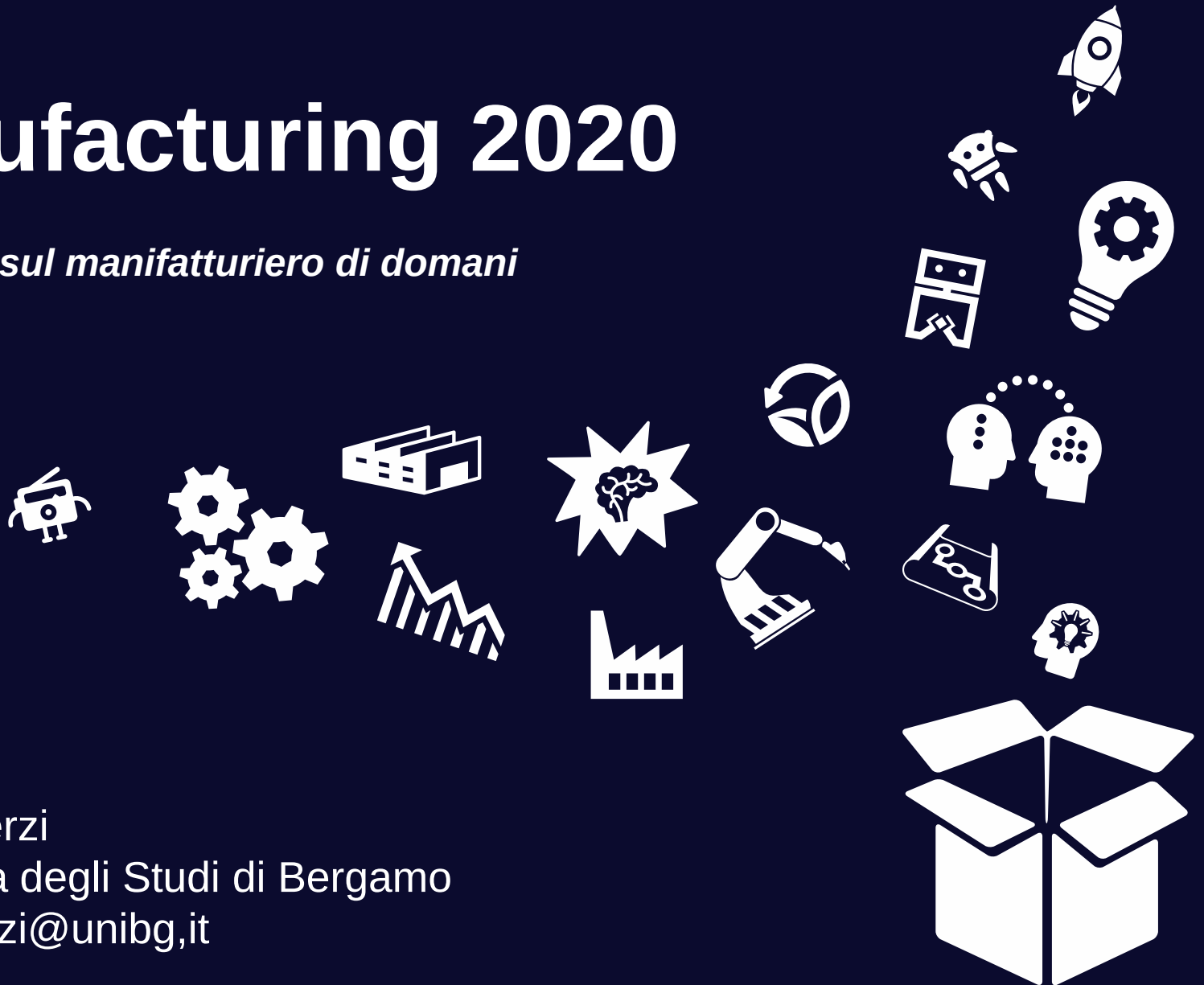


Manufacturing 2020

Riflessioni sul manifatturiero di domani



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Italian manufacturing A washout

Years of crisis have reinforced the pressure on Italy's once-envied industrial base

Aug 19th 2013 | HOME | From the print edition



The traditional August shut workers, who can look forward to a long holiday, have put the country's economy back to the square between 2009 and 2012, an

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OSSERVA ITALIA
Come sono cambiati e come si evolvono i consumi degli italiani. Chi sopravvive in tempi duri sull'andamento delle vendite, dei prezzi e degli stili di vita. Giorni per giorni con numeri, persone, fatti e storie

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Eurozona, allarme rosso per il manifatturiero

L'indice PMI Market degli ordinativi delle imprese del settore è ai minimi storici degli ultimi 14 mesi. Dalla Germania all'Italia scatta il warning. Solo Grecia e Irlanda in risalita

Paolo Jachia

IL SEGRETO DEL MANIFATTURIERO
Il settore manifatturiero nell'Eurozona è al suo momento peggiore degli ultimi 14 mesi, con cadute maggiori di quanto previsto. Rob Dobson, Director e Senior Economist di Market Economics aveva già anticipato in agosto la frenata della Germania, prima ancora che suonasse il campanello di

NUMERI
Settimane
Mese
Trimestre

IL VINO
Gemignoli punta su Manchione

Large developing economies are moving up in global manufacturing

Top 15 manufacturers by share of global nominal manufacturing gross value added

Rank	1980	1990	2000	2010
1	 United States	 United States	 United States	 United States
2	 Germany	 Japan	 Japan	 China
3	 Japan	 Germany	 Germany	 Japan
4	 United Kingdom	 Italy	 China	 Germany
5	 France	 United Kingdom	 United Kingdom	 Italy
6	 Italy	 France	 Italy	 Brazil
7	 China	 China	 France	 South Korea
8	 Brazil	 Brazil	 South Korea	 France
9	 Spain	 Spain	 Canada	 United Kingdom
10	 Canada	 Canada	 Mexico	 India
11	 Mexico	 South Korea ¹	 Spain	 Russia²
12	 Australia	 Mexico	 Brazil	 Mexico
13	 Netherlands	 Turkey	 Taiwan	 Indonesia²
14	 Argentina	 India	 India	 Spain
15	 India	 Taiwan	 Turkey	 Canada

1. South Korea ranked 25 in 1980.

2. In 2000, Indonesia ranked 20 and Russia ranked 21.

NOTE: Based on IHS Global Insight database sample of 75 economies, of which 28 are developed and 47 are developing.

Manufacturing here is calculated top down from the IHS Global Insight aggregate; there might be discrepancy with bottom-up calculations elsewhere.

SOURCE: IHS Global Insight; McKinsey Global Institute analysis





[Caspar David Friedrich, Viandante sul mare di nebbia (1818)]

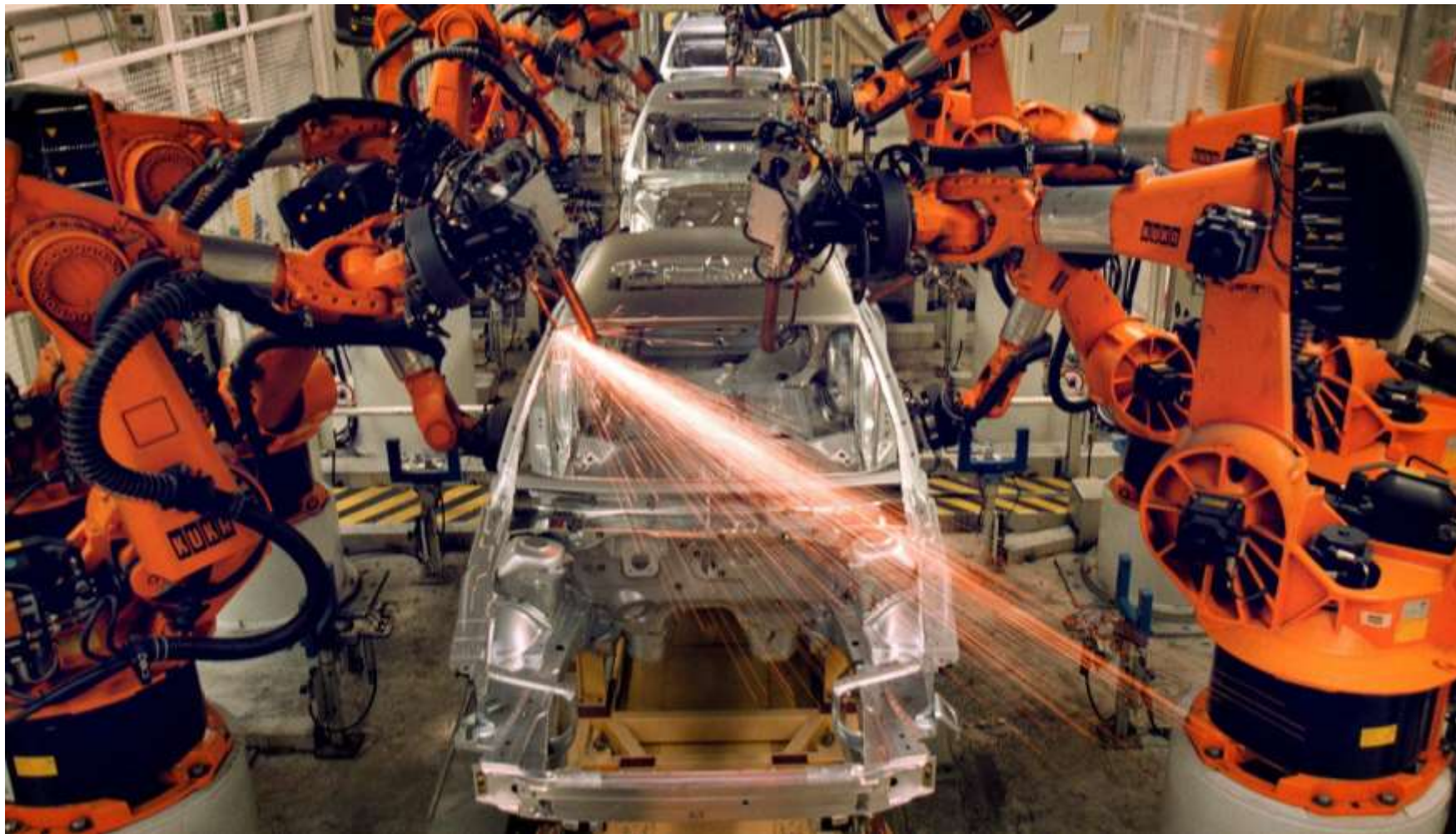


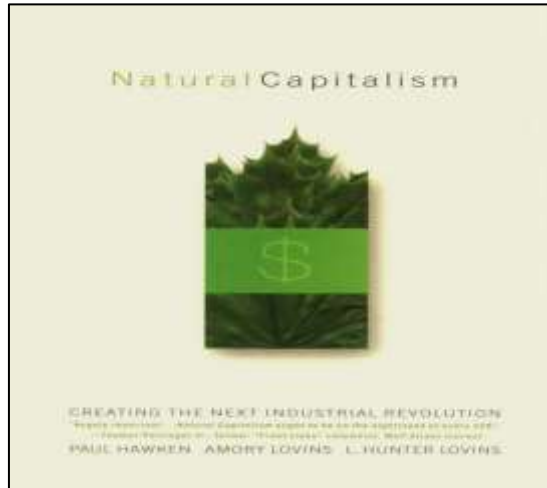












Cosa produrre?



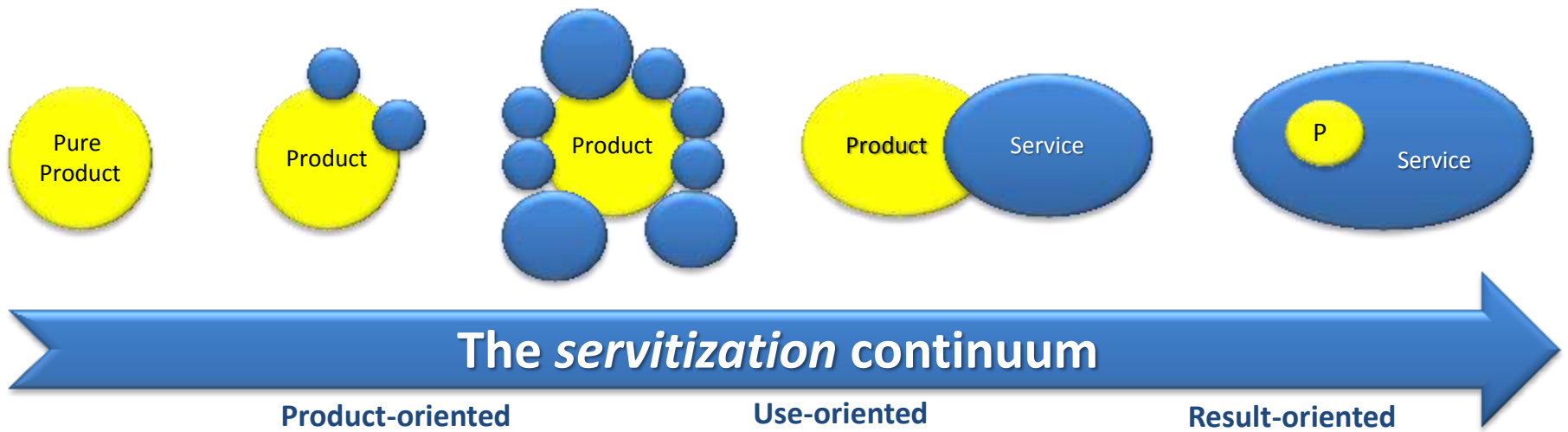








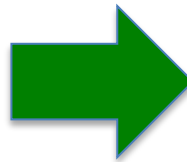


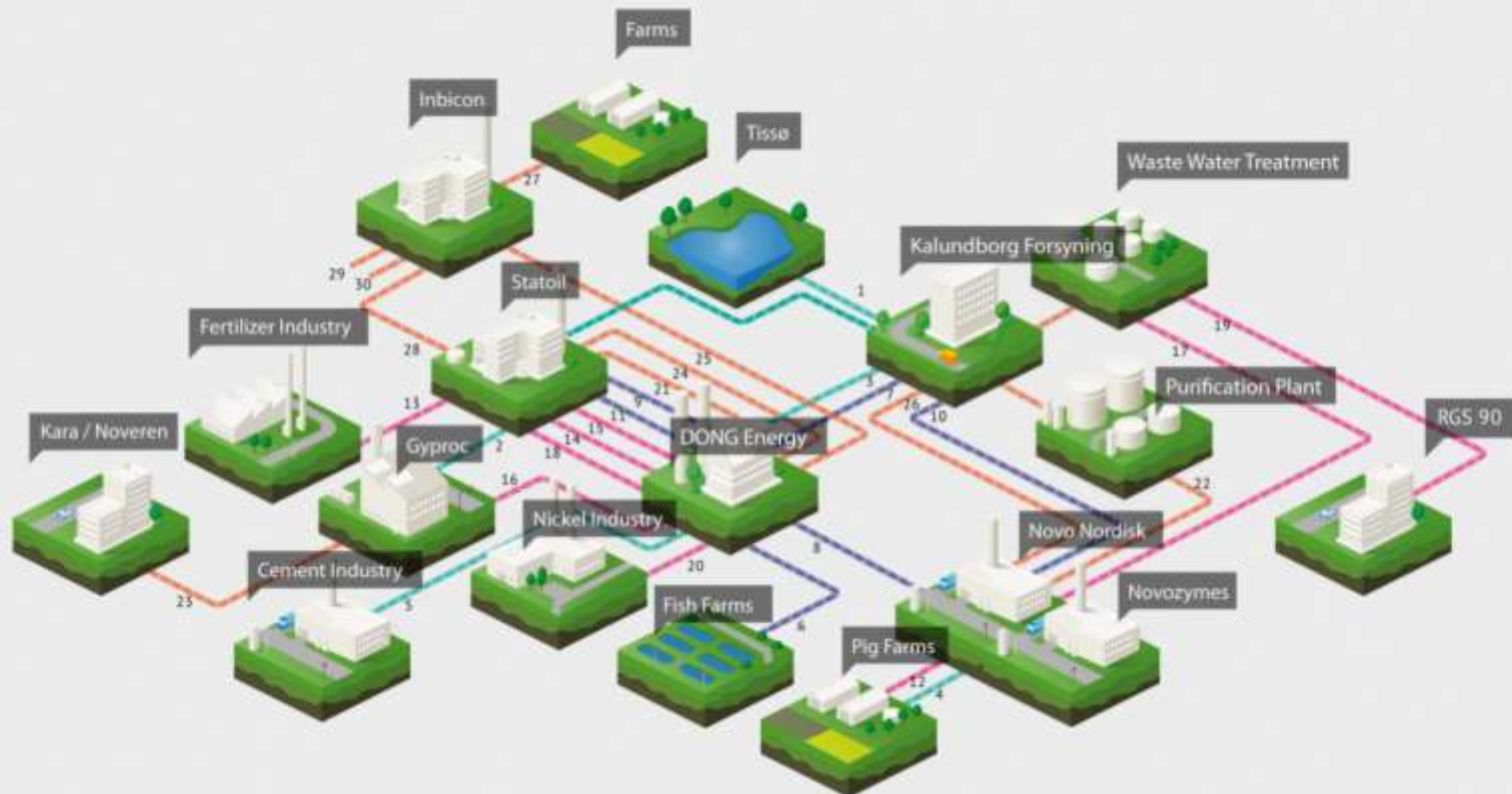


[Tukker, 2006]

Come produrre?







[Kalundborg Industrial Symbiosis, www.symbiosis.dk]









Quali strumenti usare?









Talent

Underutilizing people's talents, skills, & knowledge.



Inventory

Excess products and materials not being processed.



Motion

Unnecessary movements by people (e.g., walking).



Waiting

Wasted time waiting for the next step in a process.



Transportation

Unnecessary movements of products & materials.



Defects

Efforts caused by rework, scrap, and incorrect information.



Overproduction

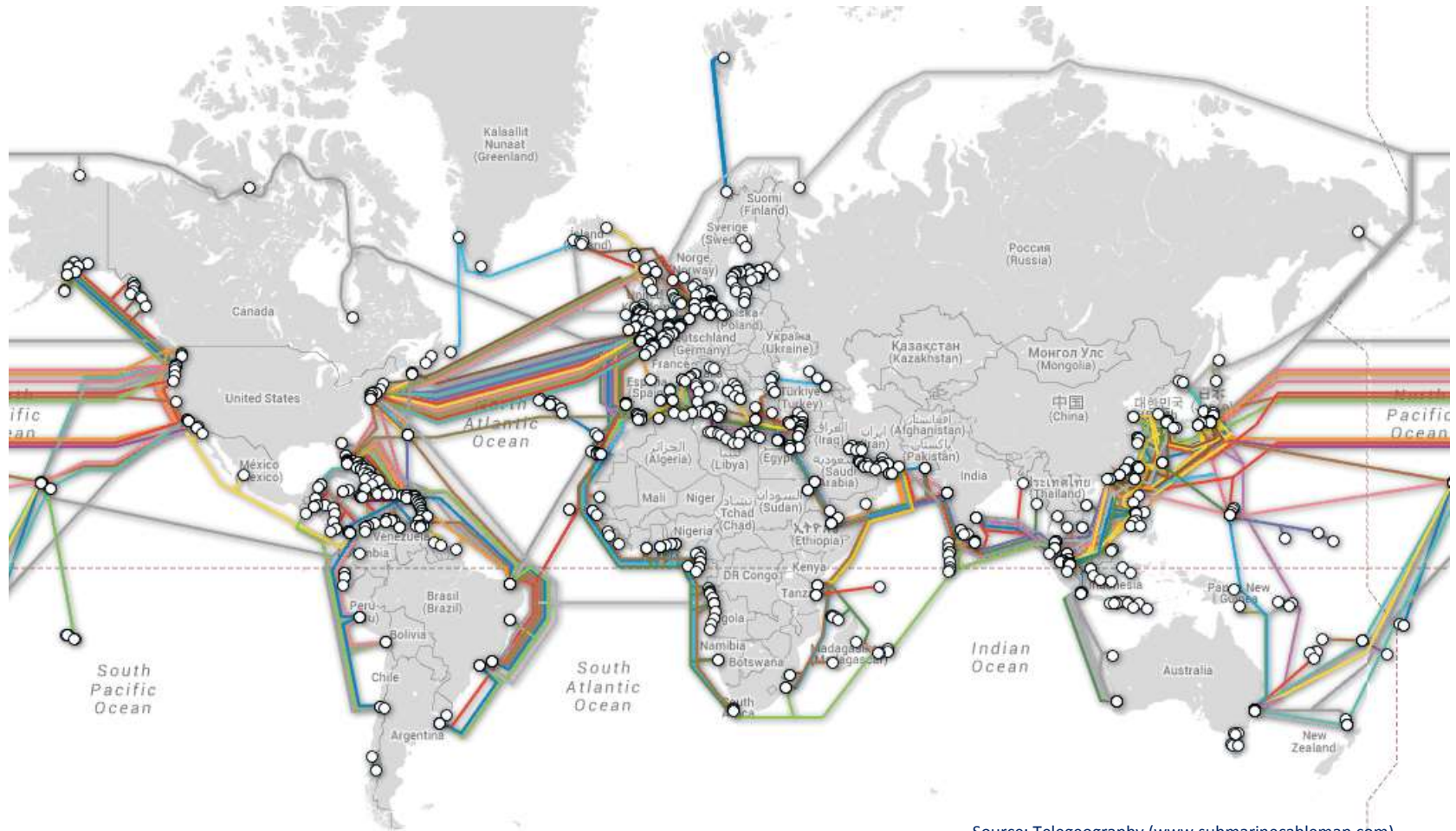
Production that is more than needed or before it is needed.



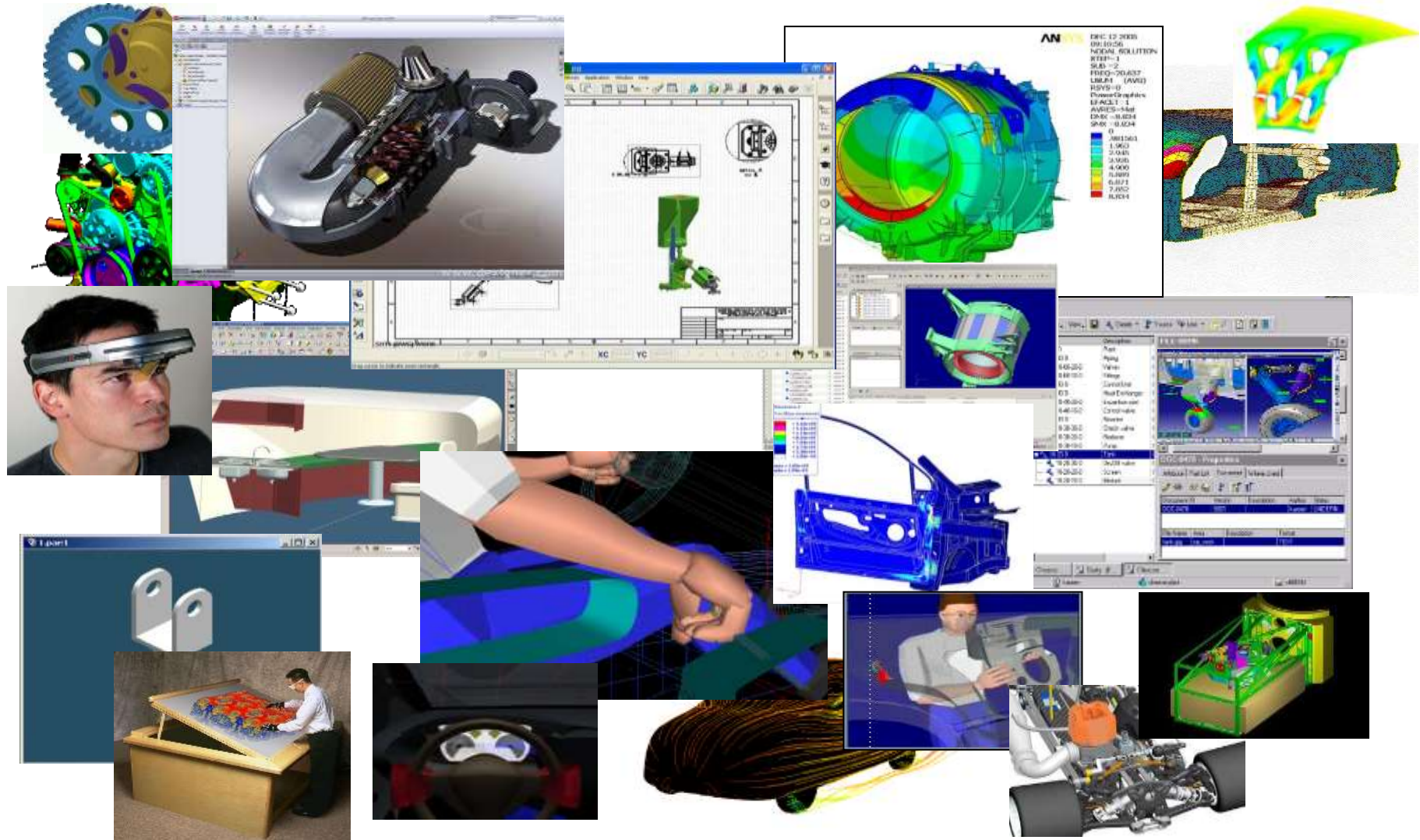
Overprocessing

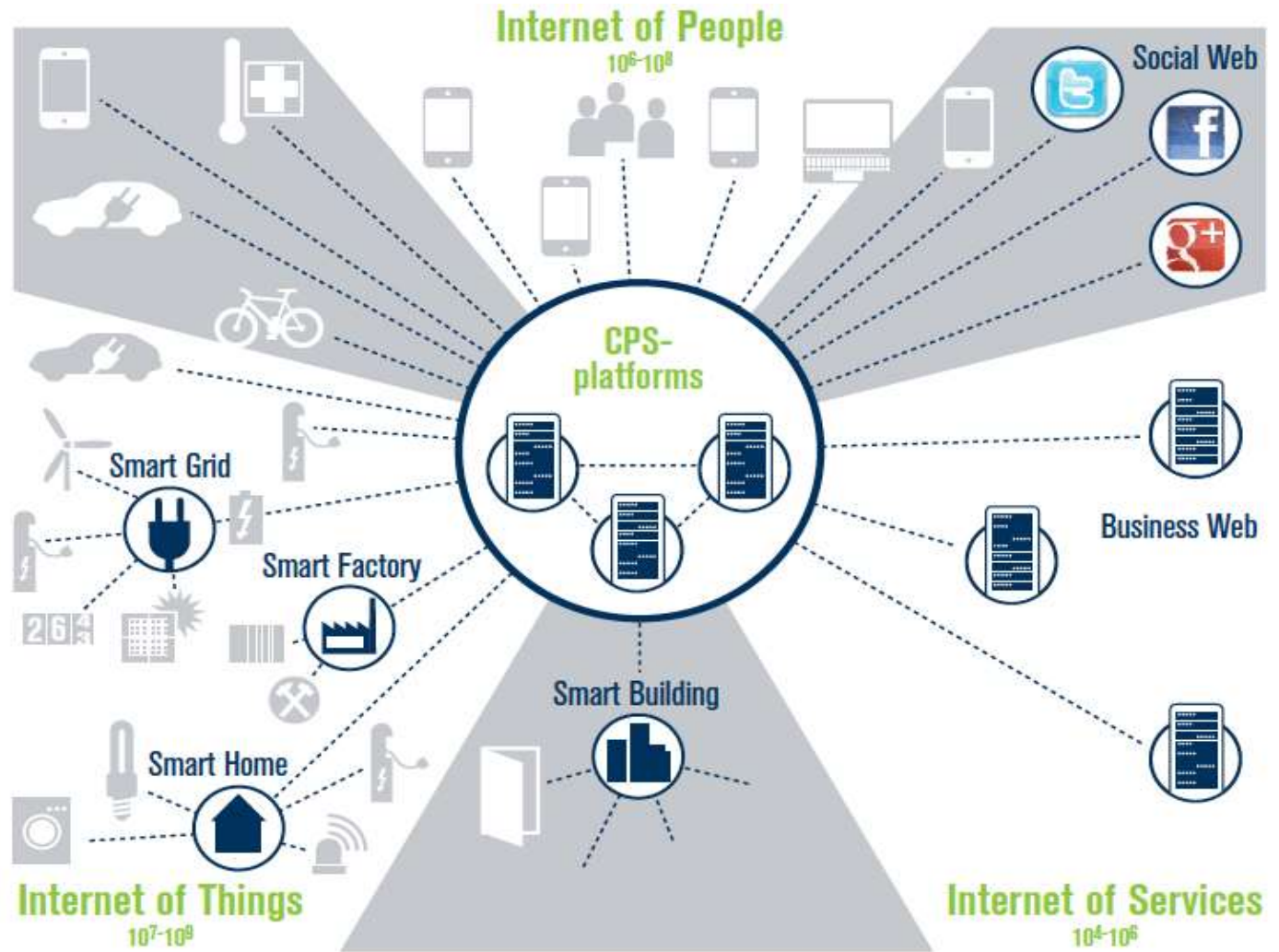
More work or higher quality than is required by the customer.

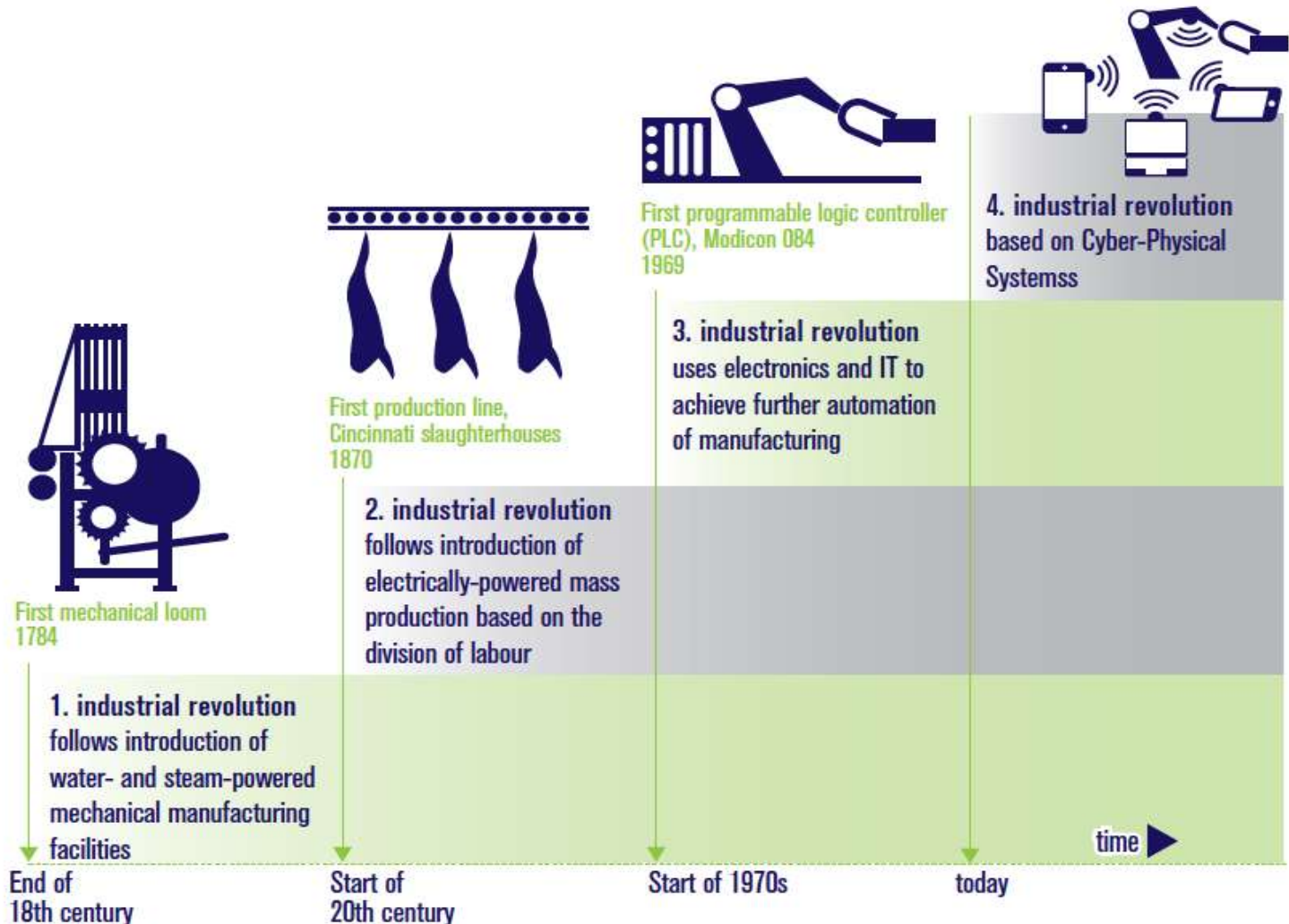


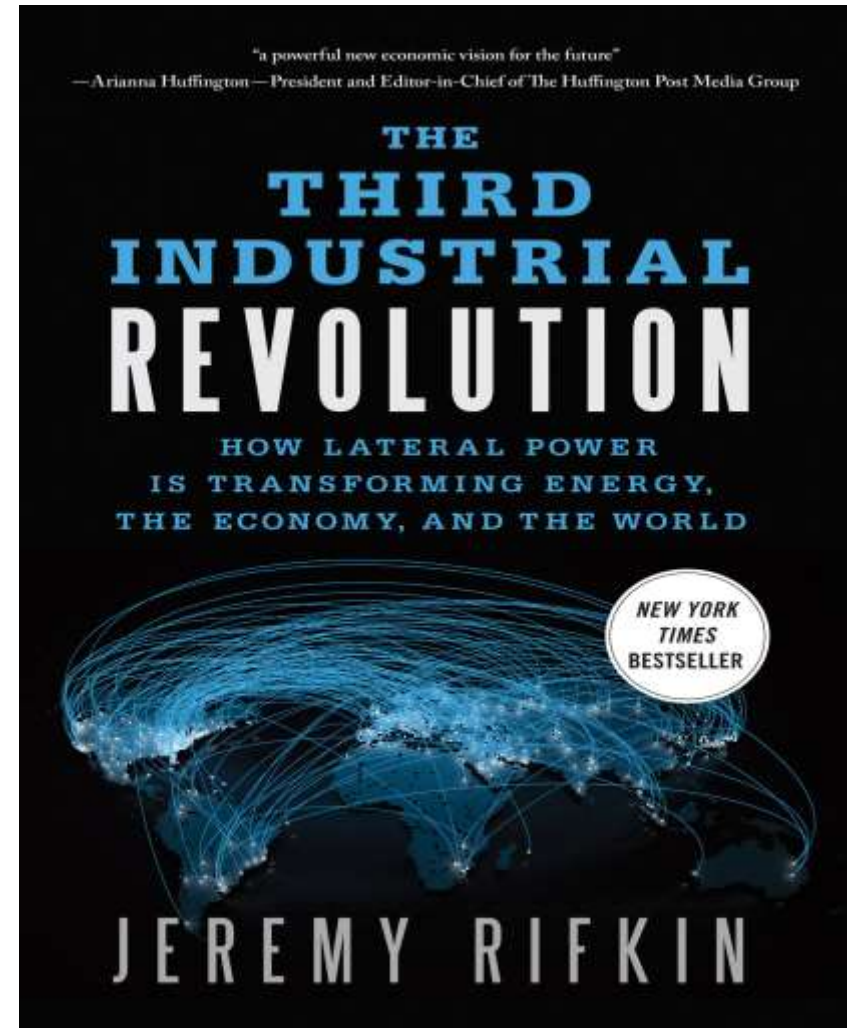


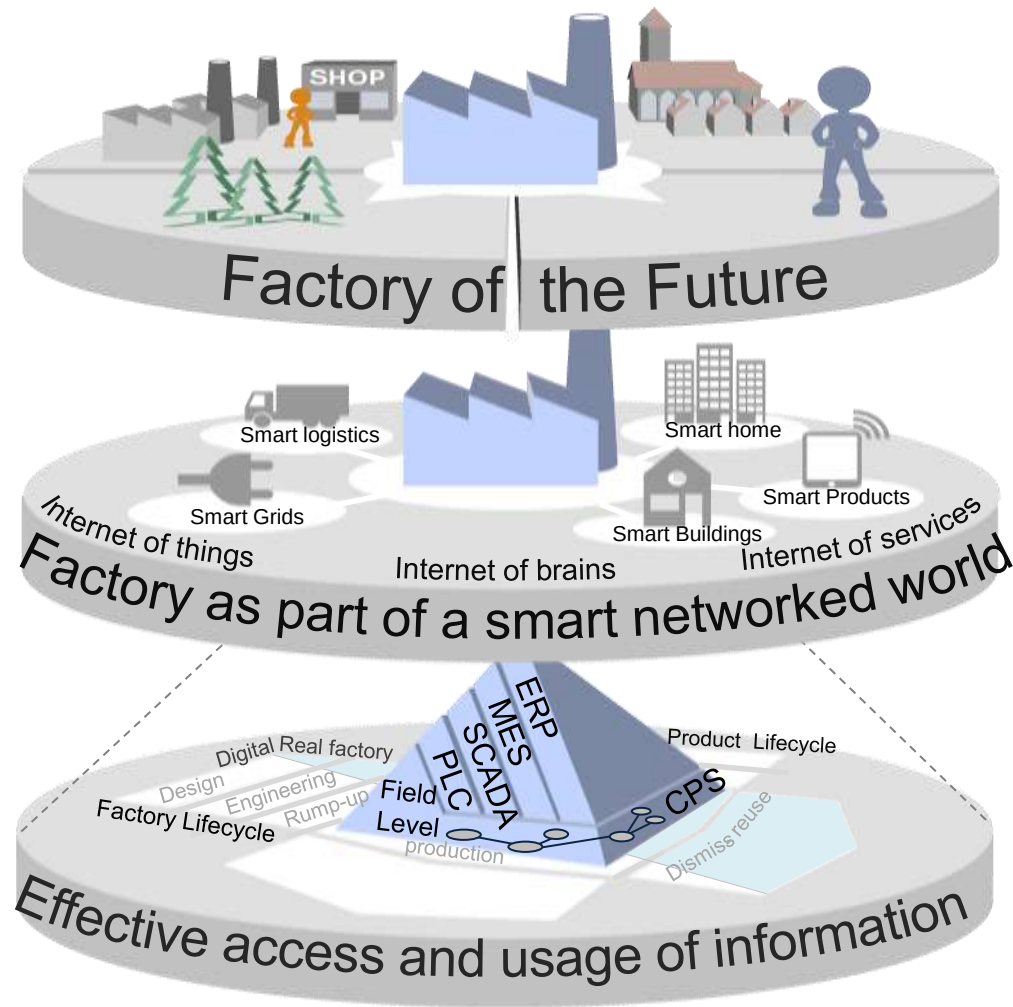
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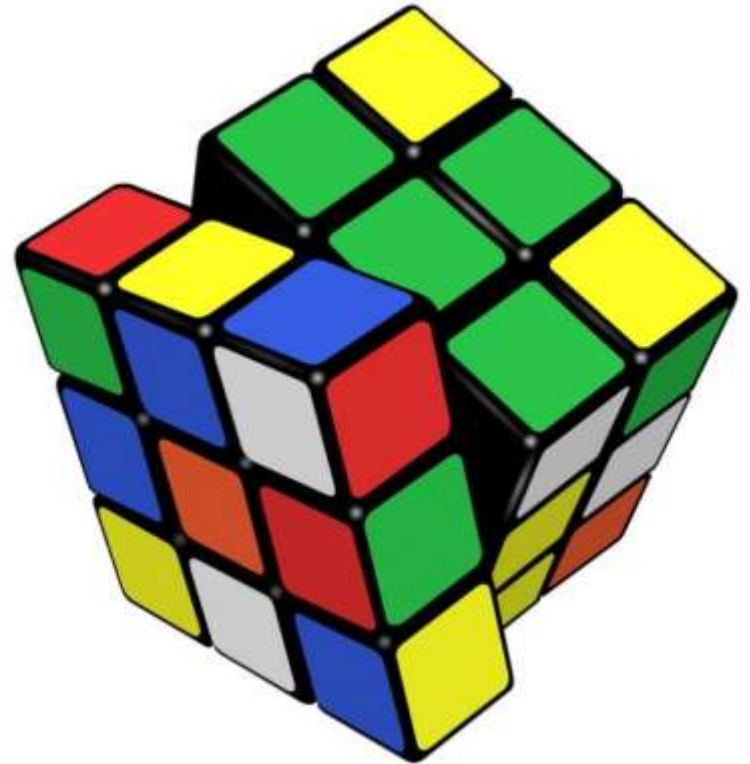


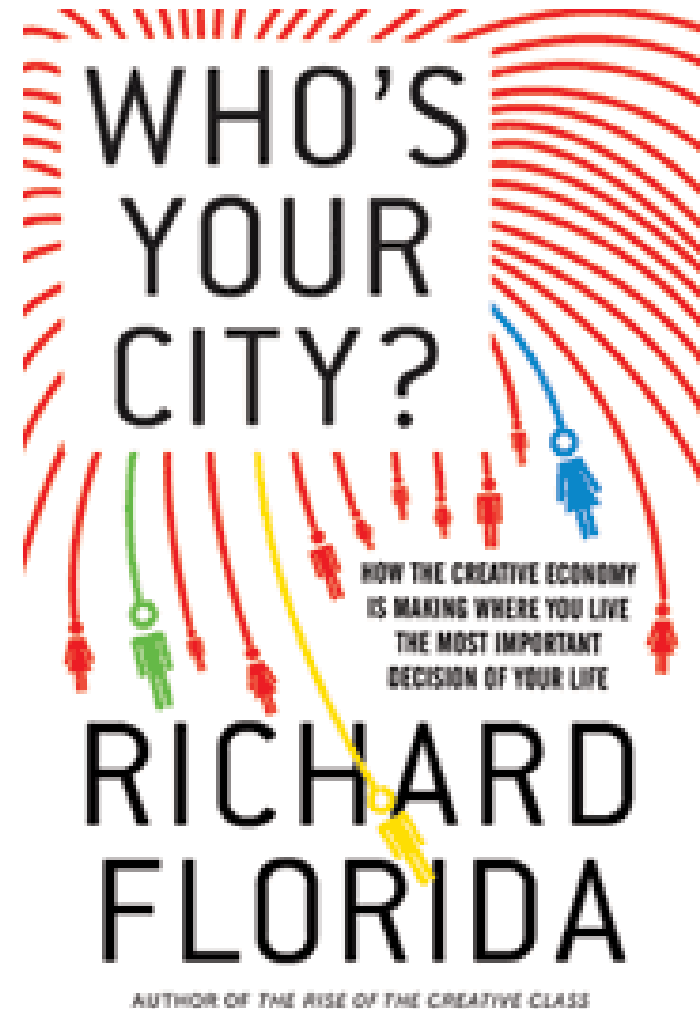
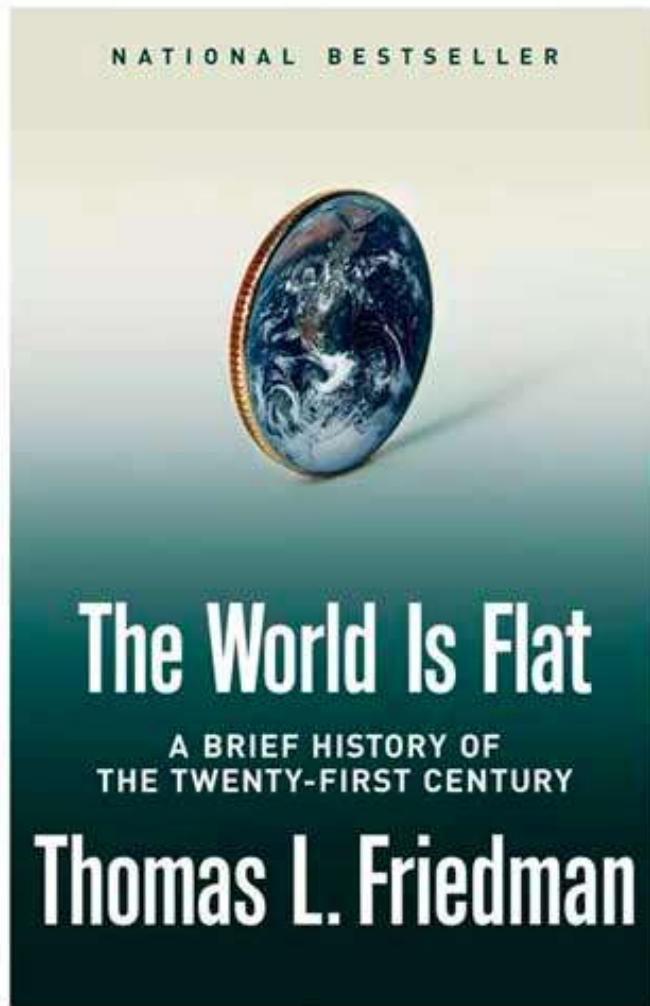






Quali sono le sfide da accettare?









www.whosyourcity.com | World Population



www.whosyourcity.com | World Economic Activity

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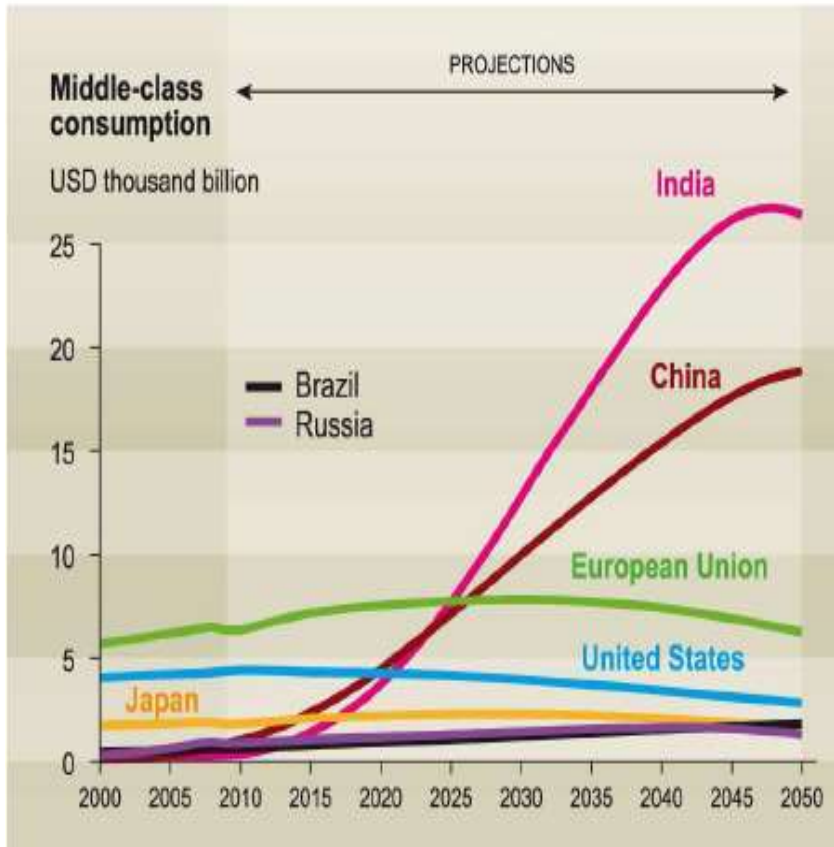


www.whosyourcity.com | World Innovation (number of patents)

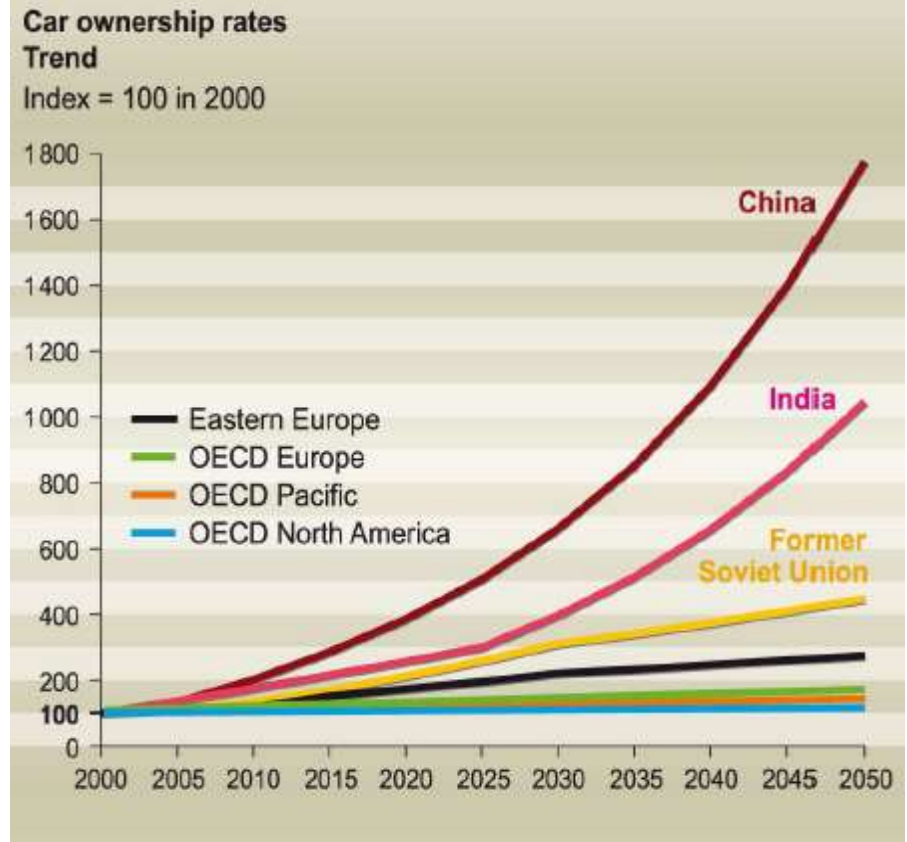


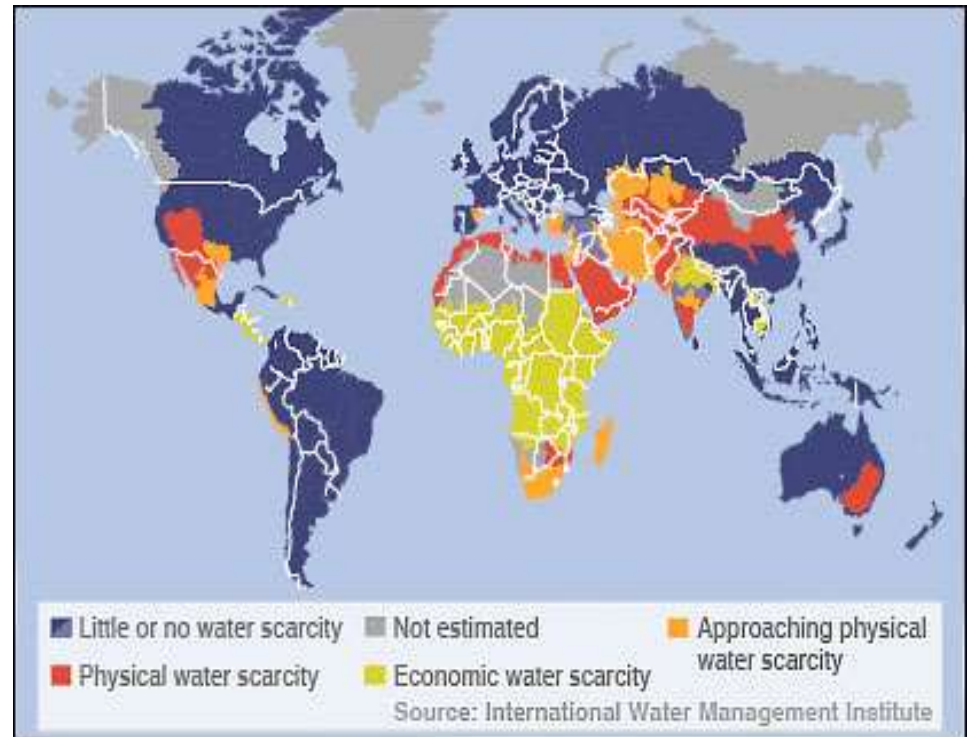
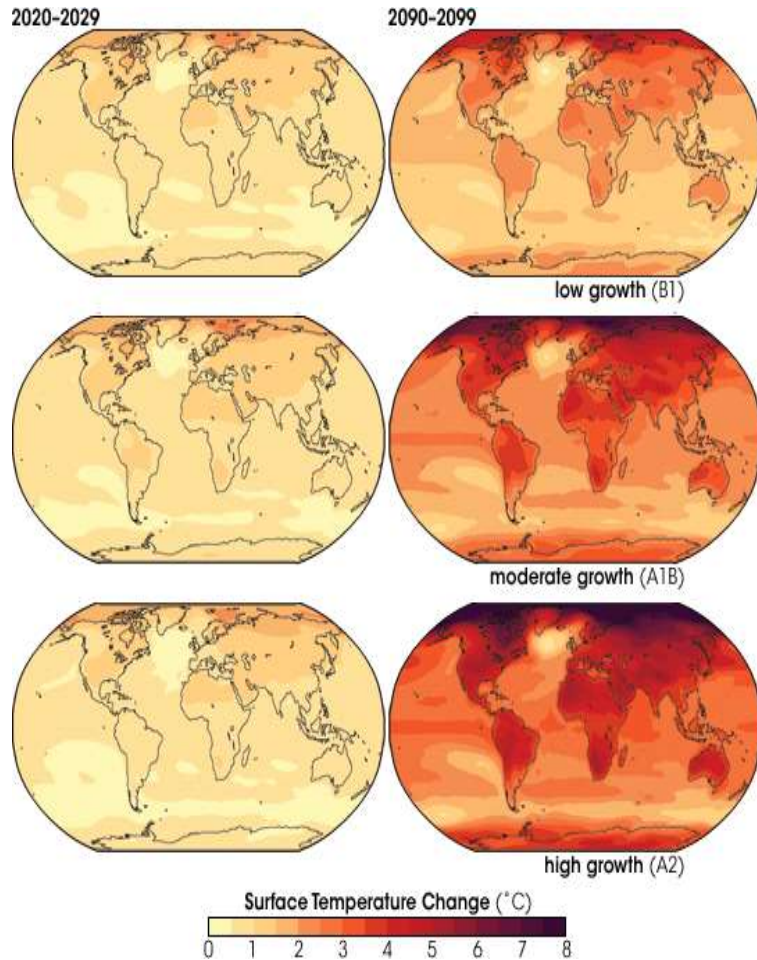
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Changing middle class



Car ownership rates projections

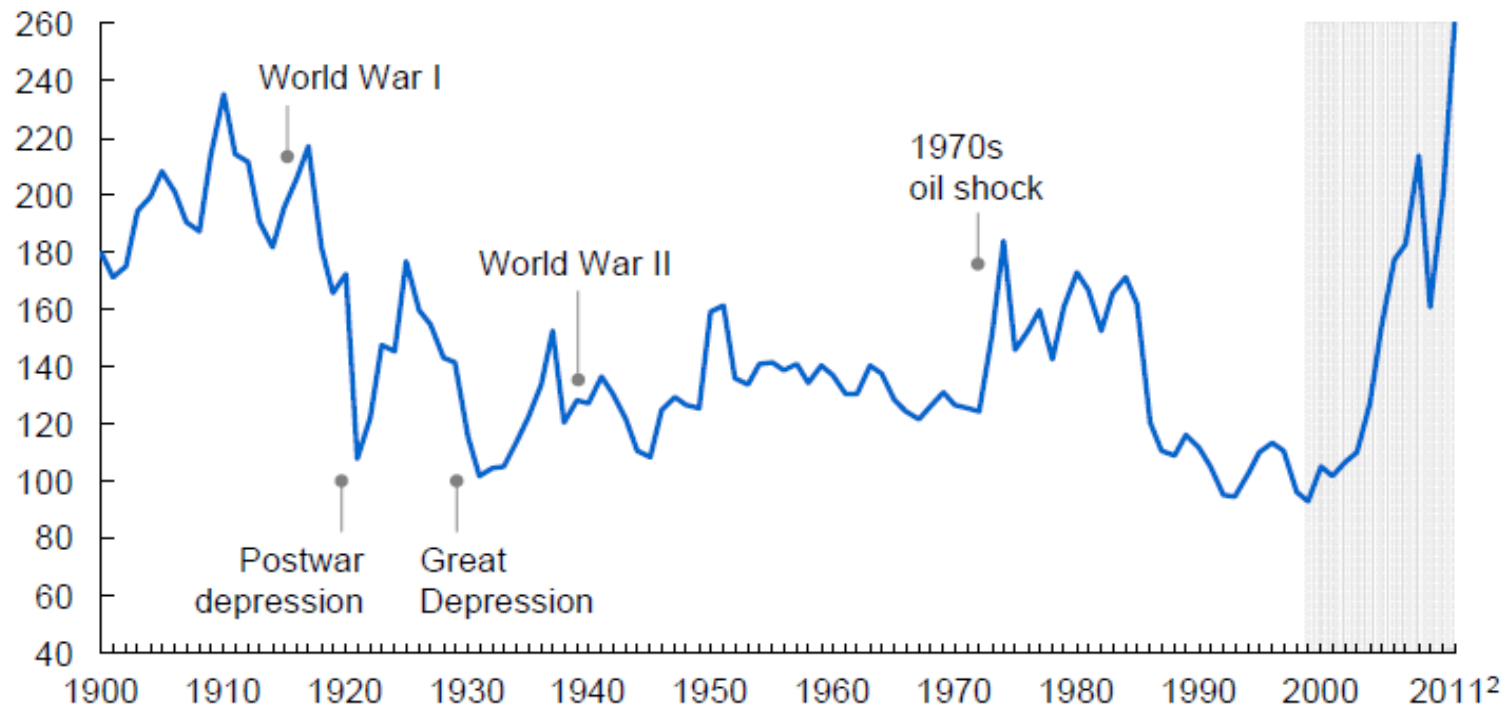






Commodity prices have increased sharply since 2000, erasing all the declines of the 20th century

MGI Commodity Price Index (years 1999–2001 = 100)¹



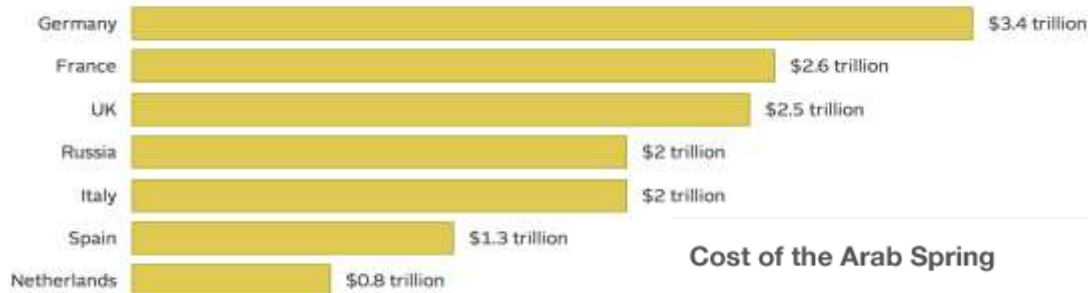
¹ See the methodology appendix for details of the MGI Commodity Price Index.

² 2011 prices are based on average of the first eight months of 2011.

SOURCE: Grilli and Yang; Stephan Pfaffensteller; World Bank; International Monetary Fund (IMF); Organisation for Economic Co-operation and Development (OECD); UN Food and Agriculture Organization (FAO); UN Comtrade; McKinsey analysis



Russian GDP in European perspective



Source: United Nations

ASIA-PACIFIC NEWS

Economics plays large role in Hong Kong protests

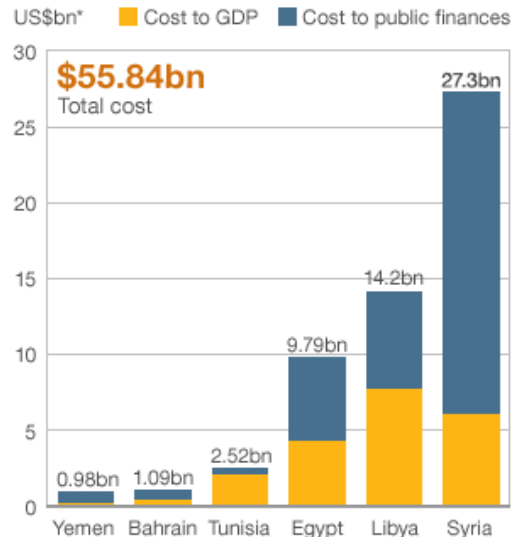
Everett Rosenfeld | @Ev_Rosenfeld
Monday, 29 Sep 2014 | 2:13 PM ET



While tens of thousands of Hong Kong residents take to the street, their signs call for democracy, autonomy and freedom—but experts say that some of those demonstrators are out there because of money.

The mainland Chinese media has taken to denouncing the protests that steadily grew throughout the weekend as potentially damaging to Hong Kong's economic fortunes, but *Time's* Michael Schuman writes that "activists in Hong Kong are fighting for an independence of administration and governance that will perpetuate their city's economic advantages."

Cost of the Arab Spring



*Totals may not add due to rounding

Source: Geopolicity



Sheldon Filger

Founder, GlobalEconomicCrisis.com

Iraq Crisis Threatens Global Economy

Posted: 09/10/2014 4:58 pm EDT | Updated: 09/10/2014 5:59 am EDT



The latest news from Iraq clearly has geopolitical implications. No less important are the economic ramifications. The Iraq war, which began with the U.S. invasion in 2003, is entering a new phase, and perhaps far more dangerous territory.

A Salafist-Islamist insurgent group which goes by the acronym in English of ISIS (and by other acronyms and names as well), said to be to the right of al-Qaeda (if that is even possible), has seized Iraq's second largest city, Mosul, with a population of approximately two million. ISIS has seized others towns and strategic locations, while boasting of a march on Baghdad. The Iraqi army appears to be crumbling.

28 August 2014 Last updated at 09:05 GMT

Ebola crisis: The economic impact

By Richard Haselton
BBC News



Military road blocks are preventing the movement of goods and workers.

With more than 1,300 reported deaths from Ebola in West Africa, the virus continues to be an urgent health crisis, but it is also having a devastating impact on the economies of Guinea, Liberia and Sierra Leone.

Ebola outbreak



Global Cyber Threat
January 2013 - June 2014

The Washington Post

Weapons designs compromised by Chinese hackers

Ellen Nakashima 5:54 PM ET
Among more than two dozen U.S. systems breached are programs critical to missile defenses and combat aircraft, according to a confidential report.
List of compromised designs

Cyber Security

W32.Stuxnet Dossier

Version 1.4 (February 2011)

Symantec Security Response

German jitters over cyber attacks

Incident rates across monitored industries

Industry	Incident Rate
Manufacturing	26.5%
Finance and insurance	20.9%
Information and communication	18.7%
Health and social services	7.3%
Retail and wholesale	6.6%

IBM Security Services Cyber Security Intelligence Index 2014

www.DW.DE , 8 Mar 2013

APT1

Exposing One of China's Cyber Espionage Units

MANDIANT

2014 DATA BREACH INVESTIGATIONS REPORT

verizon

WHO'S SPYING ON YOU?

No business is safe from cyber-espionage

KASPERSKY

Manufacturing: a 1 in 3 chance of being targeted by at least one Spear Phishing attack in 2013

Symantec Internet Security Report 2014





“L'epoca della procrastinazione, delle mezze misure, del mitigare, degli espedienti inutili, del differire sta giungendo alla fine. Ora stiamo entrando nell'epoca dove ogni azione causa conseguenze.” W. Churchill, 1936

“Il successo è l'abilità di passare da un fallimento all'altro senza perdere il tuo entusiasmo.” W. Churchill

Le del'attenzione



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