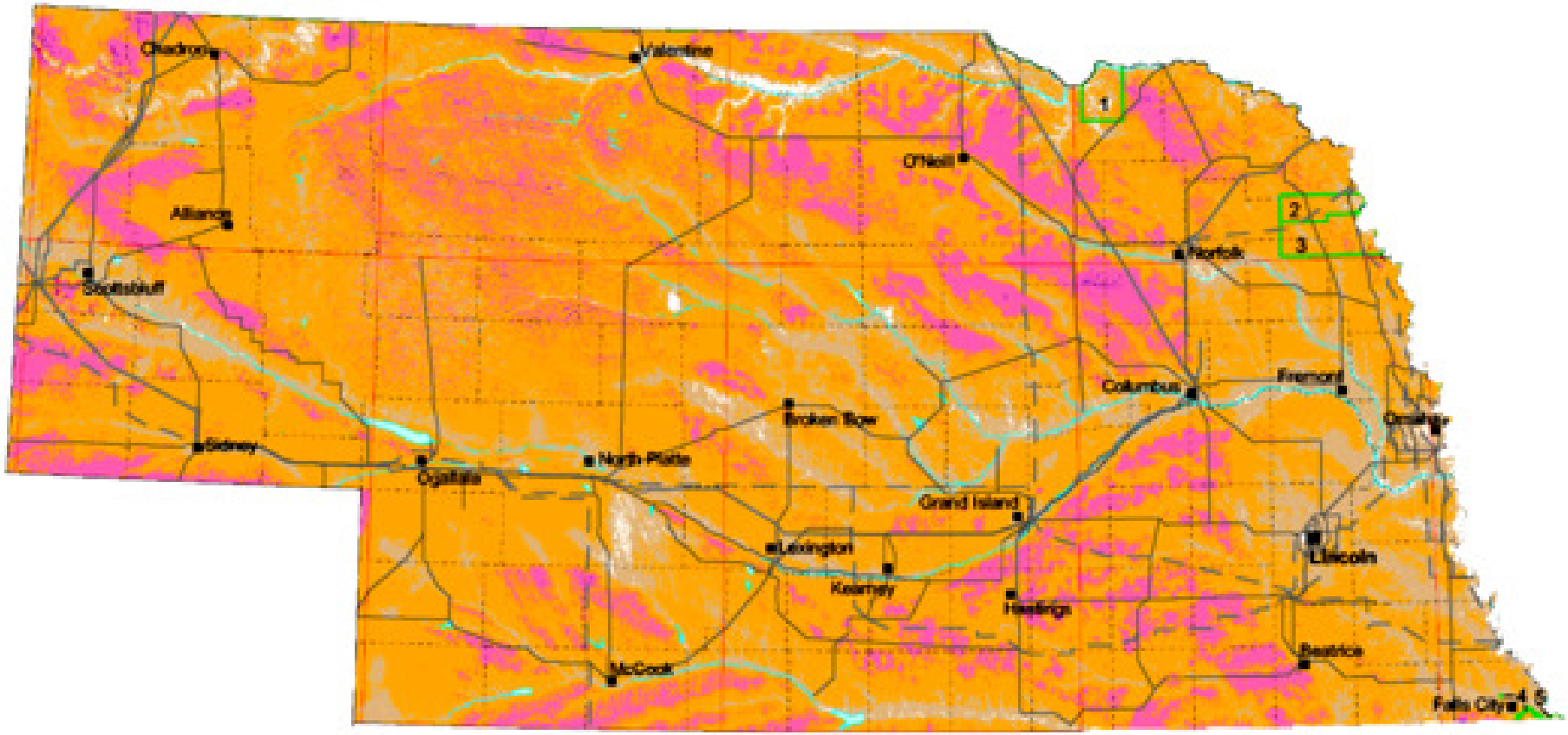

207

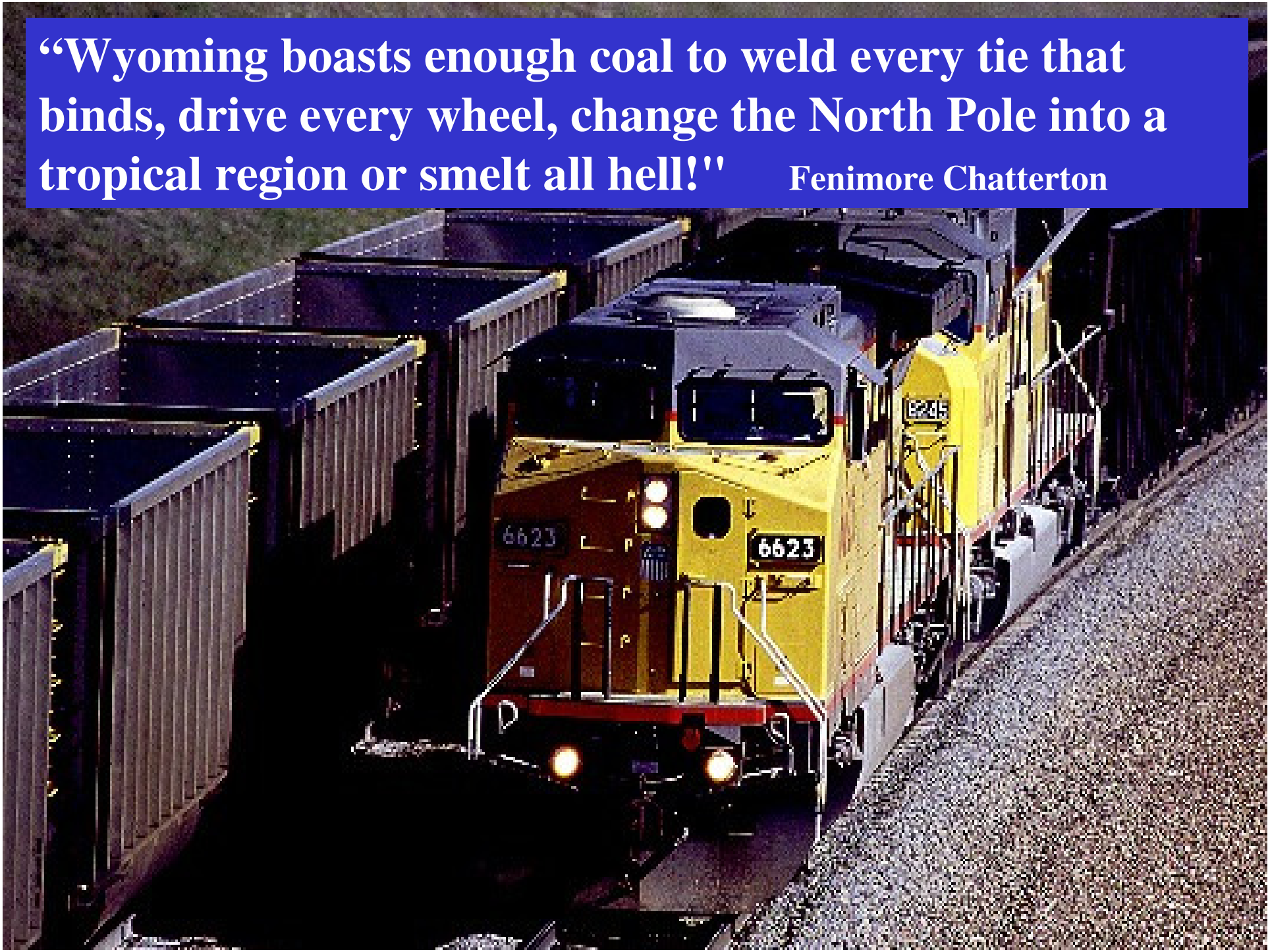


“Beefy Farmer with large tractor seeks attractive woman with boat. Must be able to sew and clean fish…

Send picture of boat and motor.”

Many parts of Nebraska are swept by $3 Million of Wind Energy Per Square Mile Each Year




“Wyoming boasts enough coal to weld every tie that binds, drive every wheel, change the North Pole into a tropical region or smelt all hell!" Fenimore Chatterton
6623
6623

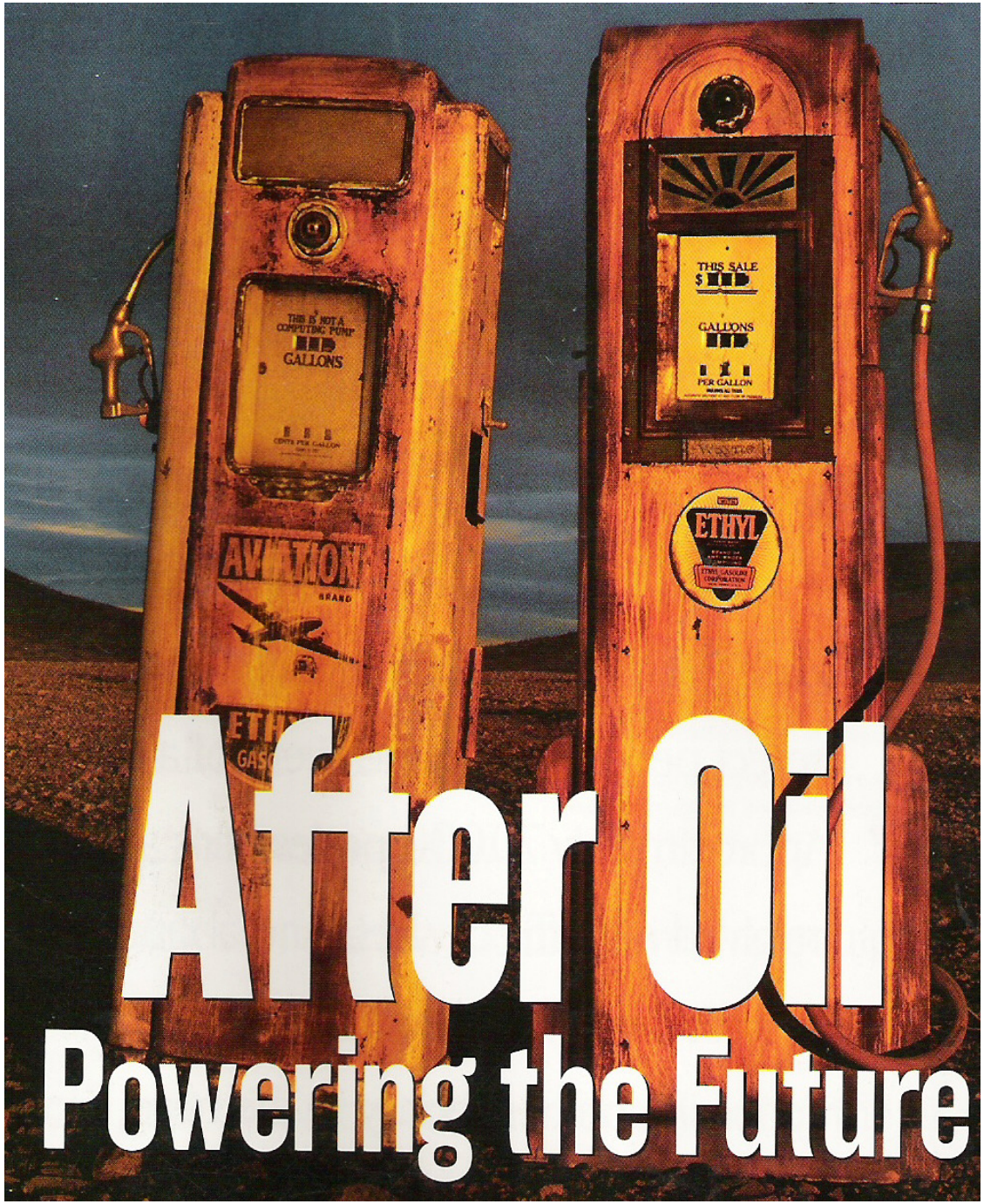
A Splash of Green For the Rust Belt

A Splash of Green for the Rust Belt

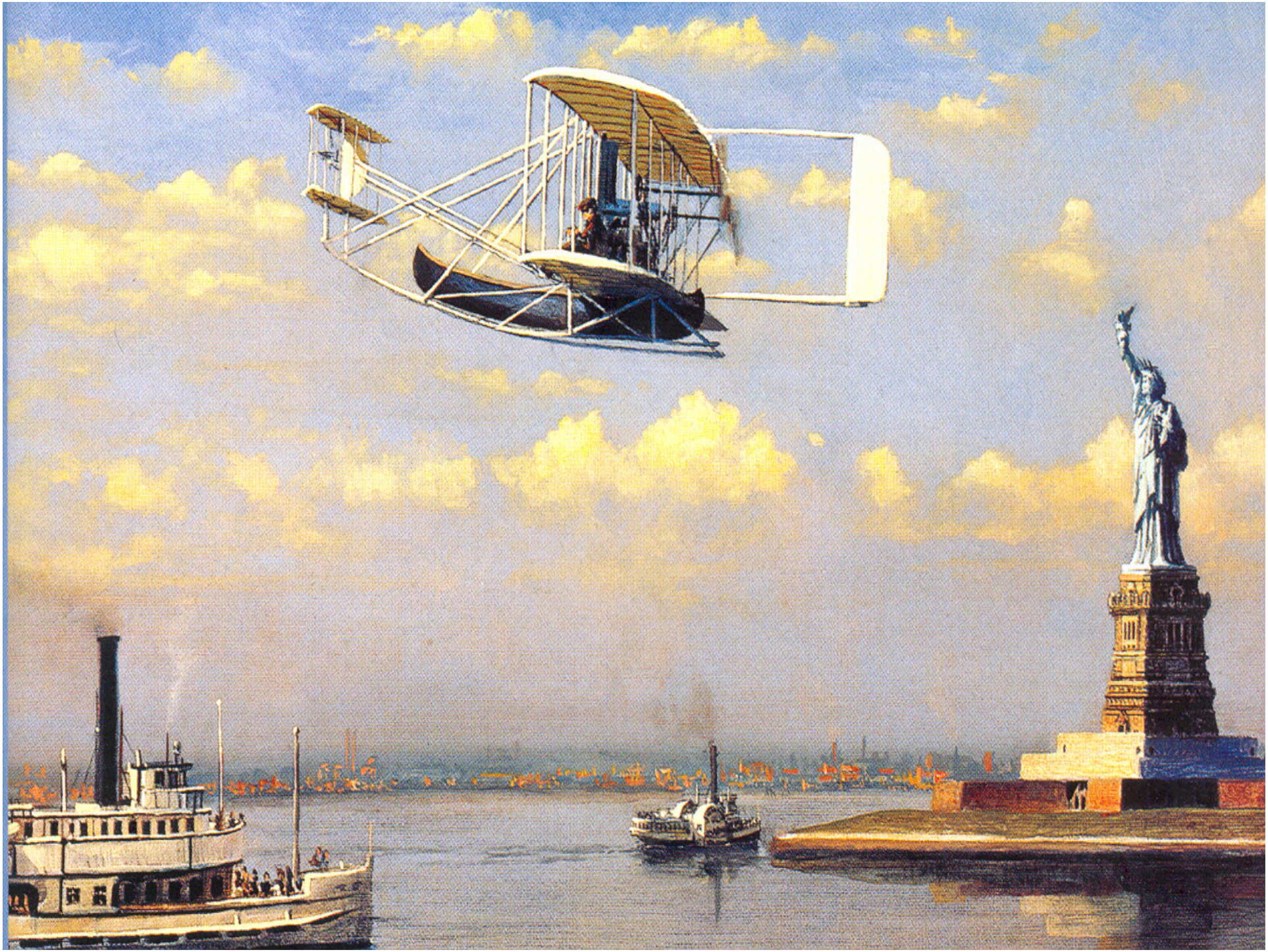
"Life's not over," Mr. Versendaal says. "For 35 years, I pounded my body to the ground. Now, I feel like I'm doing something beneficial for mankind and the United States. We've got to get used to depending on ourselves instead of someone else, and wind is free. The wind is blowing out there for anybody to use."

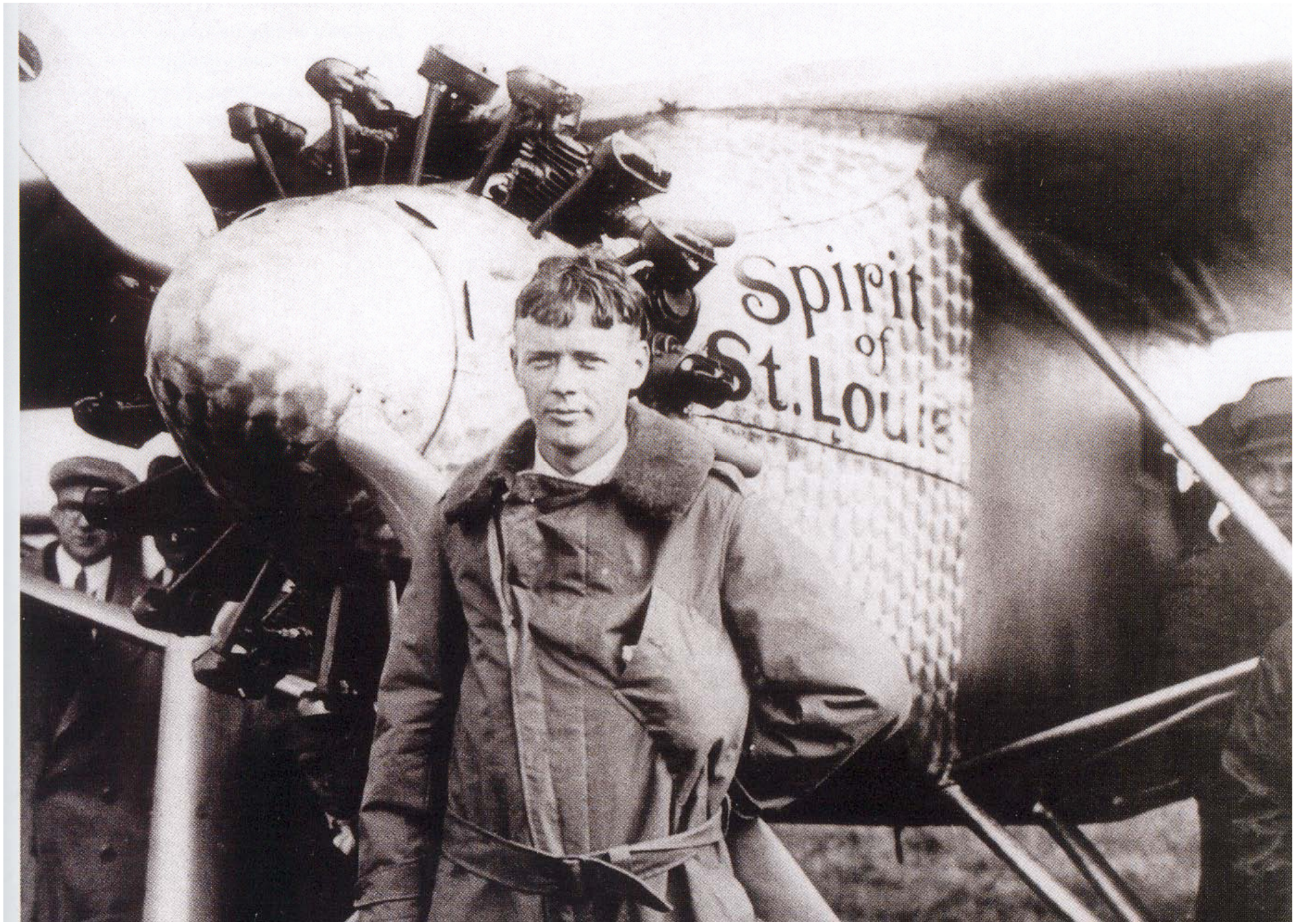
“You reinvest in industrial capacity. You use wind to revitalize the Rust Belt. You make steel again. You bring jobs home. You plant wind turbines as if they were trees.” .

"Automobiles, washer-dryers and other appliances have become commodities in their retirement phase. How our economy functions is changing. We built this whole thing around oil, and now we've got to replace that." **Kimberly M. Didier, Newton Development Corporation.**




USA
NASA
Endeavour

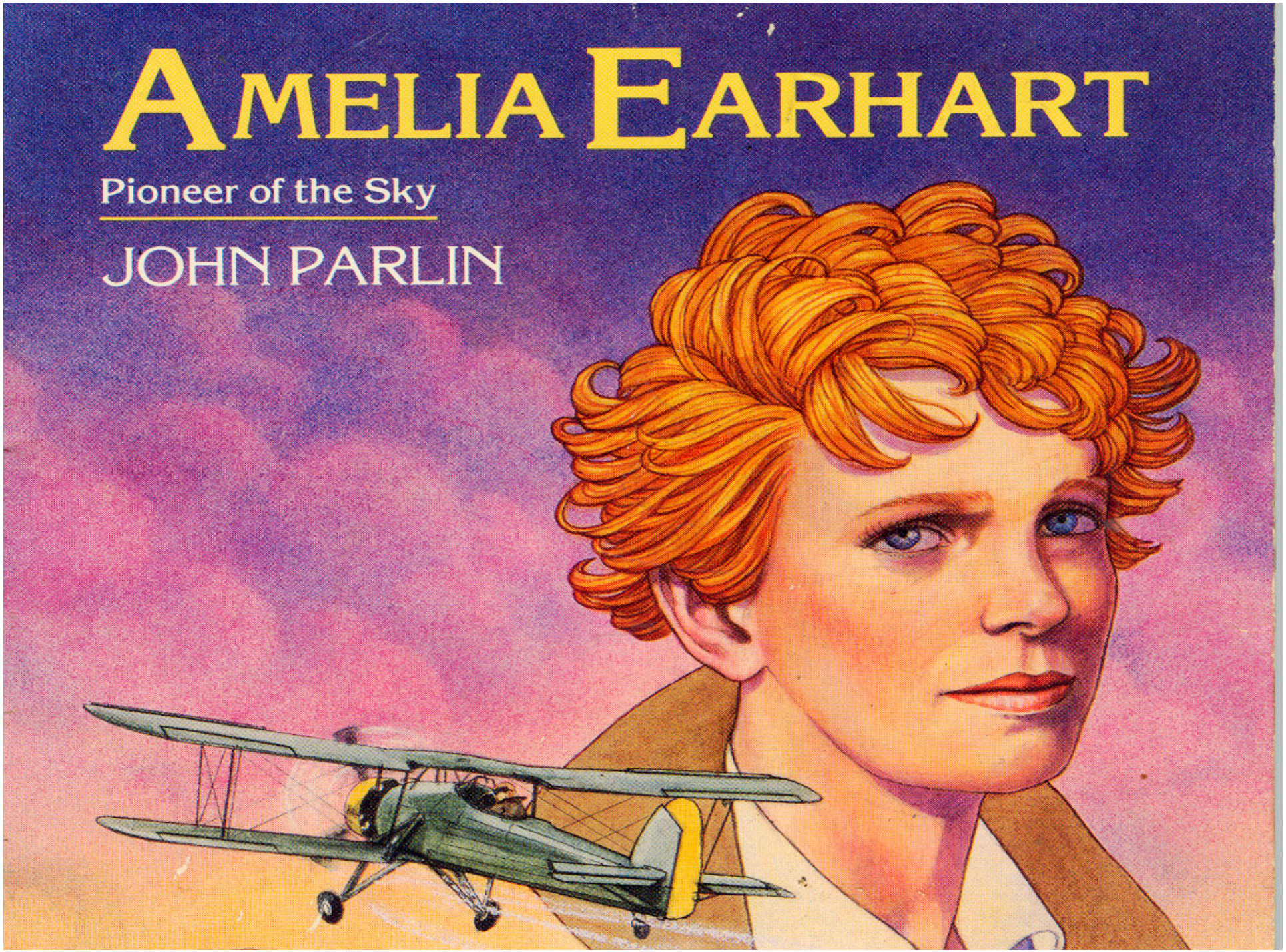



Spirit
of
St. Louis

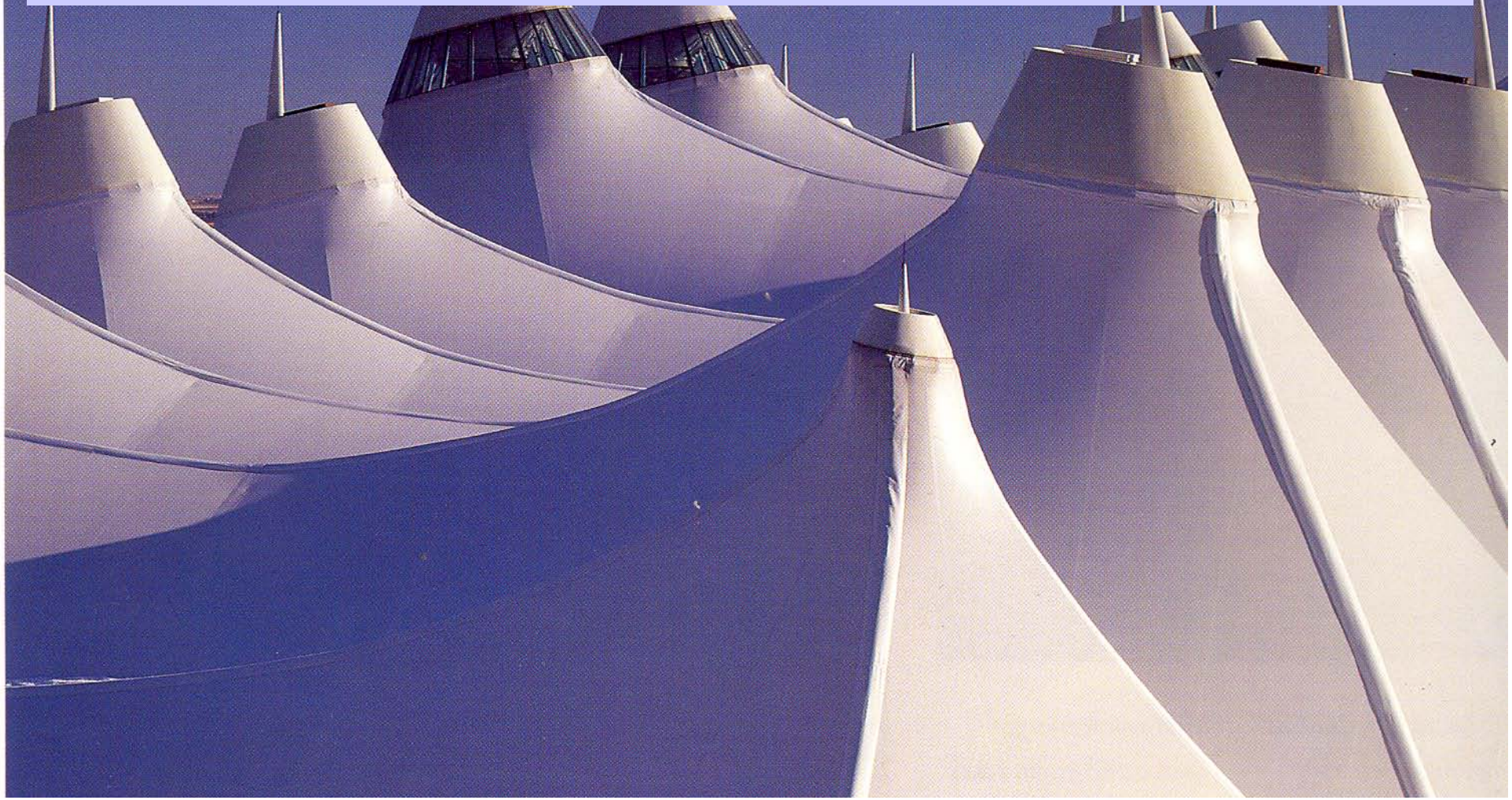
AMELIA EARHART

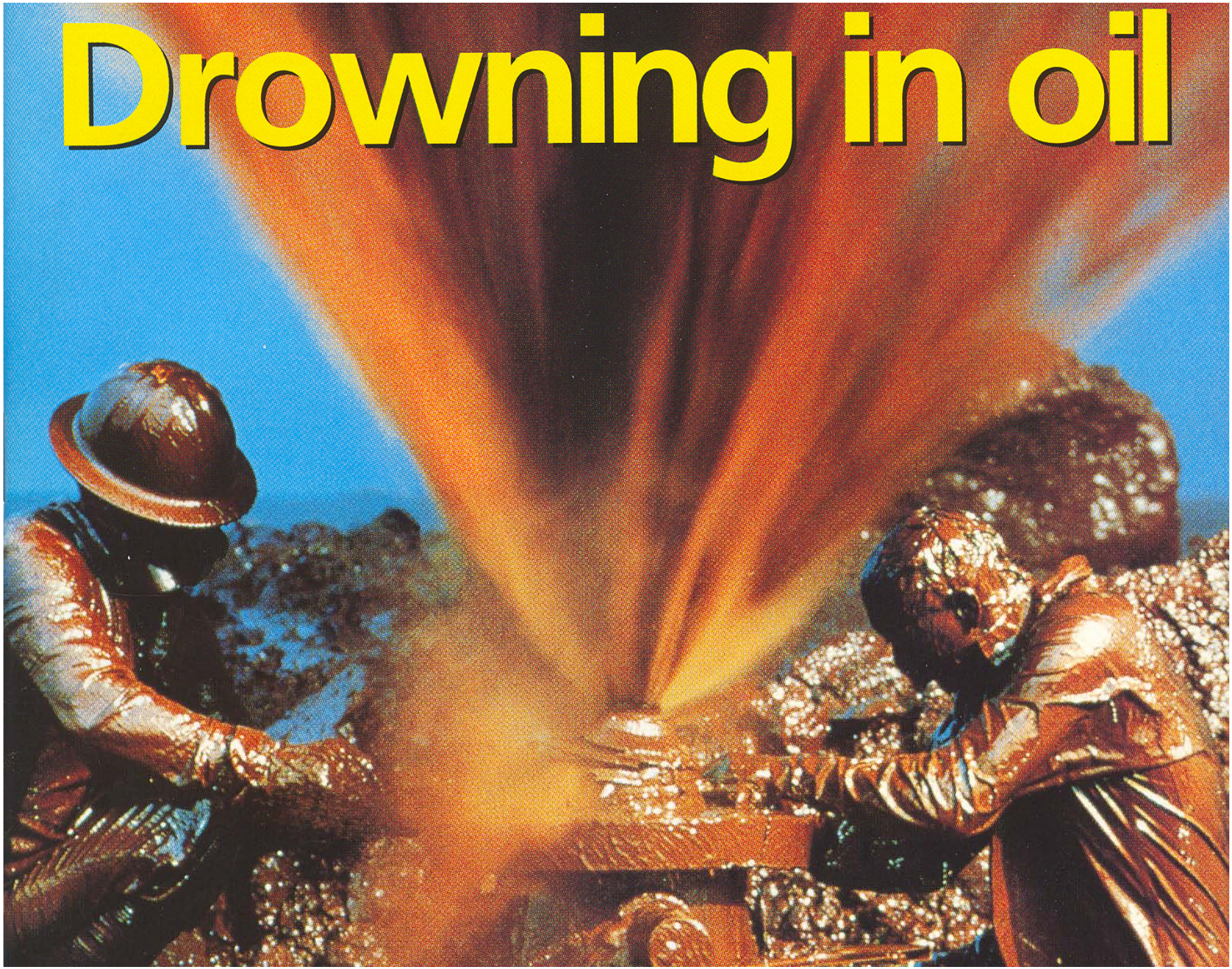
Pioneer of the Sky

JOHN PARLIN

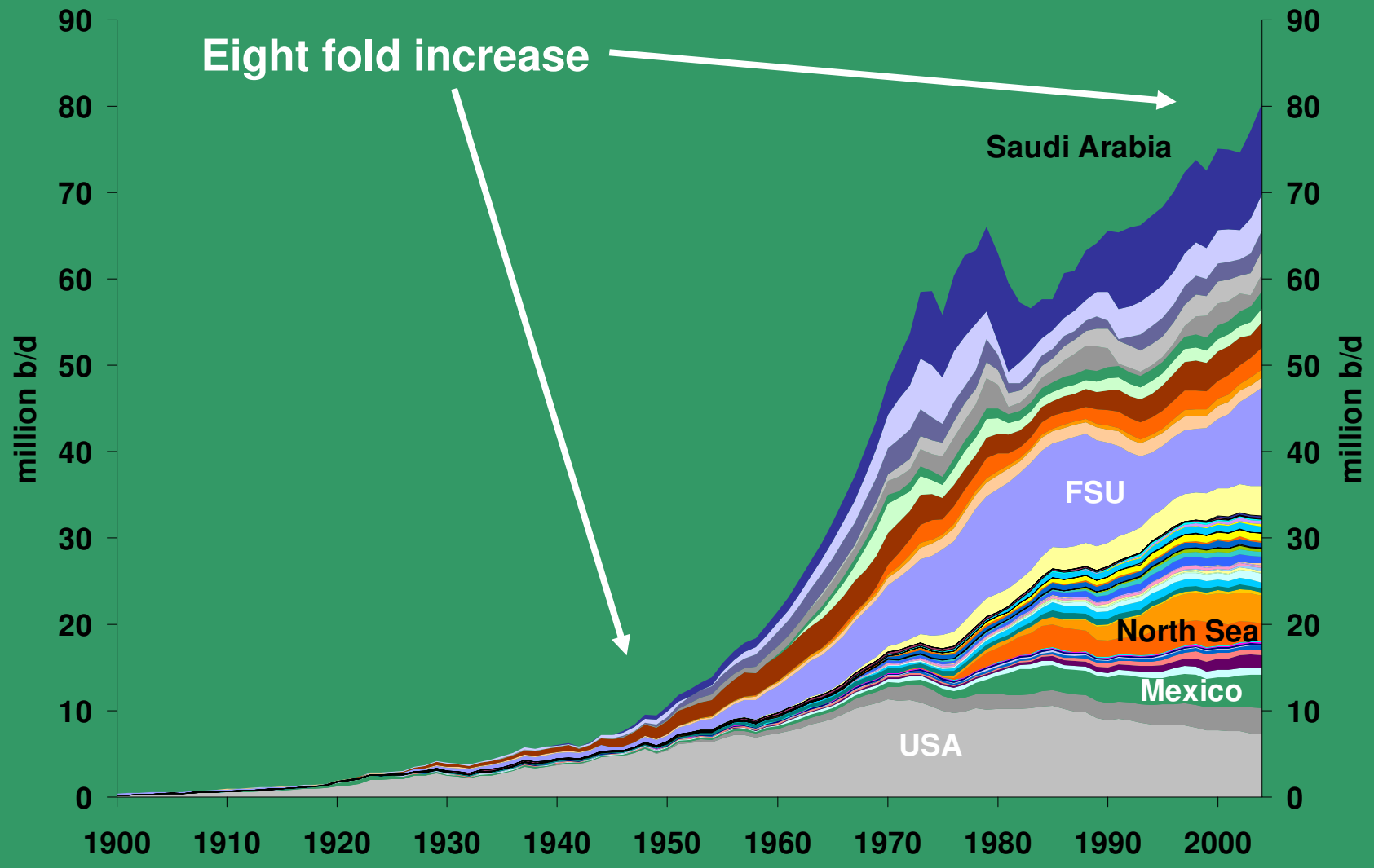


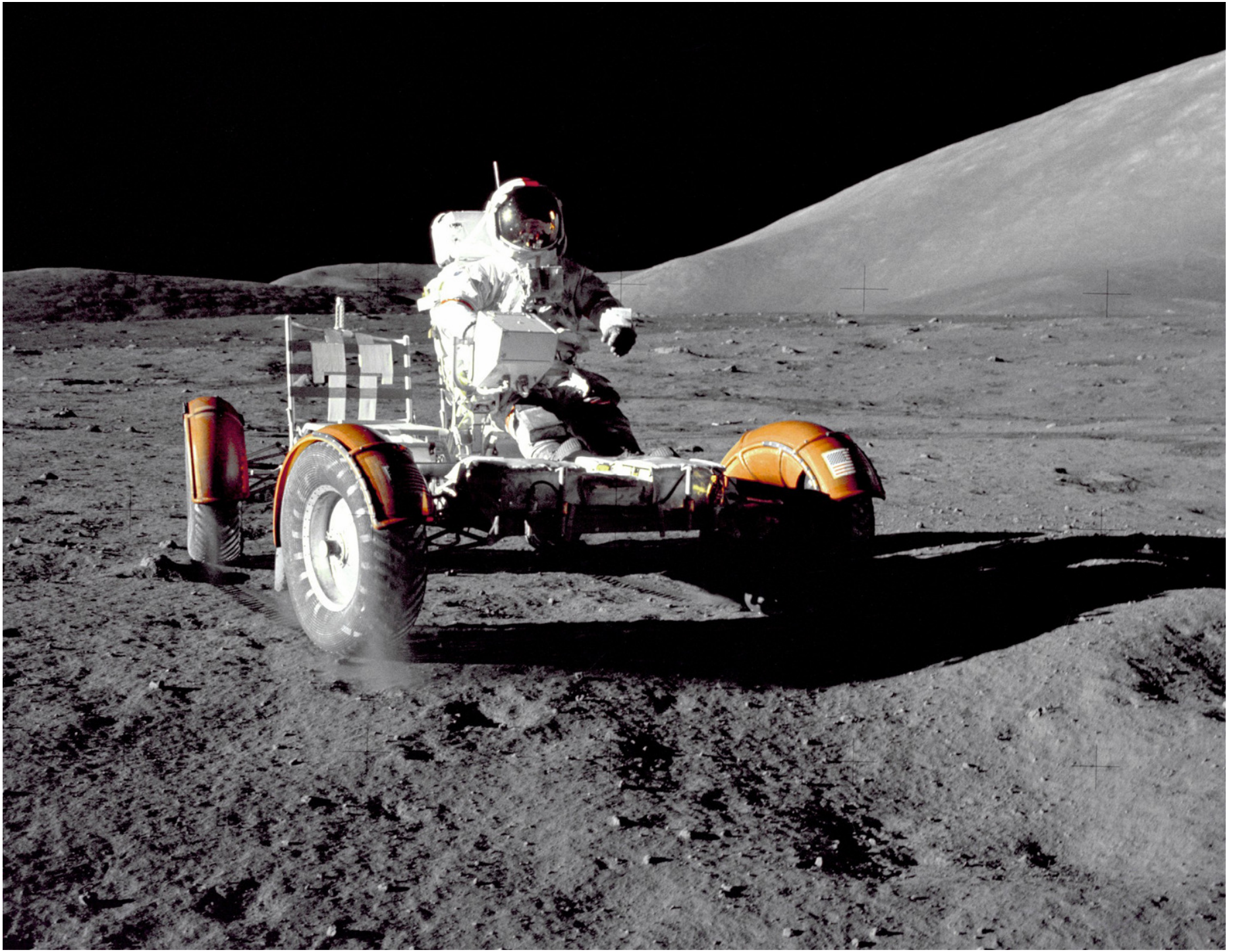
As recently as 1975, 80% of Americans had never flown. This year, 8 million flights will carry 600 million passengers.



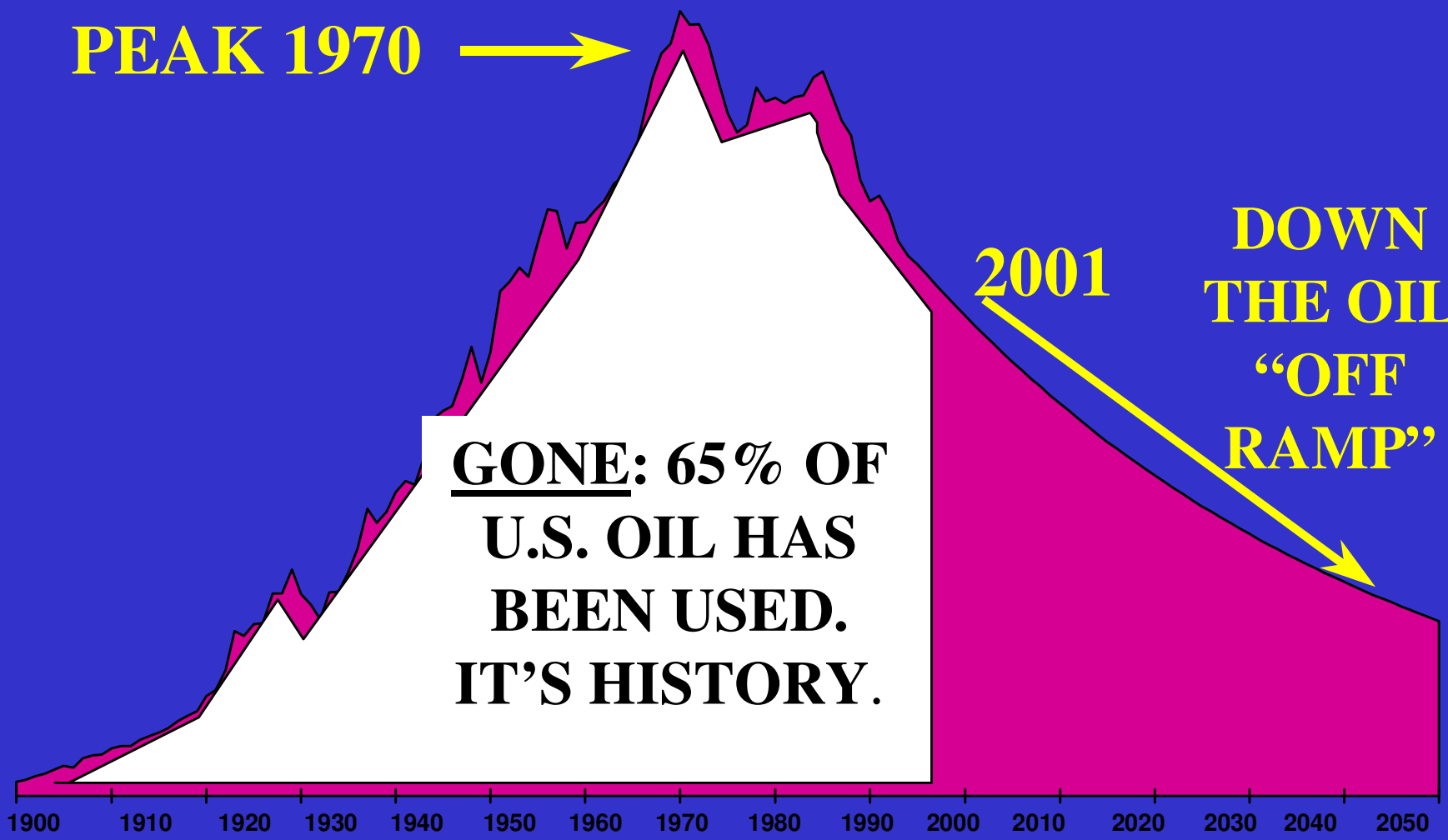

Drowning in oil

World Oil Supply: 1900-2000

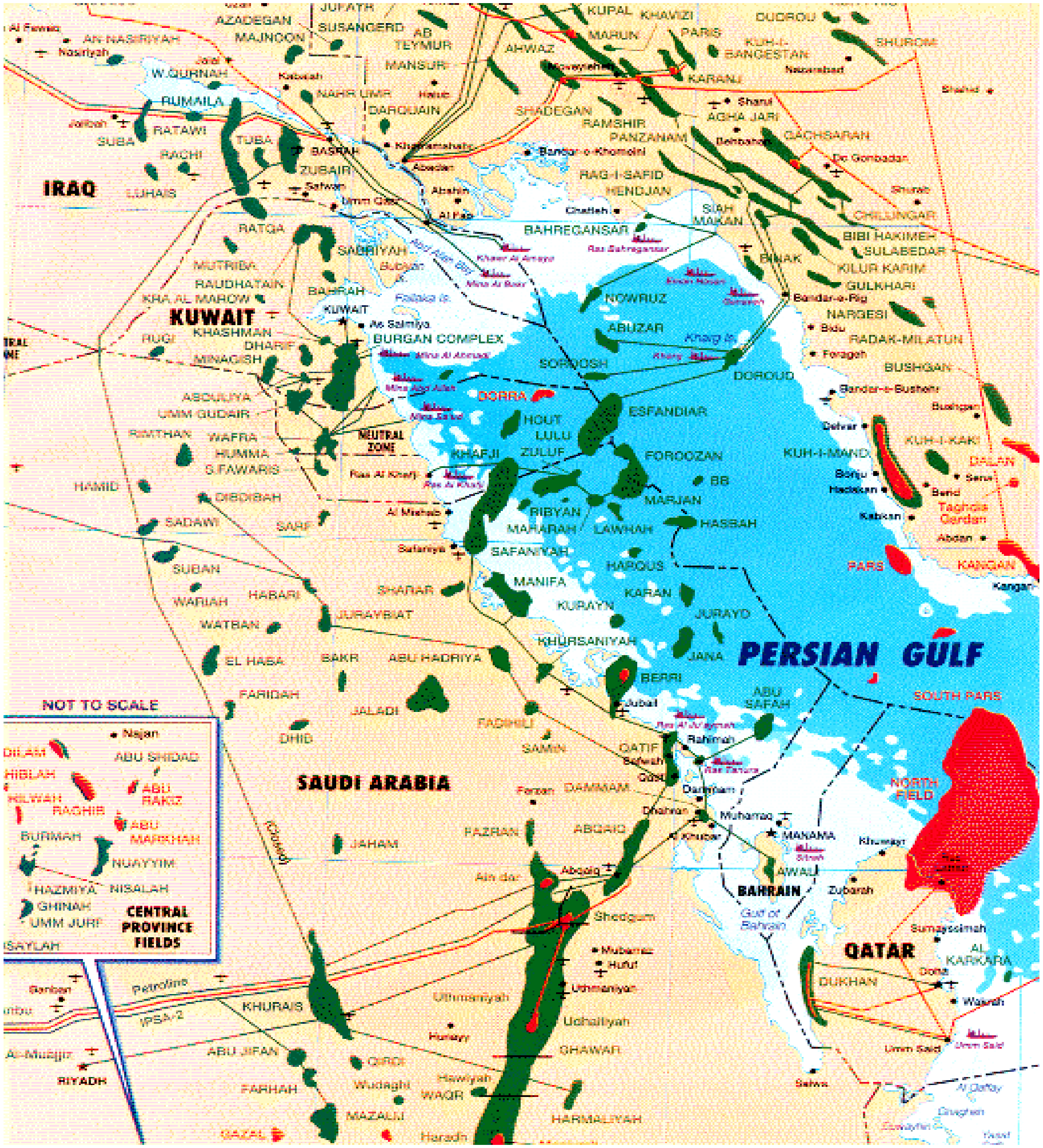




U.S. OIL PRODUCTION 1900 TO 2050




Budweiser
KING OF BEERS
Budweiser
Budweiser
Budweiser
Budweiser


IRAQ
KUWAIT
NEUTRAL ZONE
SAUDI ARABIA
PERSIAN GULF
BAHRAIN
QATAR
NOT TO SCALE
CENTRAL PROVINCE FIELDS
AZADEGAN
MAJNOON
SUSANGERD
AB TEYMUR
MANSURI
AHWAZ
MARUN
KUPAL
KHAVIZI
PARIS
DUDROU
KUH-I-BANGESTAN
SHUROM
KARANJ
AGHA JARI
GACHSARAN
RAMSHIR
PANZANAM
SHADEGAN
RAG-I-SAFID
HENDIJAN
SIAH MAKAN
BAHREGANSAR
CHILLINGAR
BIBI HAKIMEH
SULABEDAR
KILUR KARIM
GULKHARI
NARGESI
RADAK-MILATUN
BUSHGAN
BINAK
NOWRUZ
ABUZAR
SOROOSH
DOROUD
ESFANDIAR
FOROOZAN
KUH-I-MAND
KUH-I-KAKI
DALAN
PARS
KANGAN
SOUTH PARS
NORTH FIELD
W.QURNAH
RUMAILA
RATAWI
TUBA
BASRAH
ZUBAIR
RACHI
SUBA
LUHAIS
NAHR UMR
DARQUAIN
RATQA
SABRIYAH
MUTRIBA
RAUDHATAIN
BAHRAH
KHASHMAN
DHARIF
MINAGISH
BURGAN COMPLEX
ABDULIYA
UMM GUDAIR
RIMTHAN
WAFRA
HUMMA
S.FAWARIS
DORRA
HOUT
LULU
ZULUF
KHAFJI
RIBYAN
MAHARAH
LAWHAH
MARJAN
BB
HASBAH
SAFANIYAH
HARQUS
MANIFA
KARAN
KURAYN
JURAYD
KHURSANIYAH
JANA
BERRI
ABU SAFAH
HAMID
DIBDIBAH
SADAWI
SARF
SUBAN
WARIAH
HABARI
WATBAN
SHARAR
JURAYBIAT
EL HASA
BAKR
ABU HADRIYA
FARIDAH
JALADI
DHIB
FADHILI
SAMIN
QATIF
DAMMAM
FAZRAN
ABQAIQ
JAHAM
MANAMA
AWALI
DUKHAN
AL KARKARA
KHURAIS
ABU JIFAN
FARHAH
QIRDI
MAZALIJ
WAQR
GHAWAR
HARMALIYAH
Uthmaniyah
Udhailiyah
Shedgum
Ain dar
RIYADH
Petroline
IPSA-2
Najan
ABU SHIDAD
DILAM
HIBLAH
HILWAH
RAGHIB
ABU RAKIZ
ABU MARKHAH
BURMAH
NUAYYIM
HAZMIYA
NISALAH
GHINAH
UMM JURF
SAYLAH
Kuwait
Dhahran
Dammam
Jubail
Doha
Salwa
Gulf of Bahrain
Khawr Al Amaya
Mina Al Bakr
Mina Al Ahmadi
Mina Abd Allah
Mina Saud
Ras Al Khafji
Ras Tanura
Sitrah
Umm Said
Kharg Is.
Failaka Is.
Bandar-e-Bushehr
Bandar-e-Rig
Bandar-e-Khomeini
Khorramshahr
Abadan
Umm Qasr
Al Fao


Phillips
Regular
442 9
Diesel
509 9

HOT GROWTH COMPANIES

BusinessWeek

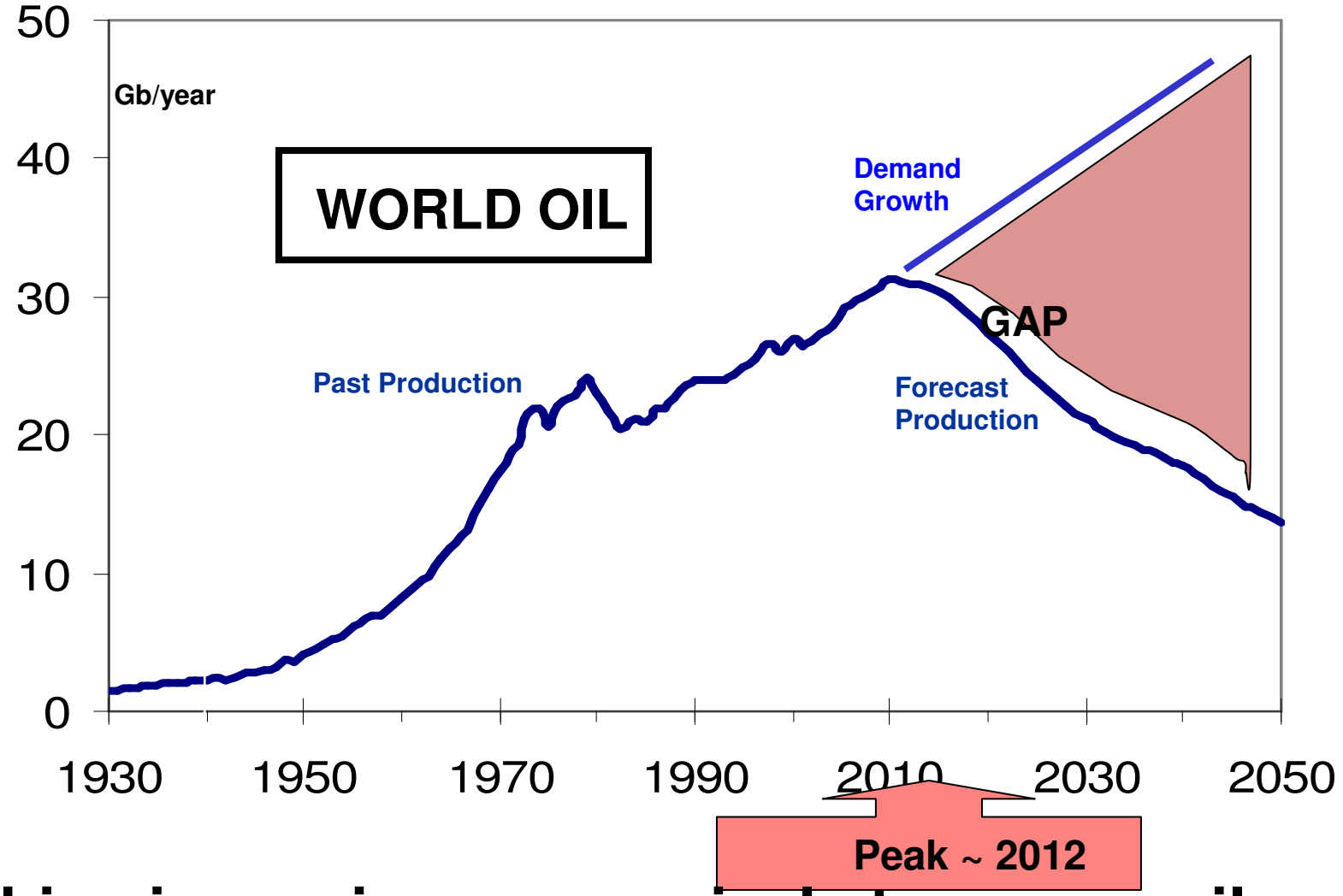
WHY HOUSING & OIL DON'T MIX | SPECULATION OR MANIPULATION? | SHOCK WAVES FOR AIRLINES | OIL IN THE ERA OF GRAND THEFT AUTO

OIL & THE ECONOMY

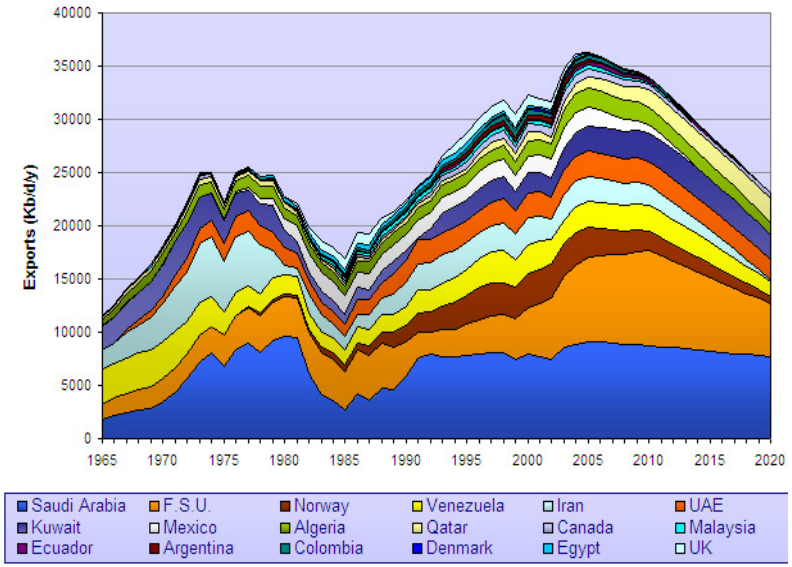
Borrowing Money to Import Foreign Oil and Natural Gas is a Recipe for Disaster

China was a net oil exporter until a decade ago, but by 2030, China's oil imports may equal American imports now.

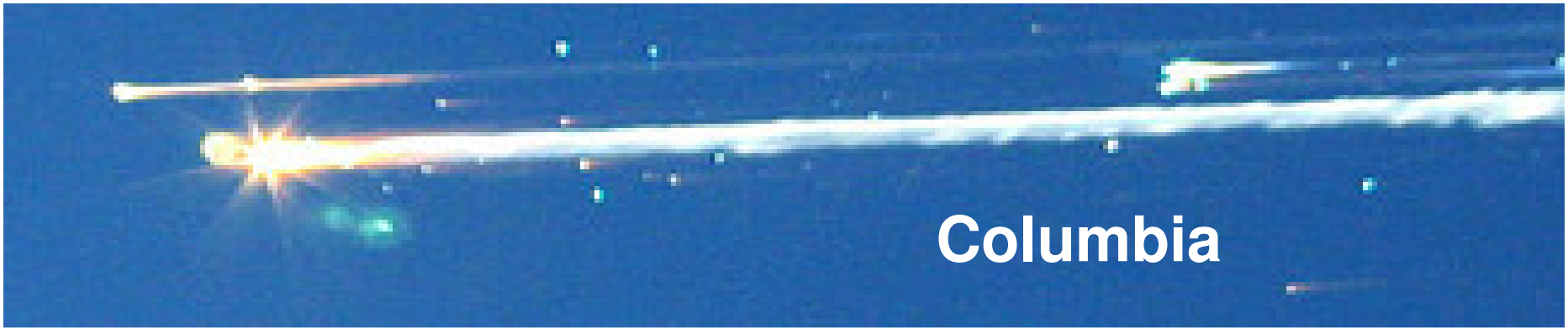
A Chinese View on Peak Oil



China is moving aggressively to secure oil supply. New deals with Iran, Venezuela, Canada…

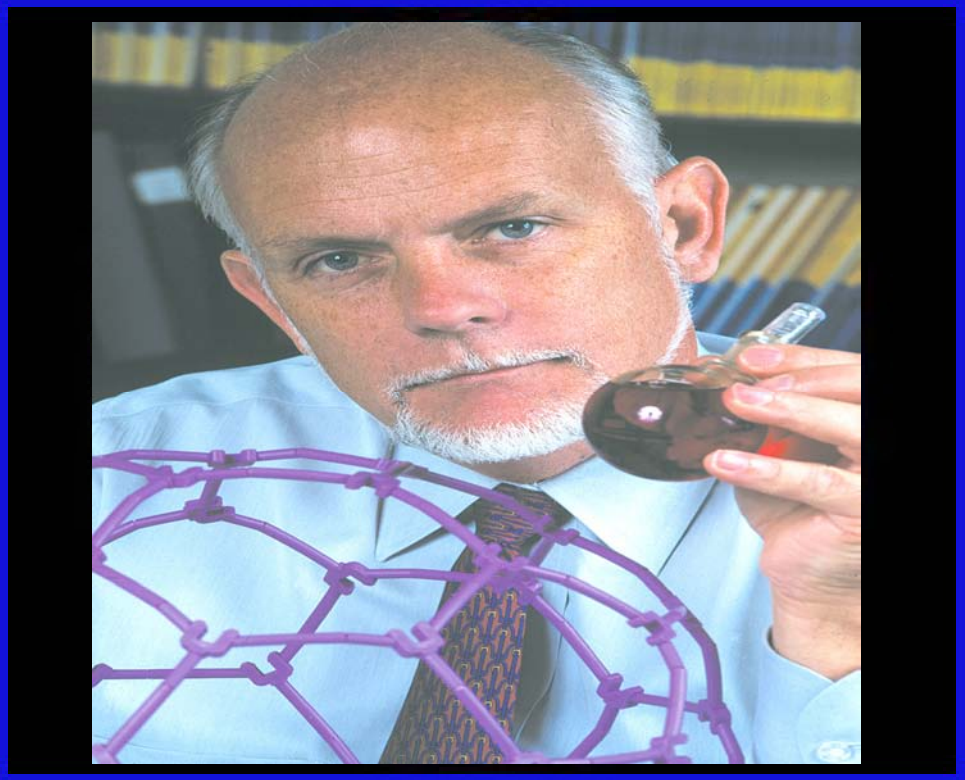


If oil exports are peaking, then we are "facing the most serious crisis in the history of space flight…."

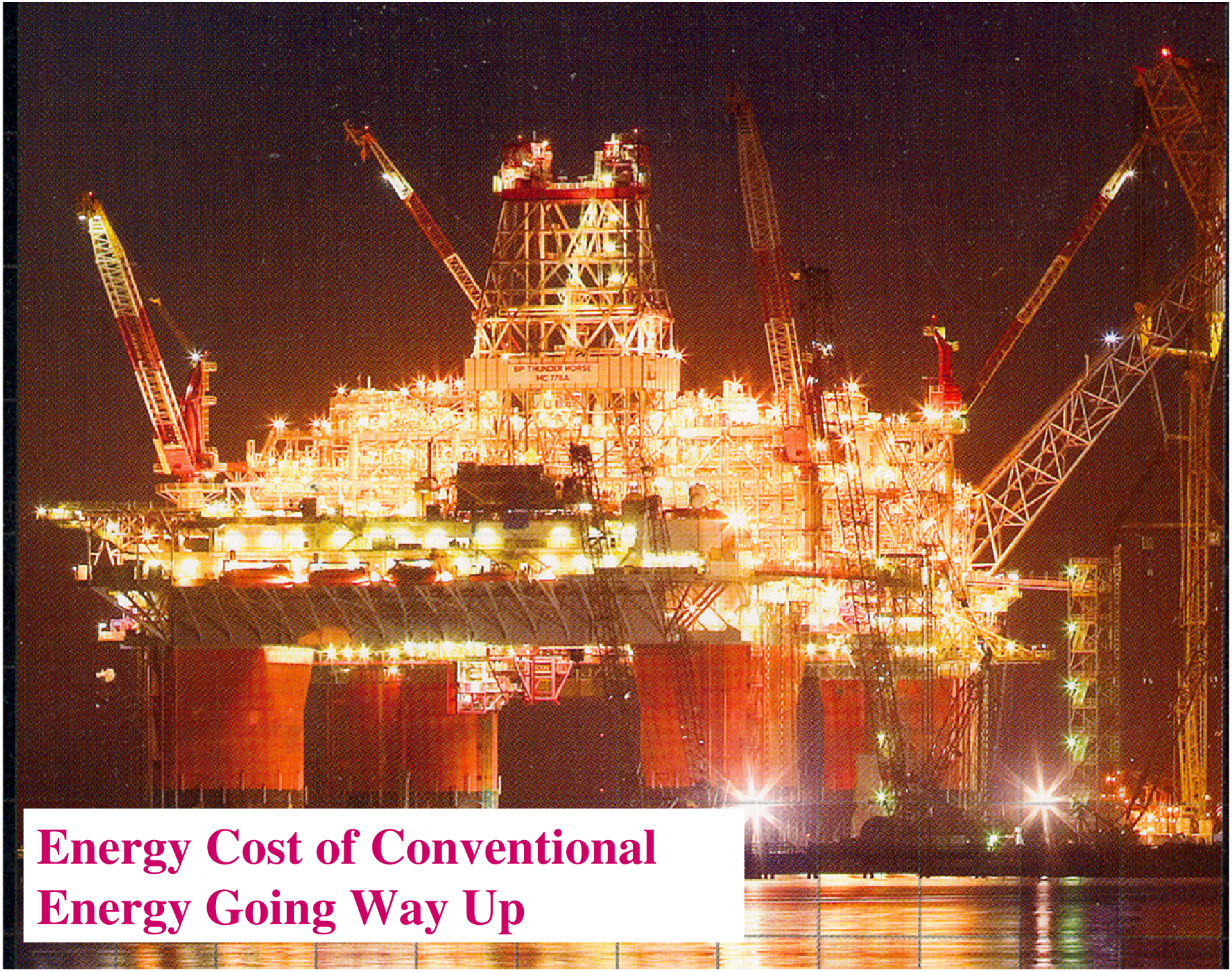


Humanity's Top Ten Problems for next 50 years

1. **ENERGY**
2. WATER
3. FOOD
4. ENVIRONMENT
5. POVERTY
6. TERRORISM & WAR
7. DISEASE
8. EDUCATION
9. DEMOCRACY
10. POPULATION



2003	**6.3**	**Billion People**
2050	**9-10**	**Billion People**



Energy Cost of Conventional Energy Going Way Up

Pickens, Gore, McCain, Obama…Why is Everyone Talking About Wind?

In 1930 U.S. got 100 barrels of oil back for each barrel spent seeking it

- In 1970 about 25:1
- In 1990s about 15:1
- Today… perhaps 10:1
- Tar Sands 3:1

Wind? 30:1 Nuclear? 8:1

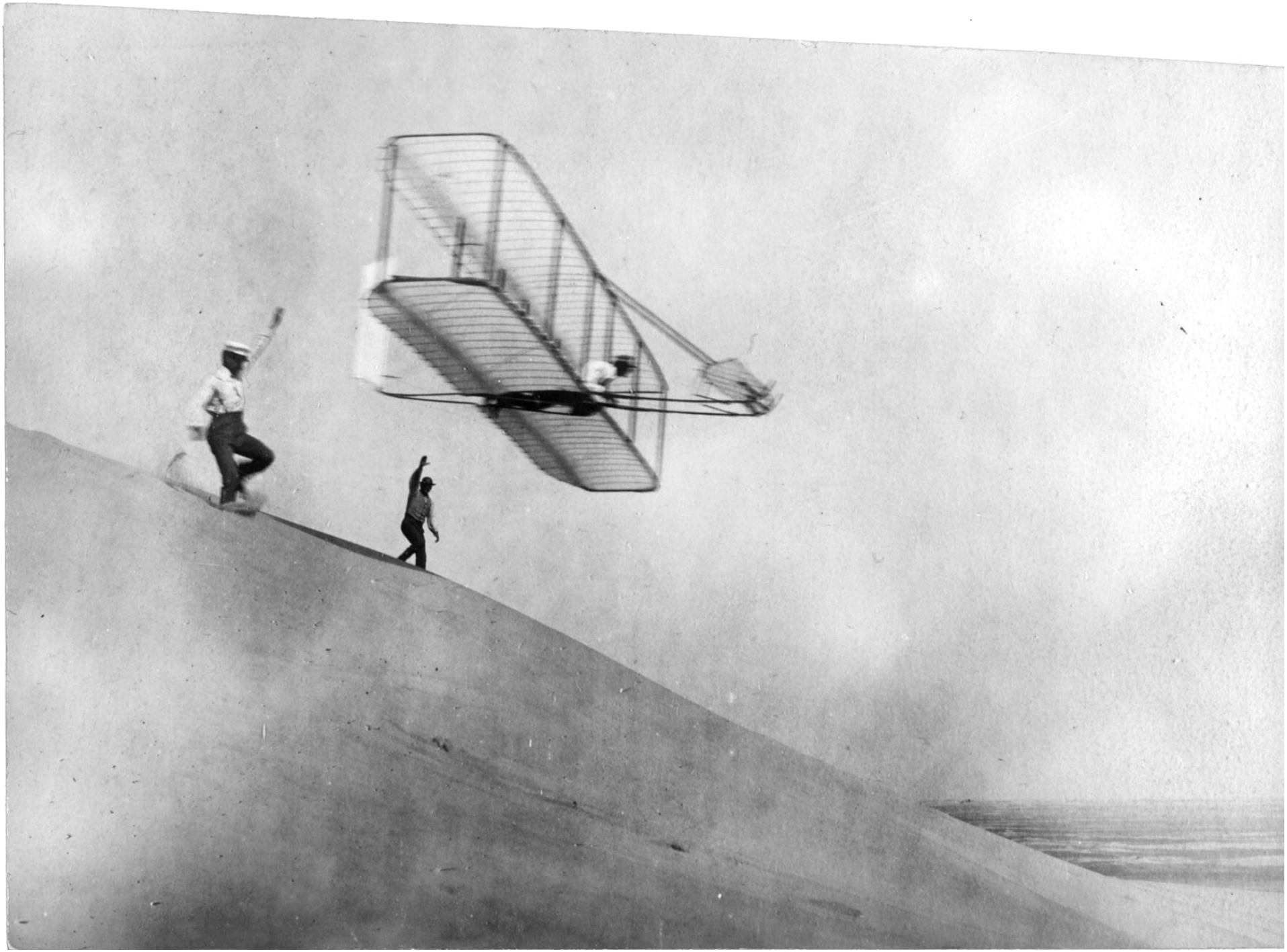

100+ MPG

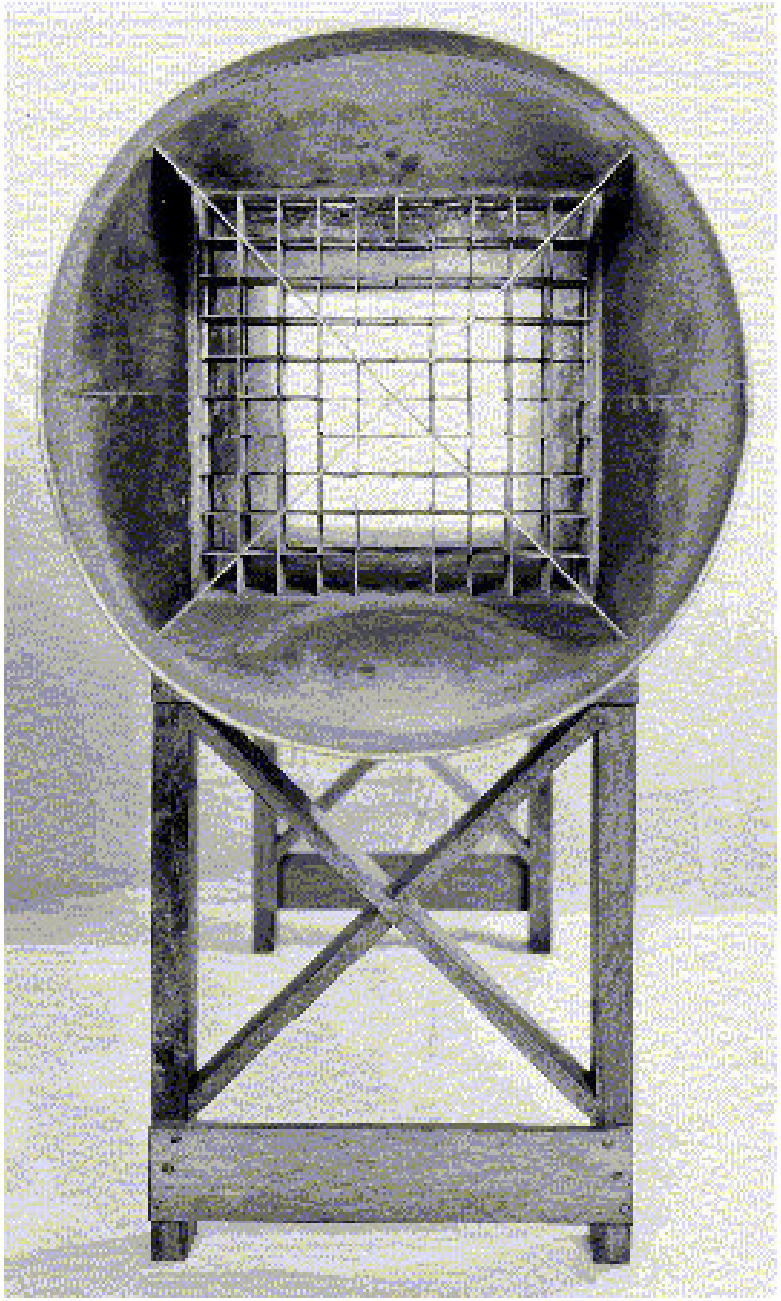

Transmission
Local Ownership
1 MW Turbine
"F150"
Rework the PTC

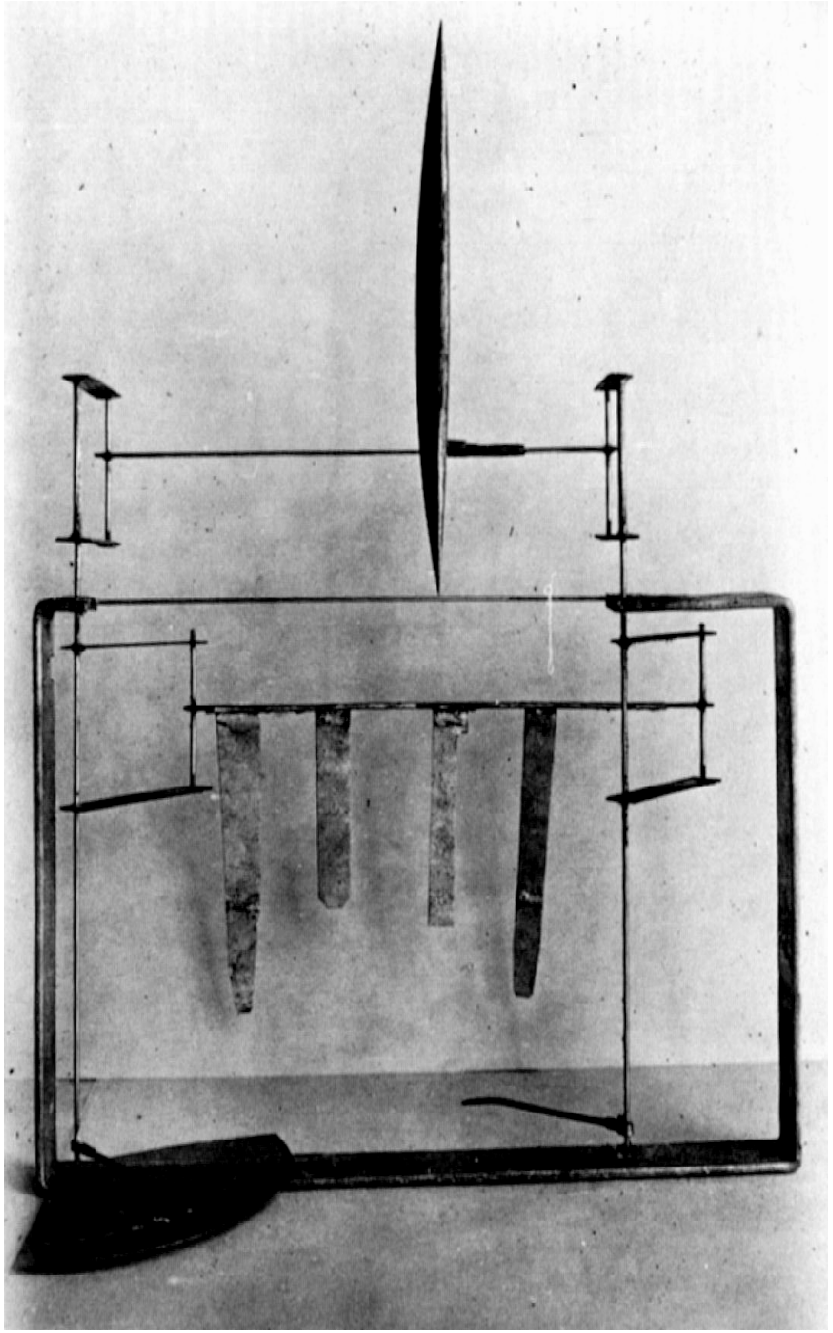

Vestas

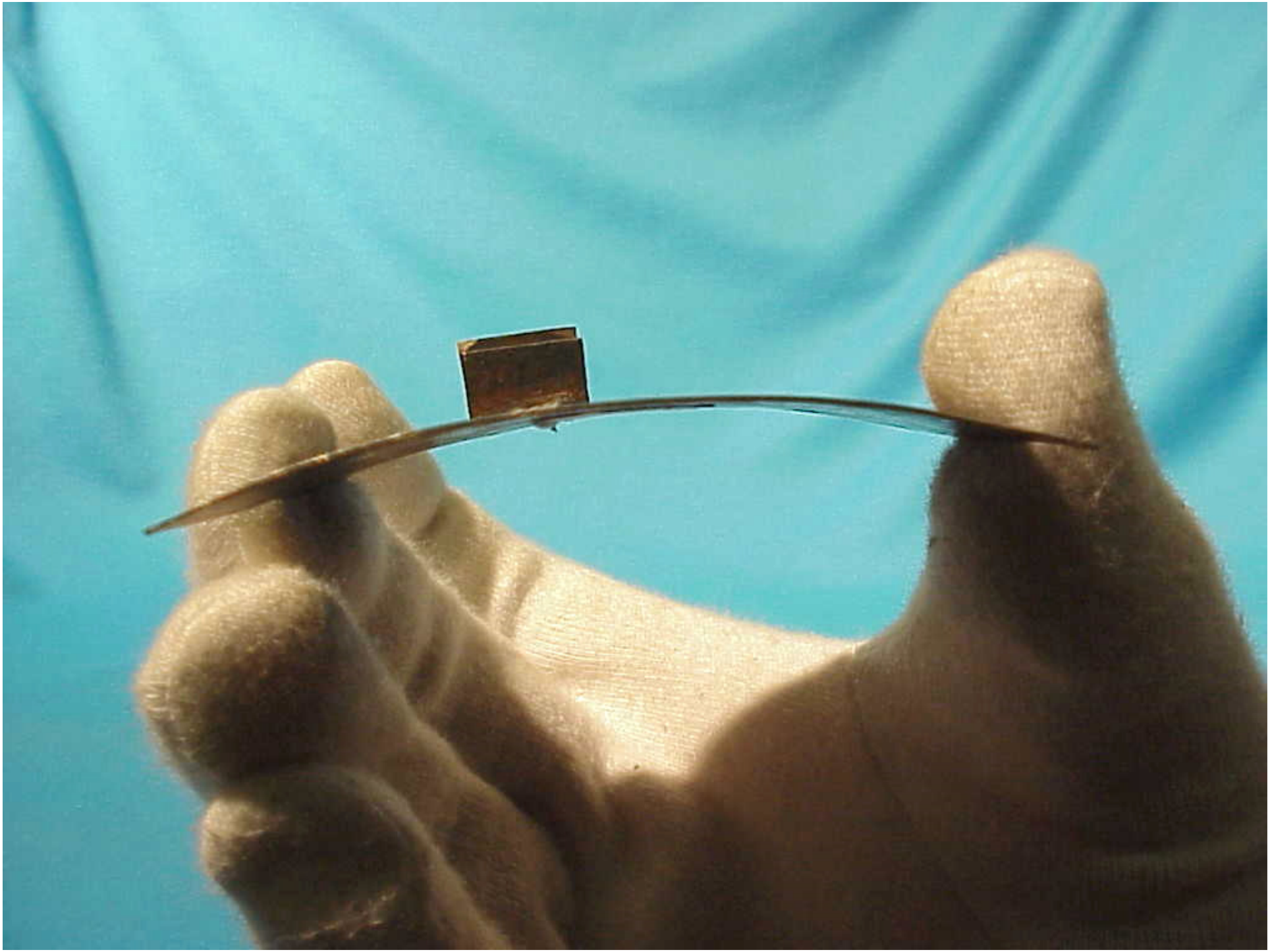
Nebraska is a Public Power State

We Need Changes in the Federal Production Tax Credit to Reap the Full Economic Benefits of Wind









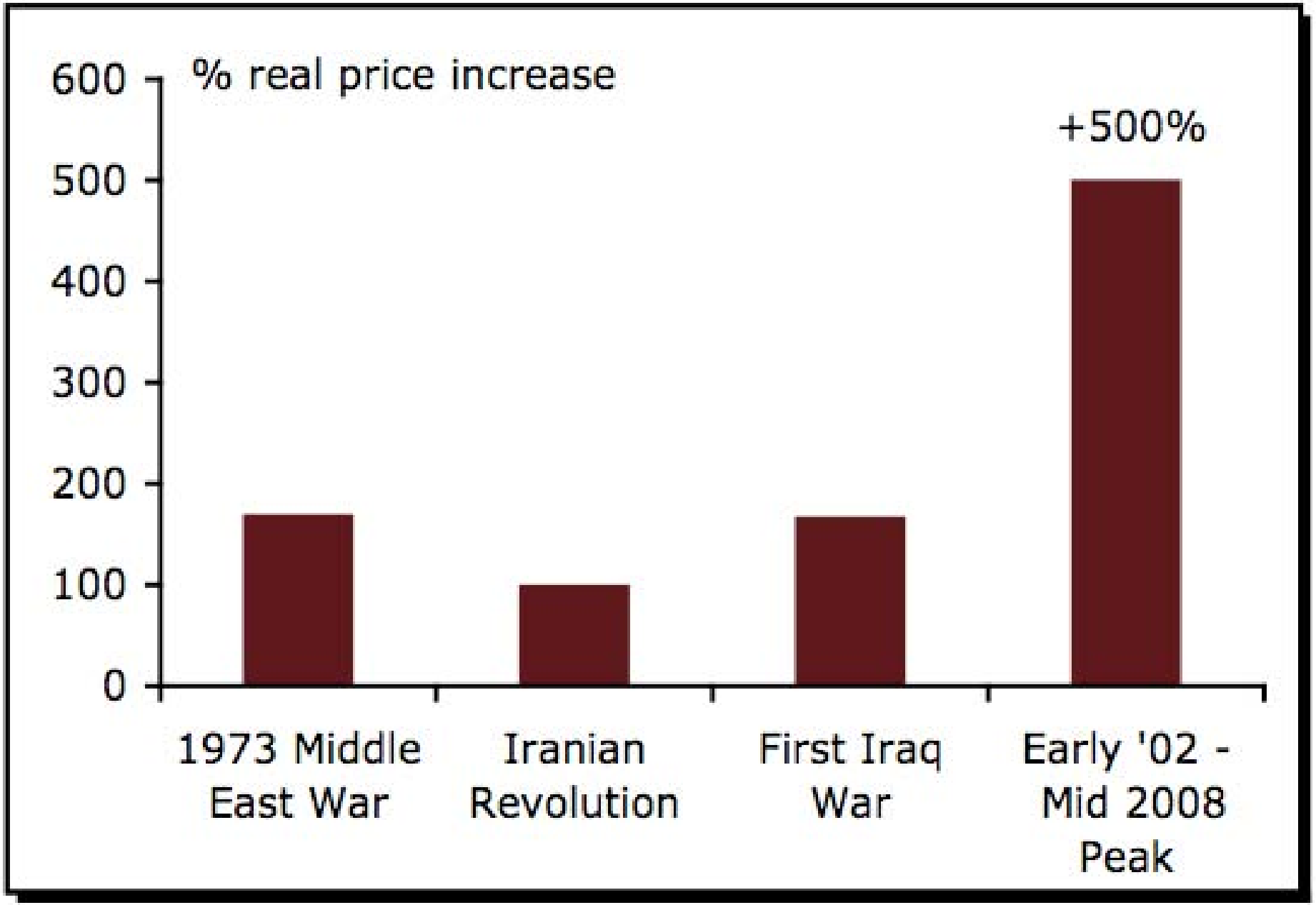
If energy is the original currency…

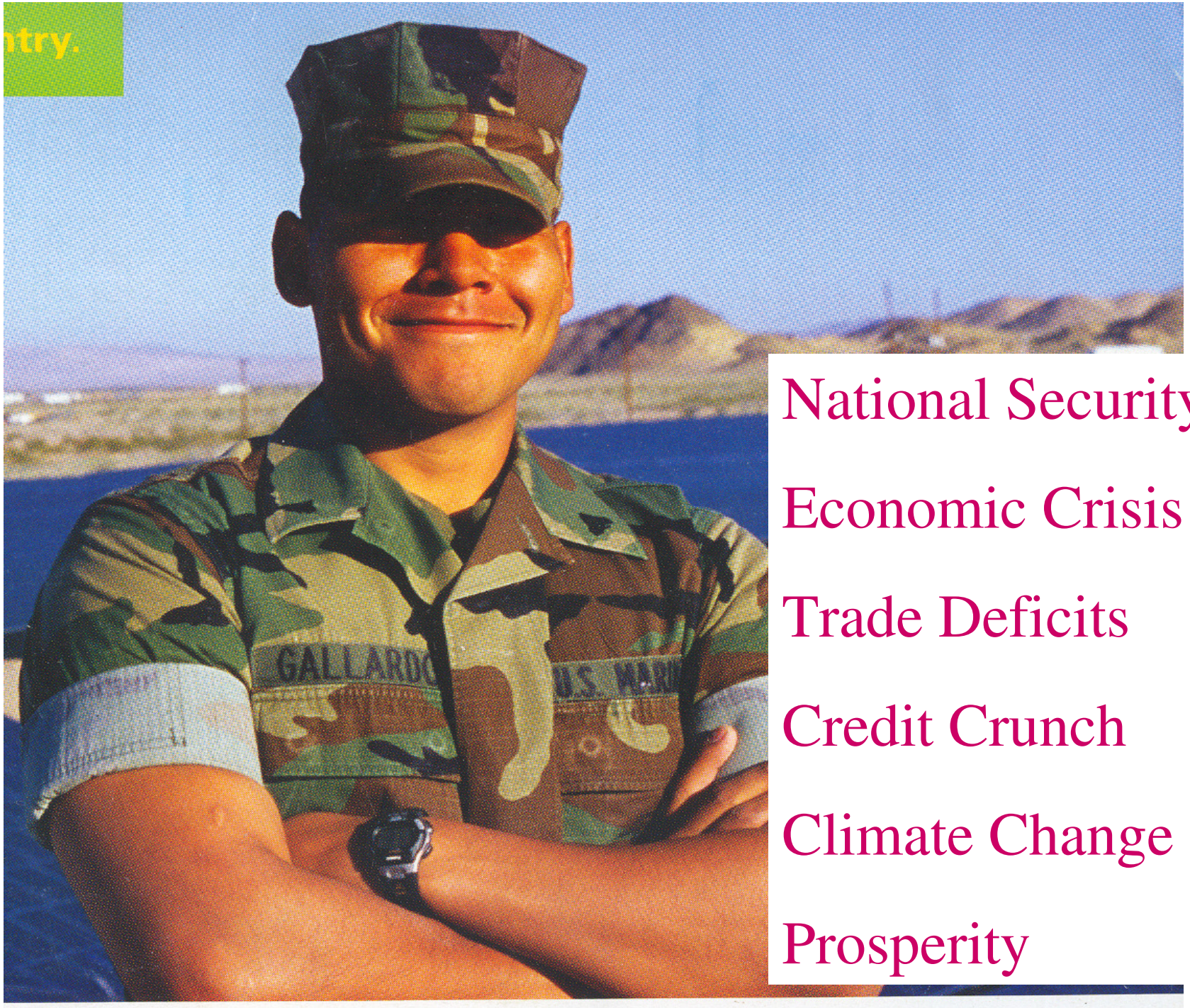
Then smart energy policies are needed to preserve prosperity.

Efficiency, conservation, and renewables are essential.

There's no time to waste

Recent Oil Spike vs Past Spikes





National Security

Economic Crisis

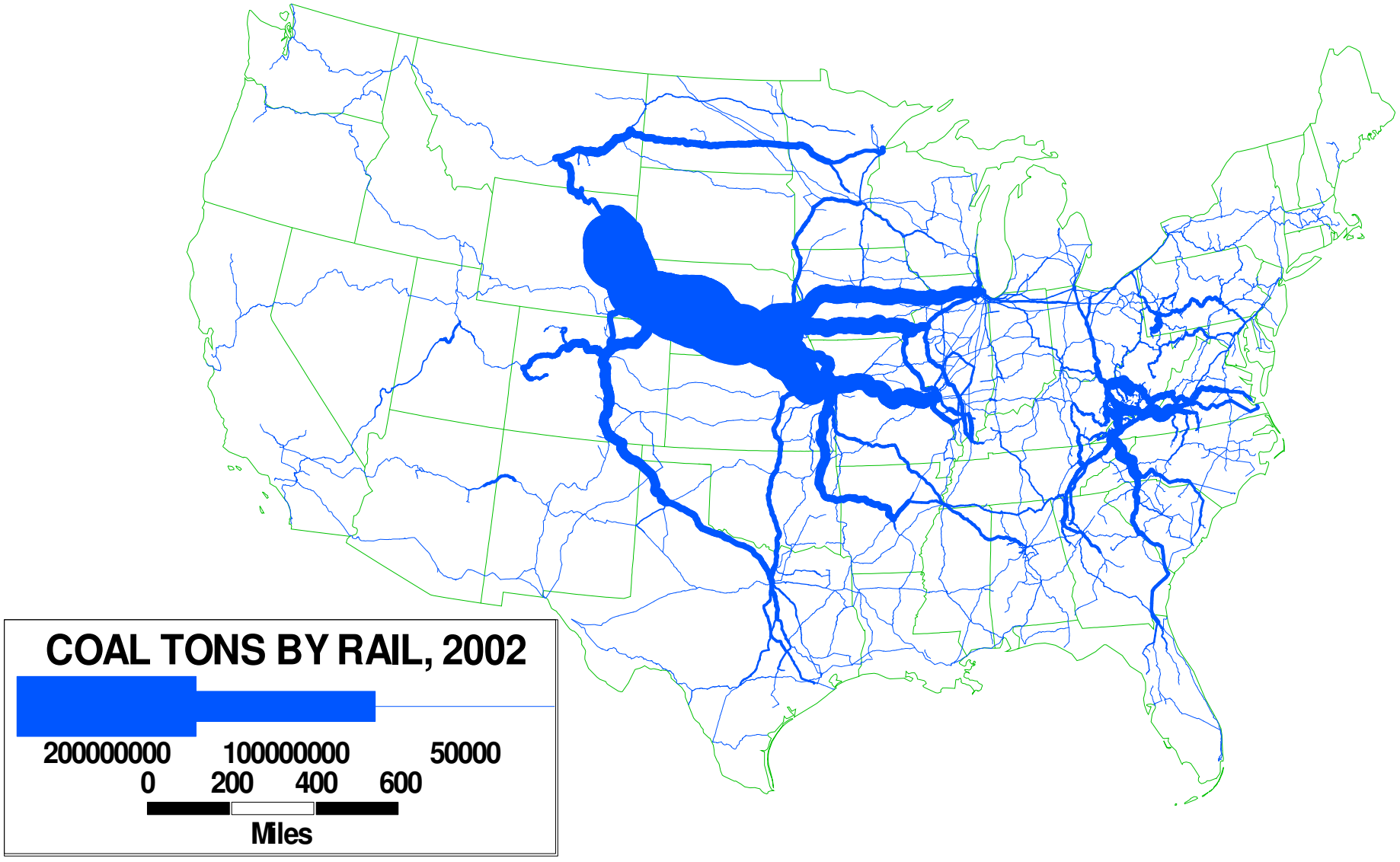
Trade Deficits

Credit Crunch

Climate Change

Prosperity


BOEING
EFFICIENCY IS THE FUEL OF SUCCESS.



Source: Oak Ridge National Laboratory


Phillips
Regular
267⁹
Diesel
325⁹

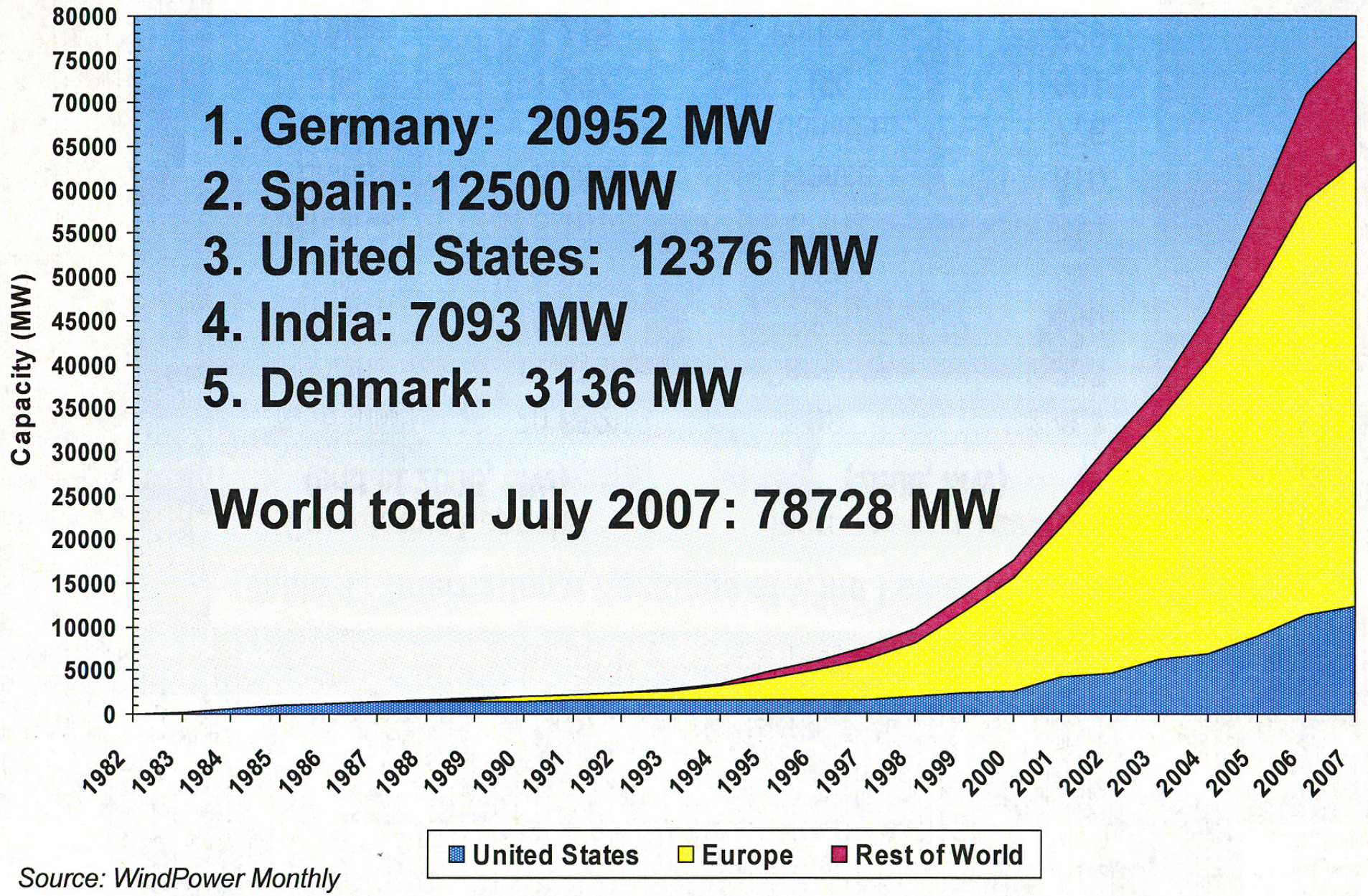
PETER WYNN THOMPSON FOR THE NEW YORK TIMES

Tony Jarachovic, waiting for his truck to be unloaded in Aurora, Ill. "I have no expenses left to cut," he said.

Paying at the Pump, in a Big Way

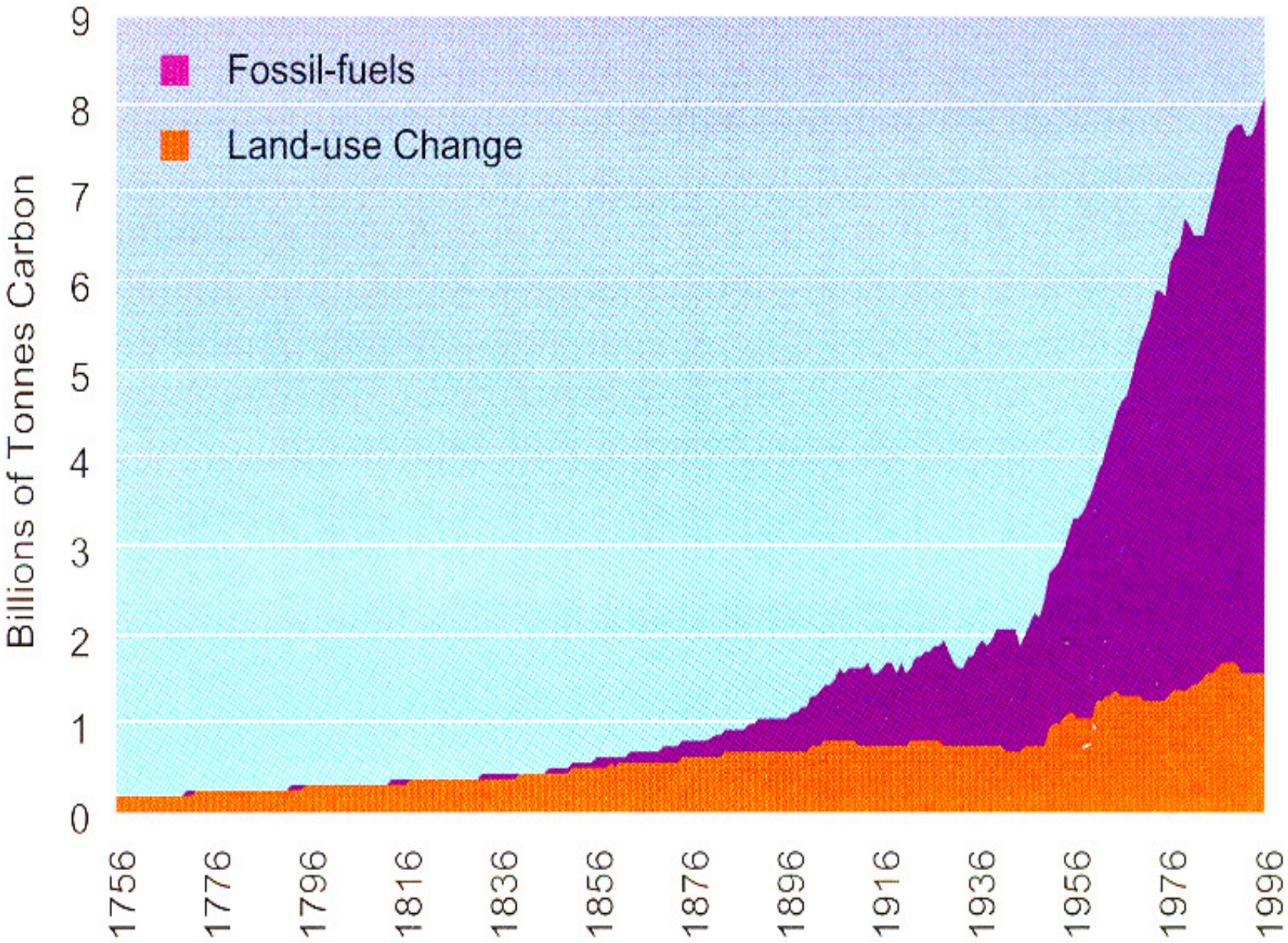
Rising Fuel Prices Sting When Half a Tank Costs $505

Total Installed Wind Capacity



Source: WindPower Monthly

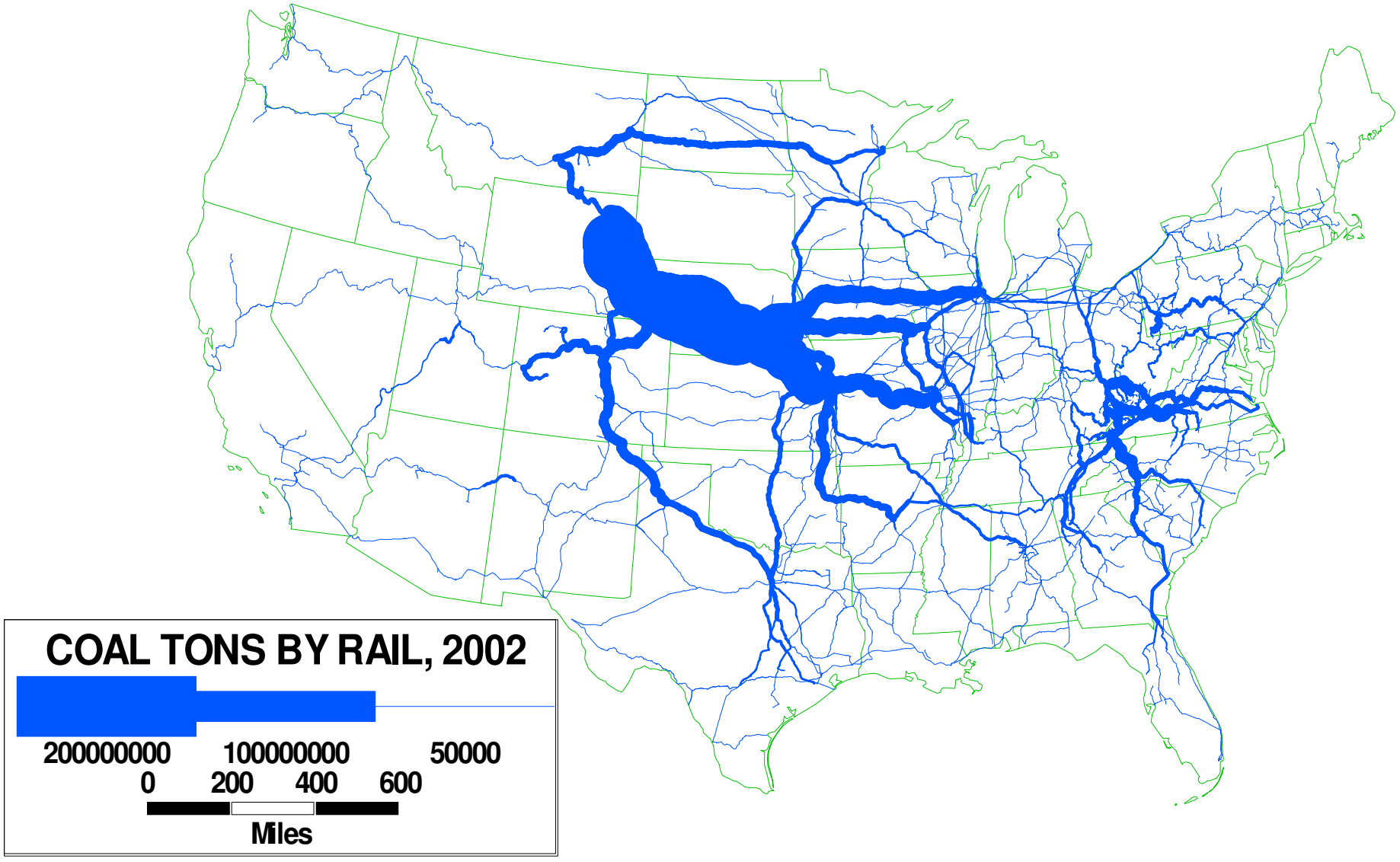
Global Carbon Emissions



Credit Crunch has exposed how we need…

Changes in the Federal Production Tax Credit to Reap the Full Economic Benefits of Wind


AMEL
PLEASURE
TO
BURN
JANE
GENERAL'S WARNING: Cigarette
ontains Carbon Monoxide.
SINCE 19



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Credit Crunch has exposed how we need…

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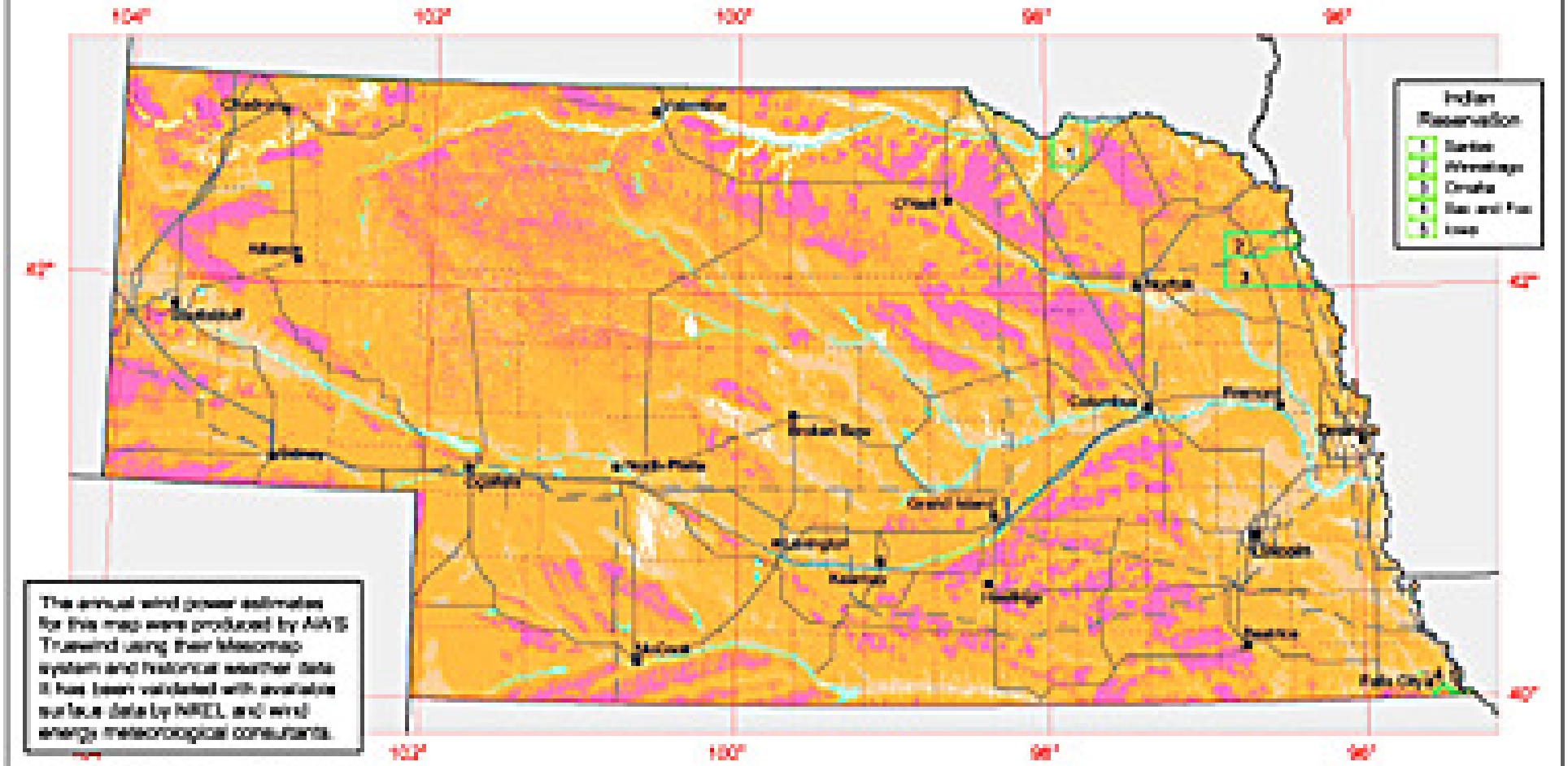
Nebraska - 50 m Wind Power



The annual wind power estimates for this map were produced by AWS Truewind using their Mesomap system and historical weather data. It has been validated with available surface data by NREL and wind energy meteorological consultants.

Wind Power Classification

Wind Power Class	Resource Potential	Wind Power Density at 50 m W/m²	Wind Speed* at 50 m m/s	Wind Speed* at 50 m mph
1	Poor	0 - 200	0.0 - 5.7	0.0 - 12.8
2	Marginal	200 - 300	5.7 - 6.5	12.8 - 14.5
3	Fair	300 - 400	6.5 - 7.2	14.6 - 16.1
4	Good	400 - 500	7.2 - 7.8	16.1 - 17.5
5	Excellent	500 - 600	7.8 - 8.2	17.6 - 18.4
6	Outstanding	600 - 800	8.2 - 9.0	18.4 - 20.2
7	Superb	> 800	> 9.0	> 20.2

*Wind speeds are based on a Weibull k of 2.0 at 800 m elevation.

Transmission Line*
Voltage (kV)
- 35
- 115 - 161
- 230
- 345

*Source: POWER Maps (2003)

50 0 50 100 150 200 Kilometers
50 0 50 100 Miles

U.S. Department of Energy
National Renewable Energy Laboratory