

HOW WILL THIS REVOLUTION BE DIFFERENT FROM THE LAST?

SANJAY JHA



PROJECT PRODUCTION
INSTITUTE

HOW DID WE GET HERE?



Fire



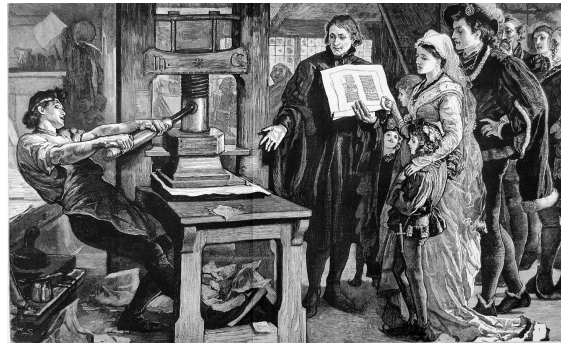
Wheel



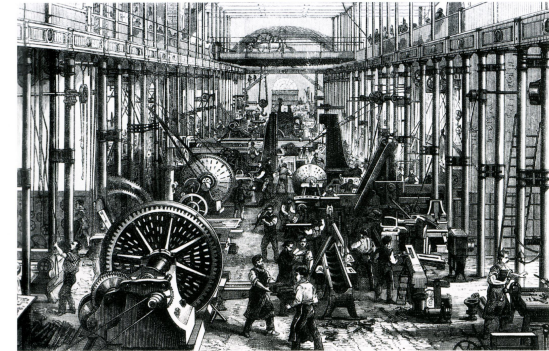
Agriculture



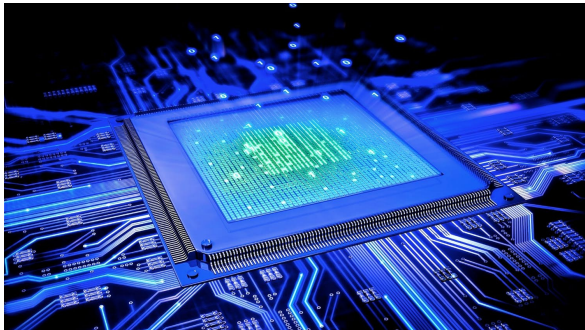
Written
Language



Printing
Press



Industrial
Revolution:
Transportation
& Mass
Manufacturing



Miniaturization
Electronics
Computing
Telecomms



Internet &
Mobile

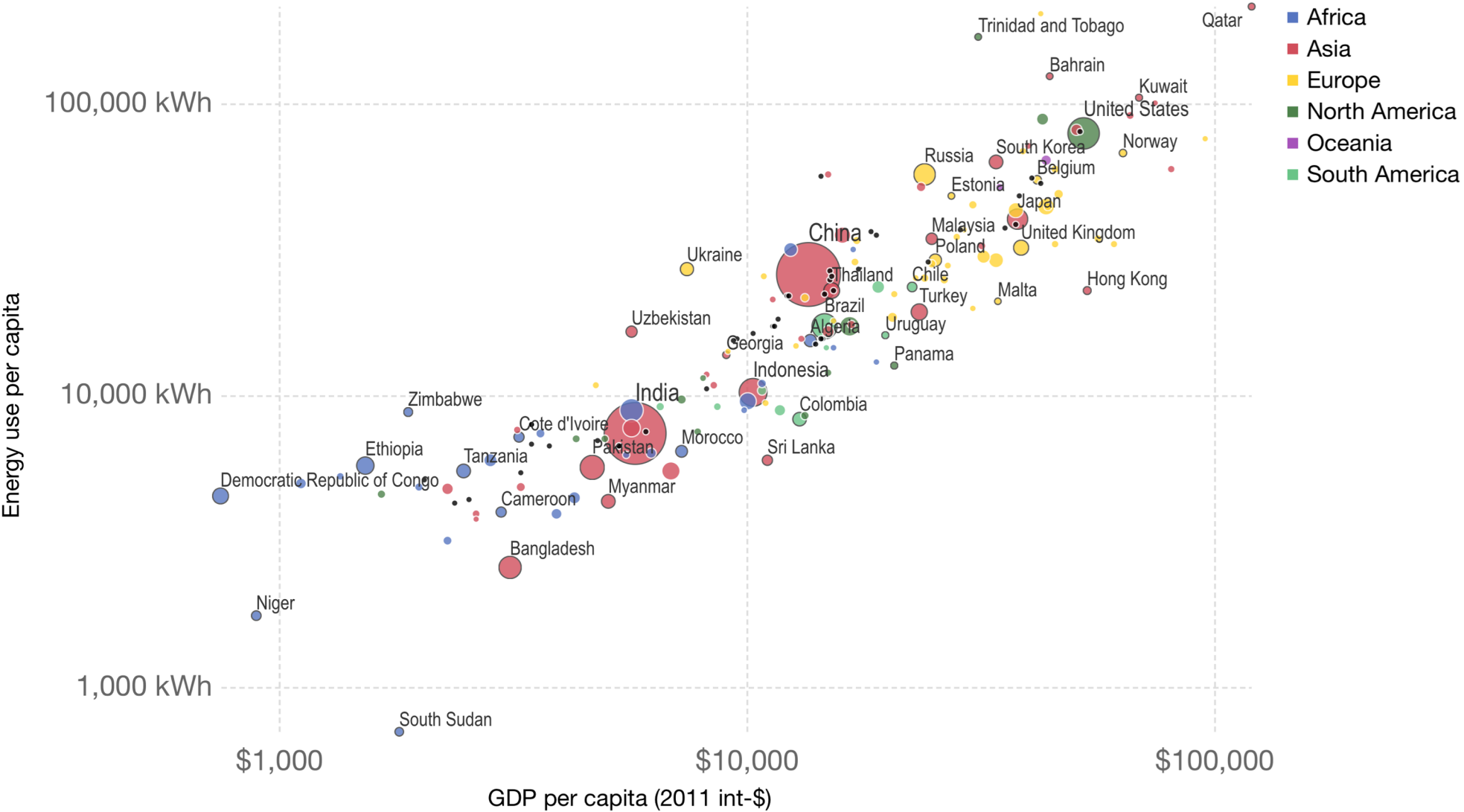


JOBS DON'T GET KILLED – THEY TRANSFORM



Energy use per capita vs. GDP per capita, 2015

Annual energy use per capita, measured in kilowatt-hours per person vs. gross domestic product (GDP) per capita, measured as 2011 international-\$



Source: International Energy Agency (IEA) via The World Bank
OurWorldInData.org/energy-production-and-changing-energy-sources/ • CC BY-SA



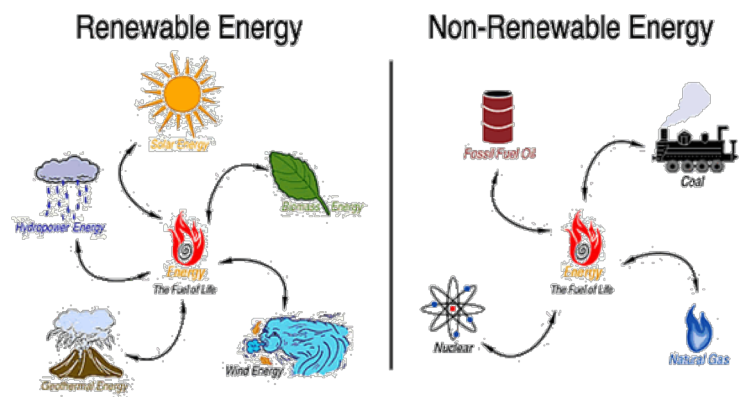
THE BIG INDUSTRIES OF THE FUTURE



HEALTHCARE



LEISURE



ENERGY



TECHNOLOGY



FINANCE



WHAT DOES THIS ALL MEAN FOR YOU?

Energy is a growth industry means infrastructure activity has to scale UP

Every new disruption leads to consolidation

Globalization can't be stopped except by war

The poorest leapfrog because they don't have an alternative

Information acquisition becomes affordable

Information analysis becomes possible

Don't think Vertical. Think Horizontal when accessing these new capabilities

Leisure has changed already. World is now your leisure zone

