
The Case for Optimism



We are bombarded with depressing news

TIME

Surviving the Lean Economy

EL PAÍS

EL PERIÓDICO GLOBAL EN ESPAÑOL

www.elpais.com

12 de octubre de 2008

Ocupar con ideas, no con acampadas

Aprobado raspado a la cultura

La crisis de la deuda golpea y 12 de los 17 países de la zona e...

Solo se salvan Alemania, Holanda, Finlandia, Luxemburgo y Es...

La financiación de España se encarece al nivel de la época de la...

La peor tormenta financiera enfrenta a Rajoy y Rubalcaba

El líder del PP culpa al PSOE por la tensión de la deuda y el socialista le acusa de usar la crisis para someter votan...

Con la prima de riesgo en máximos históricos (1000 puntos), los dos principales candidatos a la presidencia del Gobierno se enfrentan a la crisis de la zona financiera financiera que afecta a España. Mientras Mariano Rajoy (PP) achaca los problemas a la desconfianza de los mercados, el líder socialista se centra en la solución para por el crédito, el candidato a la presidencia del Gobierno (PSOE) culpa al liderazgo popular que sostiene la crisis económica y para sacar crédito al exterior. **EL PAÍS** 12 de octubre de 2008

Bernabé y Oñate, del La Jura de los ERE

The Economist

January 27th - 31st 2008

America's blame game
China's charmless offensive
Tougher times inside Iran
Happy birthday, Wikipedia
British vanity and 'The King's Speech'

The euro crisis: time for Plan B

THE WALL STREET JOURNAL

MONDAY, OCTOBER 13, 2008

LEHMAN BROTHERS

Merrill Lynch

AIG

Crisis on Wall Street as Lehman Totters, Merrill Is Sold, AIG Seeks to Raise Cash

Did Wall Street's Lehman Totters as Merrill Is Sold, AIG Seeks to Raise Cash

Ultimate By Paulson Sparked Frenzied End

Bank of America to Buy Merrill

What's News

The New Hard Times



Newsweek

THE BRIDGE TRAGEDY • MURDOCH'S WAR • AN

Global Warming Is

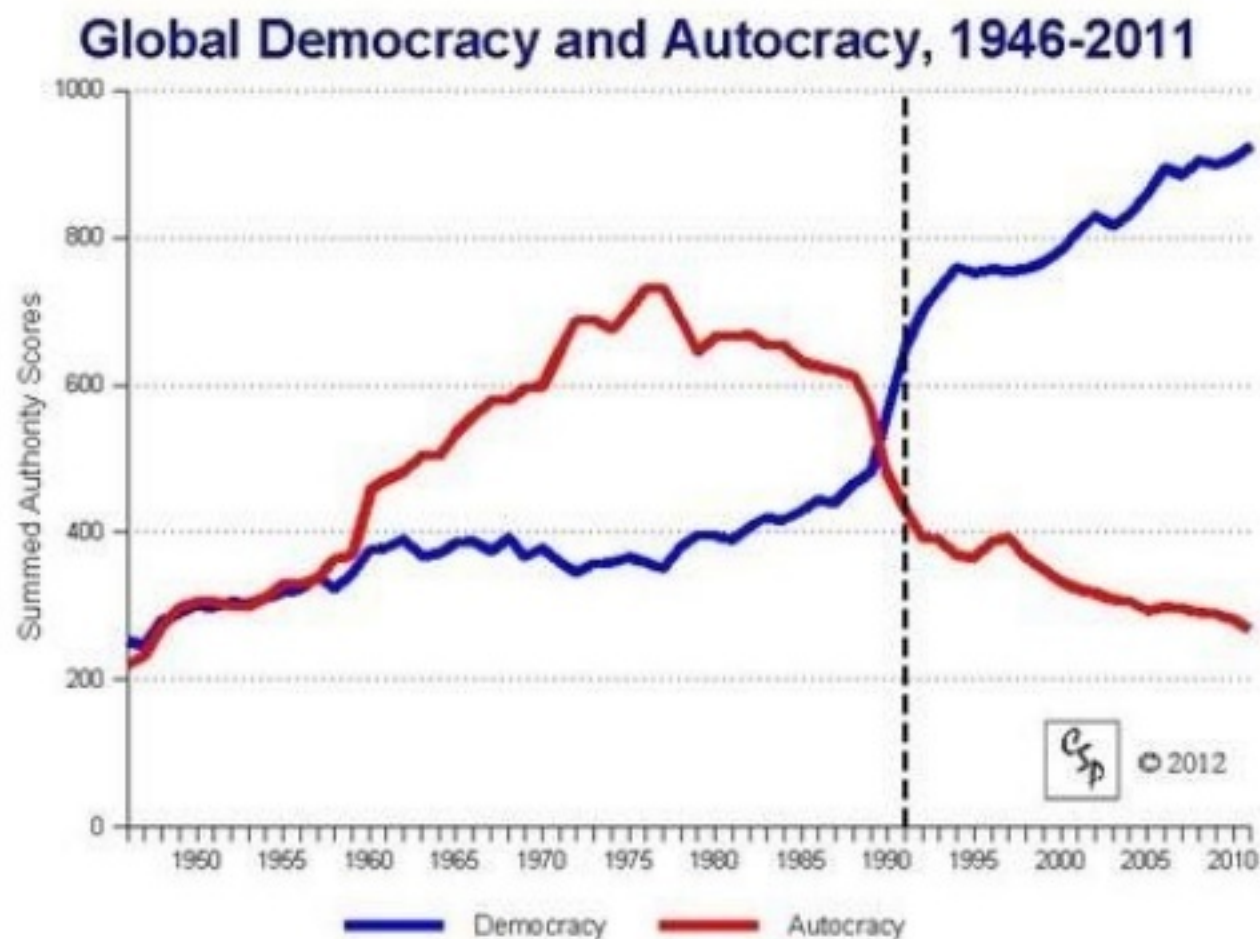


HUMANITARIAN CRISIS
making significant gains across country

It feels like we are headed for a dire future

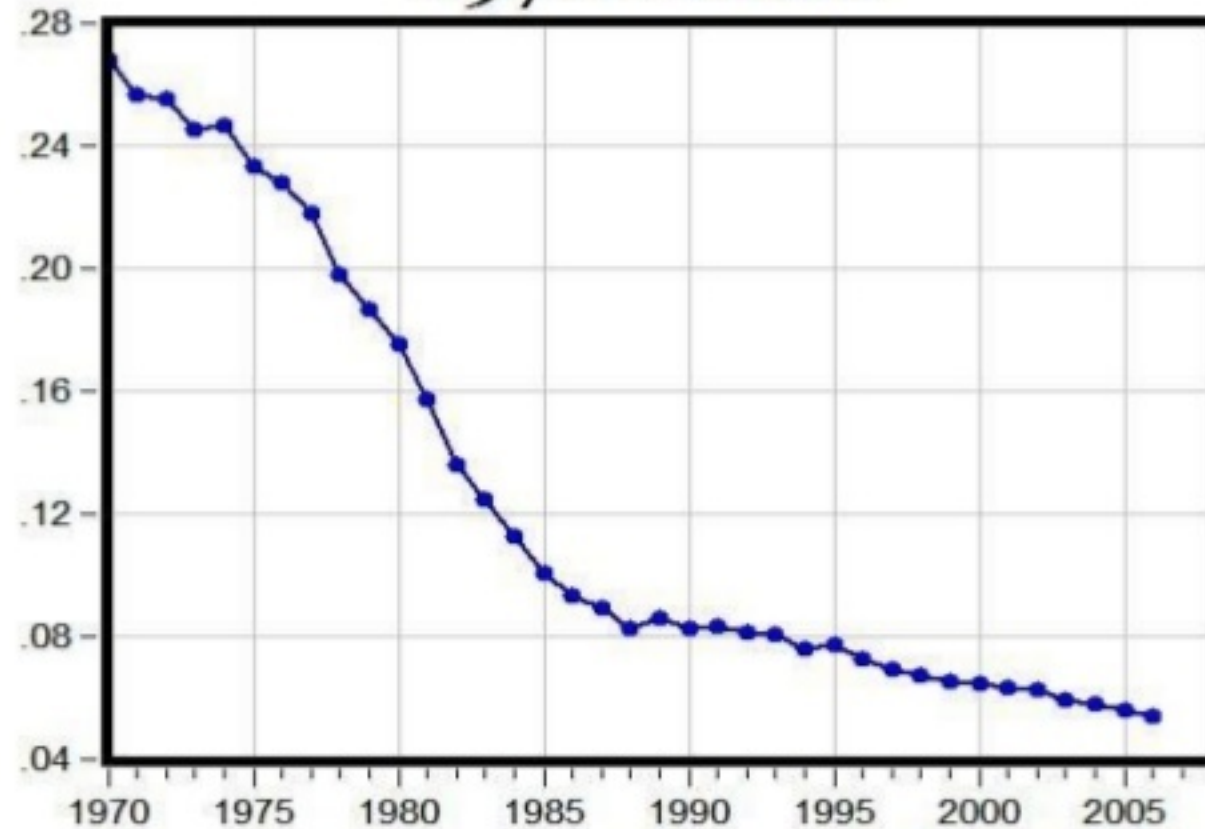


Dictatorships are on the wane



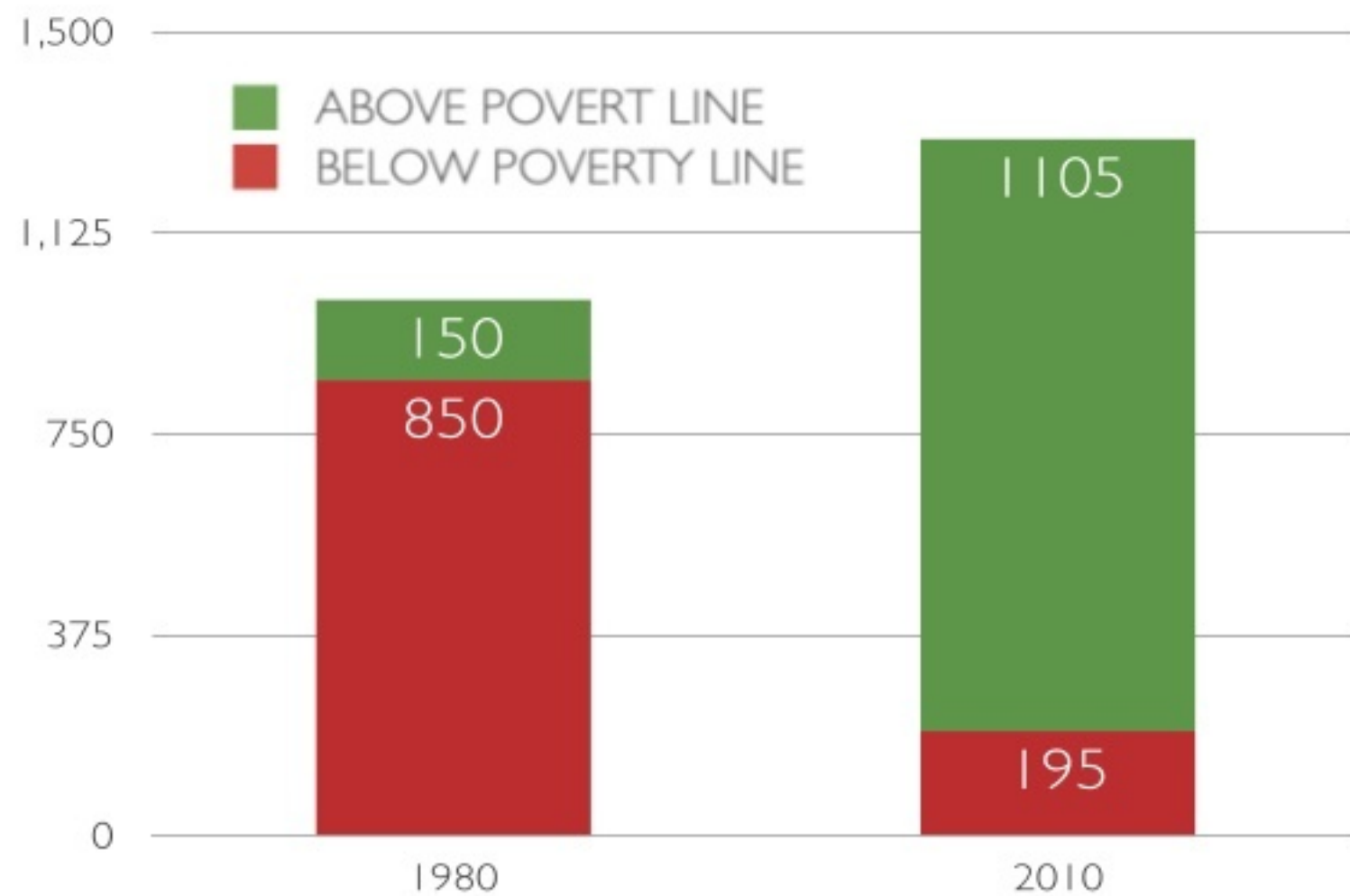
82% decrease in global poverty in only 40 years

World \$1/Day Poverty Rate 1970-2006



Source: Maxim Pinkovskiy and Xavier Sala-i-Martin
NBER Working Paper No. 15433

650M people came out of poverty in China in 30 years



Shenzhen in the 1980's and 2013

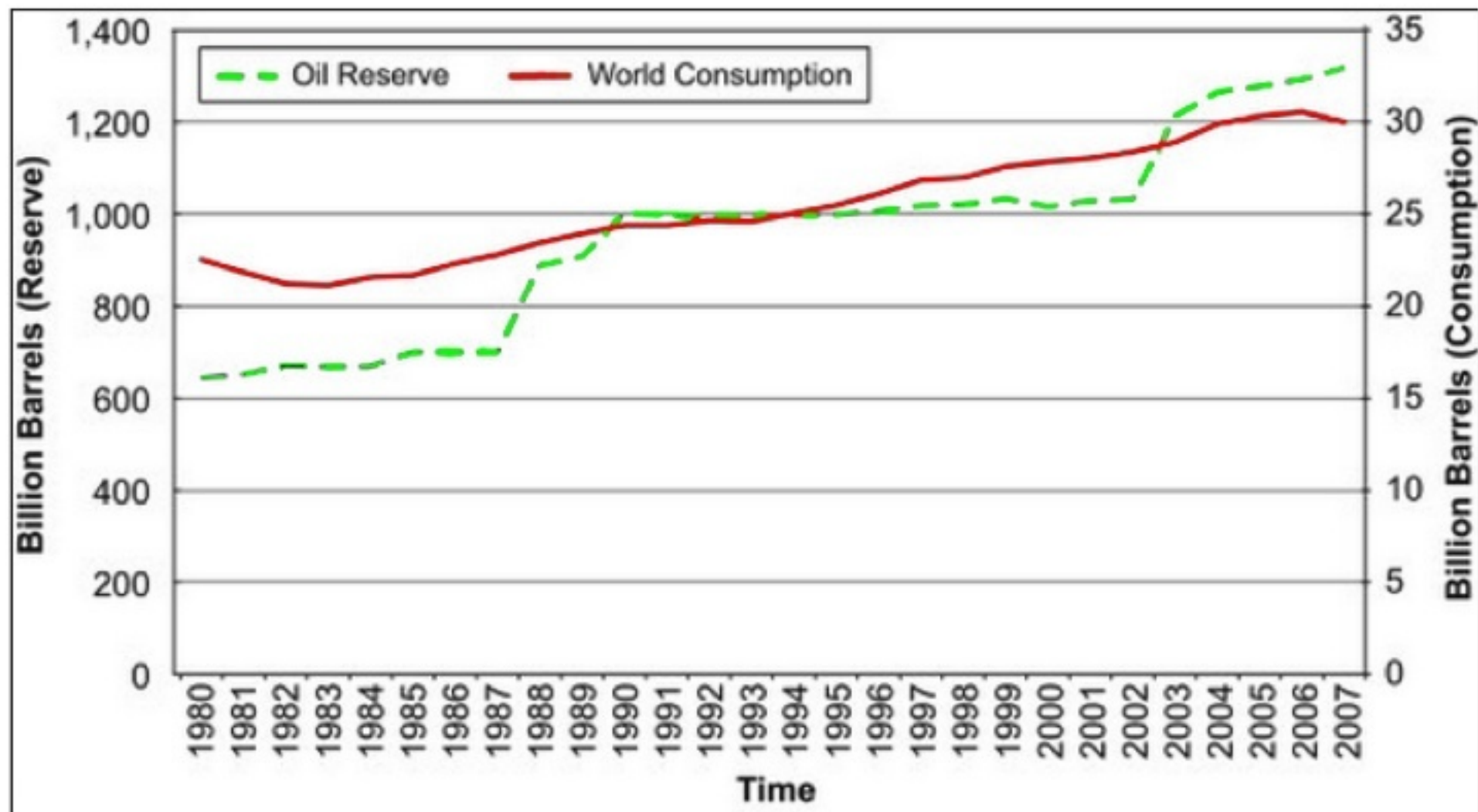
1980's



2013



Increasing oil reserves despite record consumption



Fundamental changes in our way of life

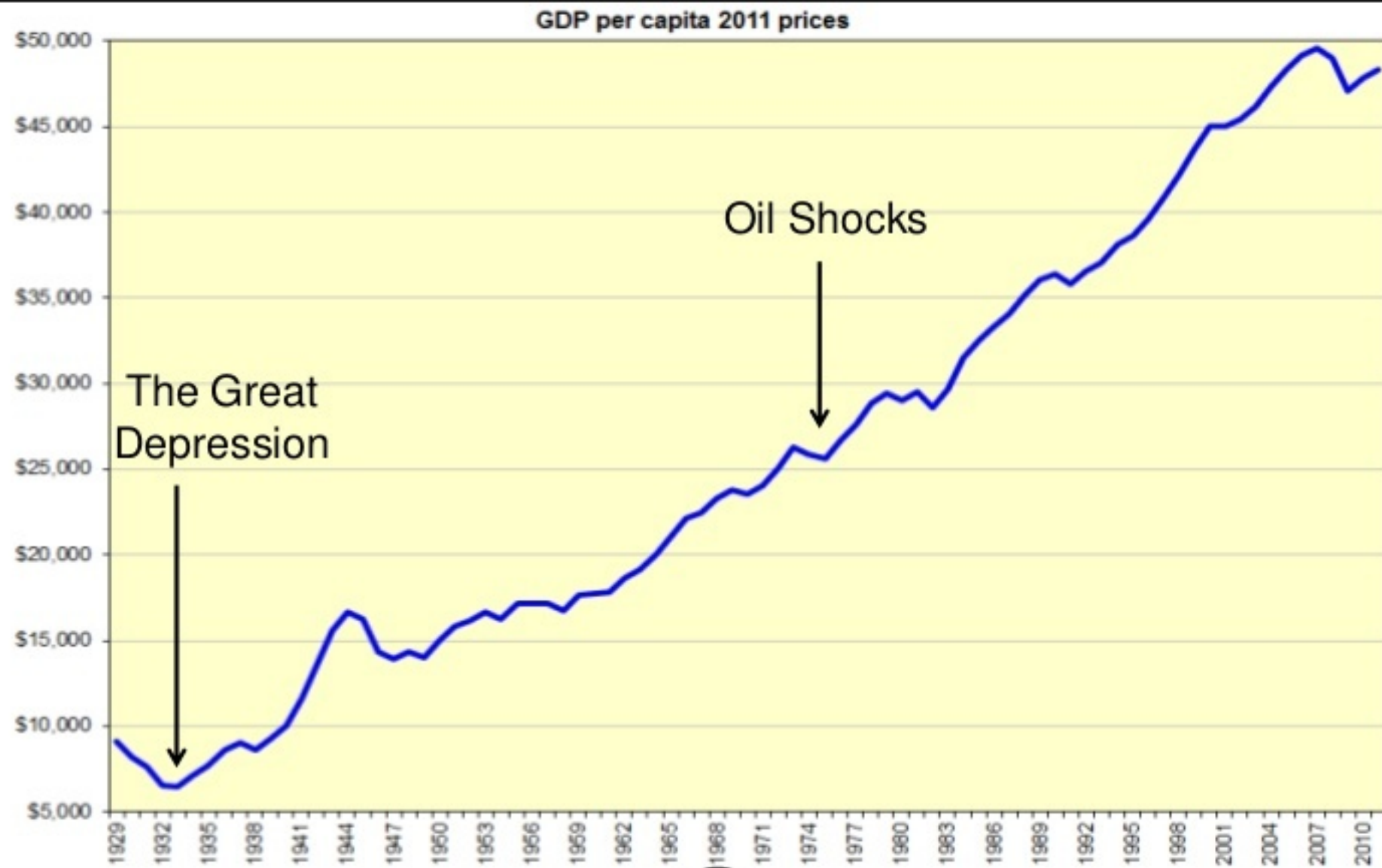


Office work in the 1970's...



and in 2013

Over the long run recessions barely register



Our lives have been transformed for the better



Life expectancy 2X



Per capita income 3X



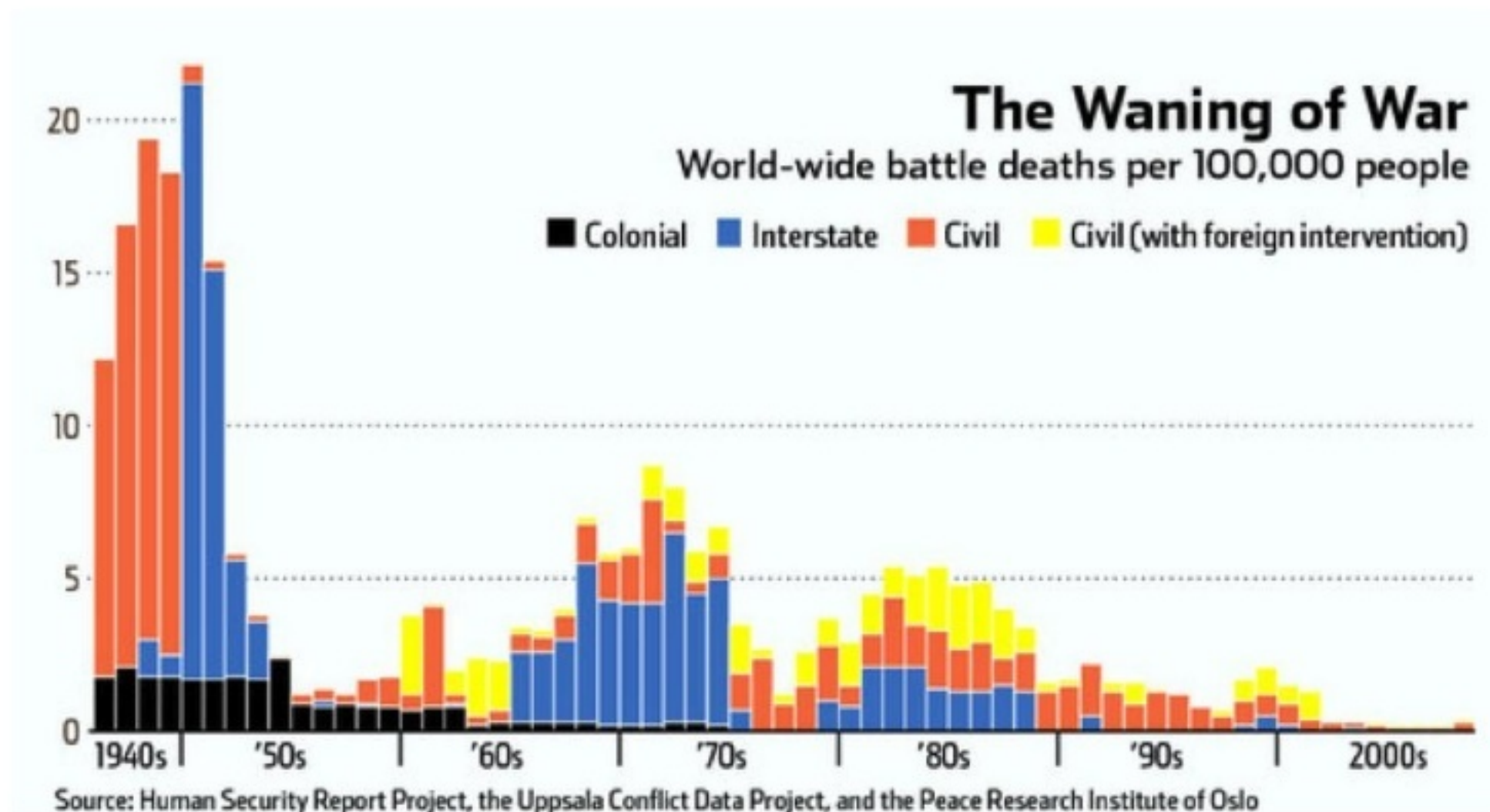
Childhood mortality /10

We have redefined “poverty”

Americans in poverty have:

- 99% have electricity, water, toilet & refrigerator
- 95% have a television
- 88% have a mobile phone
- 70% have a car and air conditioning

The world is more peaceful than ever before



Africa is rising

World's ten fastest-growing economies*

Annual average GDP growth, %

2001-2010†

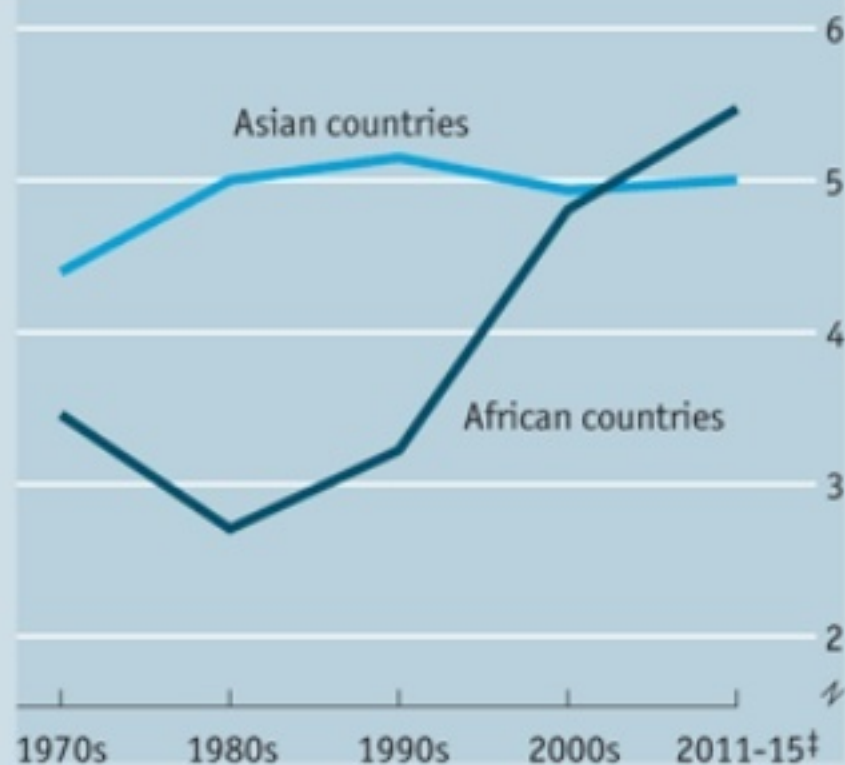
Angola	11.1
China	10.5
Myanmar	10.3
Nigeria	8.9
Ethiopia	8.4
Kazakhstan	8.2
Chad	7.9
Mozambique	7.9
Cambodia	7.7
Rwanda	7.6

2011-2015‡

China	9.5
India	8.2
Ethiopia	8.1
Mozambique	7.7
Tanzania	7.2
Vietnam	7.2
Congo	7.0
Ghana	7.0
Zambia	6.9
Nigeria	6.8

Sources: *The Economist*; IMF

GDP growth, unweighted annual average, %



*Excluding countries with less than 10m population and Iraq and Afghanistan †2010 estimate ‡Forecast

Source: GSMA AFRICA MOBILE OBSERVATORY 2011

Estonia is setting an example for other countries to follow



- 24% of people voted online in 2011
- 93% fill personal tax returns online
- Companies can be setup online
- Online school reports including homework, grades, etc.
- Online medical records

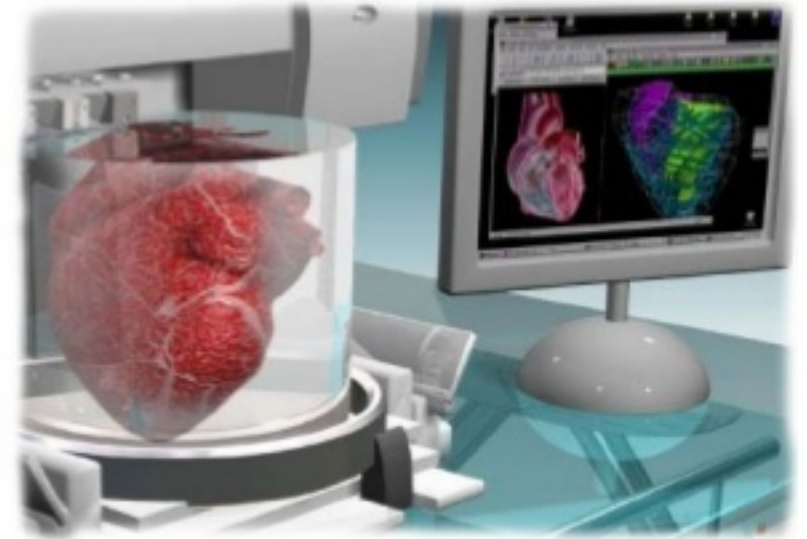
3D Printing is revolutionizing manufacturing



3D Printing has already revolutionized prototyping...



is being increasingly used to make final parts...



and may revolutionize medicine with the printing of organs

Healthcare is finally becoming computerized



Watson is better at diagnosing certain cancers than traditional doctors



Star Trek-like medical tricorders should enter the market within 5 years

Robots are invading factories and our lives



Atlas Robot is designed to save lives in disaster zones



The Da Vinci Robot is more precise than the best surgeon for non-invasive surgeries.



Drones will reduce by over 90% the average shipping time we experience today

The Internet of Things will improve our daily lives



Egg-minder tells us when eggs are going bad



Nest learns our habits and adjusts our home's temperature accordingly and gets smarter every time we use it

Education is also finally entering the technology age



From traditional classrooms...



to computerized classrooms...



and “global” classrooms

Transportation will be significantly improved



Average Driver: 1.8 accidents every 300,000 miles



Self driving car: 0 accidents every 300,000 miles

Communications are headed for a revolution

Presented clip



Clip reconstructed
from brain activity



Movie reconstruction from brain activity



First example of human brain-to-brain communication

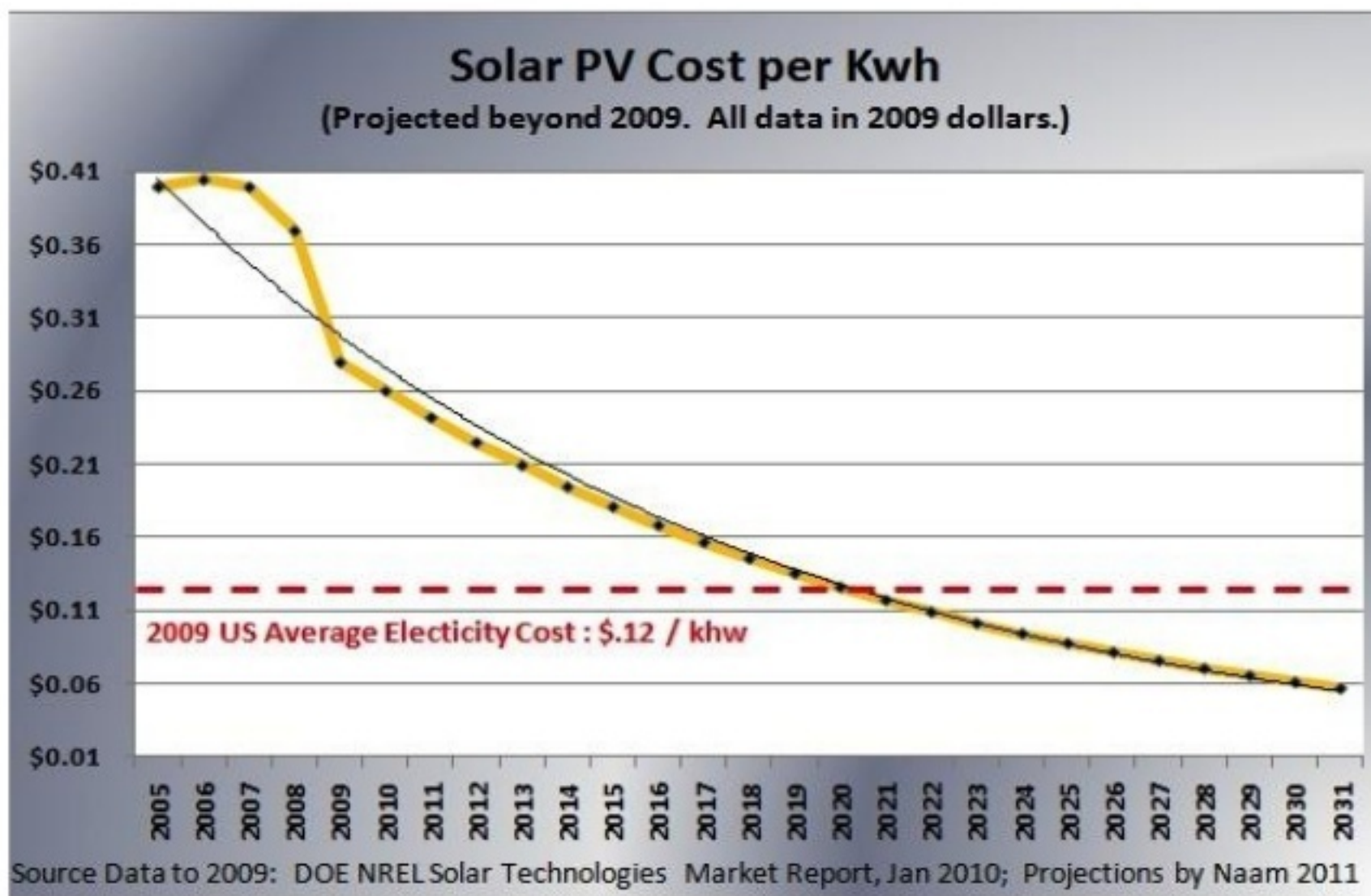
Energy is abundant, the issue is accessibility



Aluminum was more expensive than gold in the 1800's



Solar energy is increasingly becoming cost competitive



Innovations are happening in water purification...



... and farming



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