MEGACHANGE

The world in 2050

Daniel Franklin, *The Economist*
Innovation: *Stimulating economic growth*
March 28, 2012 Berkeley, CA

The Economist
20
MEGACHANGE
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THE WORLD IN 2050

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20 ESSAYS

- Population
- Social Revolution
- Technology

POPULATION

POPULATION

Spiralling up
World population, bn
1.0
1800
1.3
1850
1.7
1900
1.8
1910
1.9
1920
2.1
1930
2.3
1940
2.5
1950
3.0
1960
3.7
1970
4.4
1980
5.3
1990
6.1
2000
7.0
2011
7.5
2020
8.1
2030
8.6
2040
8.9
2050
Forecast
Source: UN Population Division

- The world will be 9 years older (on average) in 2050.

- 70% more urban (compared to 50% in 2012)

- Approximately 50% of population growth will be based in Africa.

SOCIAL REVOLUTION

SOCIAL REVOLUTION

SOCIAL REVOLUTION

TECHNOLOGY

The Economist
FEBRUARY 4TH-10TH 2012
Economist.com
Romney's boost from Florida
Slimming Carlos Slim
How to reform Fleet Street
The plight of gay Muslims
Why we are different from apes
A fistful of dollars
facebook
How can an eight-year-old company be worth so much?
Mark Zuckerberg
Supreme Overlord at The Book of Face Studied Computer Science & Psychology at Harvard University In a relationship Knows English, Latin, learning Mandarin
From Dobbs Ferry, New York Born on 14 May 1984 Fav. Song: "Money for Nothing"
Fav. game: Monopoly Likes: Poking; Fencing; Hoodies (Cashmere) Edit Profile
Update status Add photo/video
What's on your mind?
Wall
Info
Photos
Notes
Friends
Subscriptions
Friends (800 million+)
Big Brother
Julius Caesar
Mark Zuckerberg
VENI, VIDI, VICI !!! Am I richer than Bill yet? lol
Like · Comment · 7 minutes ago
Bill Gates No! Watch out for the trustbusters... :0(
3 minutes ago · Like
Hu Jintao Fancy sharing your data?
2 minutes ago · Like
Mitt Romney I know a good tax adviser ;)
about a minute ago · Like
Greek Finance Minister Will you be my friend?
about a minute ago · Like
Larry Page The Death Star is fully armed and operational.
2 seconds ago · Like
Write a cheque...

INSIDE THIS WEEK: A SPECIAL REPORT ON SOCIAL NETWORKING
The Economist
Obama's vital speech
America's bank plan misses the target
Britain's anaemic economy
How Bihar got better
Sri Lanka's president triumphs
JANUARY 30TH–FEBRUARY 5TH 2010
Economist.com
The Book of Jobs
Hope, hype and Apple's iPad

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PREDICTIONS

PREDICTIONS

Extrapolation vs. Disruption

Extrapolation vs. Disruption

Gut reaction

% of American adults* with body mass index (BMI) over 25

Inequality

The Economist
Tunisia's lesson for the Arabs
Could the yuan replace the dollar?
The science of sexual abstinence
Black gold and tar sands
Chinese mums: not that good really
JANUARY 22ND–28TH 2011
Economist.com
The rich and the rest
A 14-page special report on the global elite

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Inequality

HISTORY REPEATS ITSELF.—THE ROBBER BARONS OF THE MIDDLE AGES, AND THE ROBBER BARONS OF TO-DAY.

Role of the State

The Economist
A plan for Haiti
Massachusetts stuns Obama
New rules for banks
Dark days for lawyers and consultants
The psychology of power
JANUARY 23RD–29TH 2010
Economist.com
Stop!
The backlash against big government

China’s rise

China's rise

Chinese takeover
GDP as % of US GDP,
at market exchange rates
71
53
47
36
34
32
Japan
China
38
18
12
10
7
7
1985
1990
1995
2000
2005
2010
Forecast
Source: Economist Intelligence Unit

The year China overtakes America?

2018

The sun rises again
2
Share of world GDP*, %
At purchasing-power parity
THE ECONOMIST FORECAST
80
60
40
20
0
Asia
Western Europe
United States
1000
1200
1400
1600
1800
2025
Sources: Angus Maddison; IMF
*Actual figures to 2009

Black Swan

Black Swan:
Unpredictable, unforeseen events

THE INTERNATIONAL BESTSELLER
THE BLACK SWAN
The Impact of the Highly Improbable
'Great fun ... brash, stubborn, entertaining, opinionated, curious, cajoling'
Stephen J. Dubner, author of Freakonomics
Nassim Nicholas Taleb

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Black Swan

More surprises

- France growing bigger than Germany

- A booming Middle East reaping the economic benefits of a demographic dividend

- China's growth slowing to a mere 2.5% a year

- Nigeria becoming a booming emerging market of 400m

- **The discovery of alien life**

- The rebirth of an extinct species

Doom or boom:
Innovation is the key

INSIDE THIS WEEK: A 16-PAGE SPECIAL REPORT ON WATER
The Economist
The battle of Bangkok
America's surprising primaries
Does Facebook know too much?
Labour's love lost
How to plug an oil well
MAY 22ND–28TH 2010
Economist.com
And man made life
The first artificial organism and its consequences
£4.00

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The Economist
FEBRUARY 12TH-18TH 2011
Economist.com
Europe loses the mobile-phone war
Africa's new wealth
Japan's tea party
How to switch off the internet
The shoe-thrower's index
Print me a Stradivarius
The manufacturing technology that will change the world
This violin was made using an EOS laser-sintering 3D printer (and it plays beautifully)

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The Economist
NOVEMBER 21ST-27TH 2009
Economist.com
Dealing with America's deficit
Obama's timid trip to Asia
Remote control for your car
Peter Drucker, still king of the gurus
The scientist who saw Nessie
How to feed the world

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THE WORLD IN 2050

Corporations:
What's on the menu in 2050

EXXON HYDRO

TATAsoft®

Corporations: 2050

Google™ Goldman Sachs

QATAR HOLDINGS

Shanghai Automotive

Corporations: 2050

OXBRIDGE
HARVARD

Talientiate

Manuvation

BollyDis

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