

# 11<sup>th</sup> World Telecommunication/ICT Indicators Symposium (WTIS-13)

Mexico City, México, 4-6 December 2013



---

*Contribution to WTIS-13*

Document C/17-E  
6 December 2013

English

**SOURCE:** The Earth Institute, Columbia University

**TITLE:** Keynote: Sustainable Development and Information and Communications Technology

***Sustainable Development and  
Information and Communications Technology***

Prof. Jeffrey D. Sachs

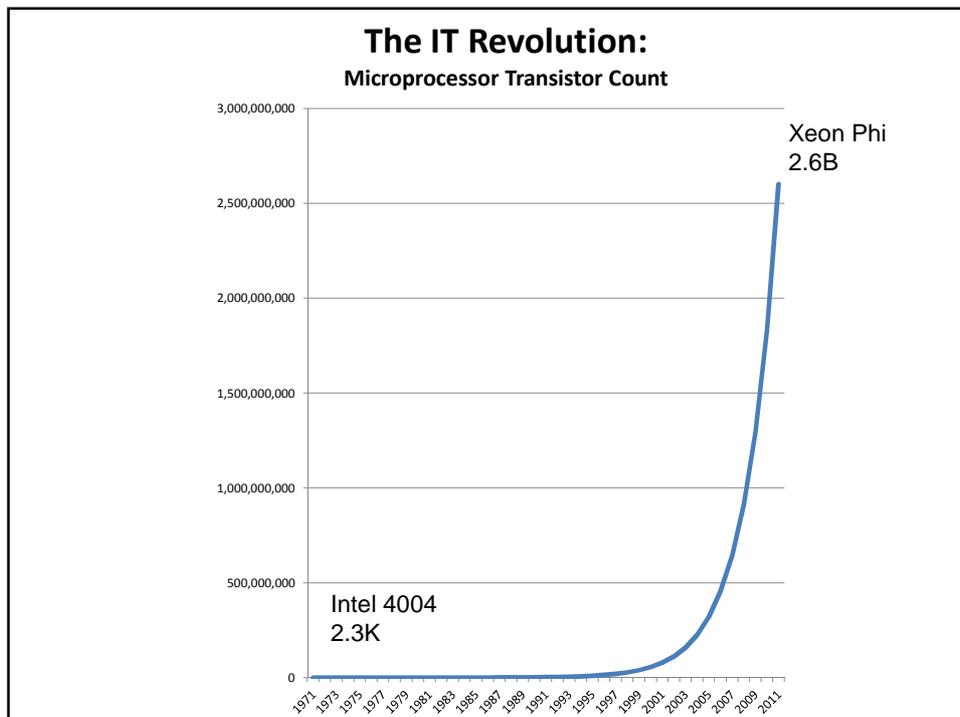
11<sup>th</sup> WTIS Symposium  
Mexico City  
December 4, 2013

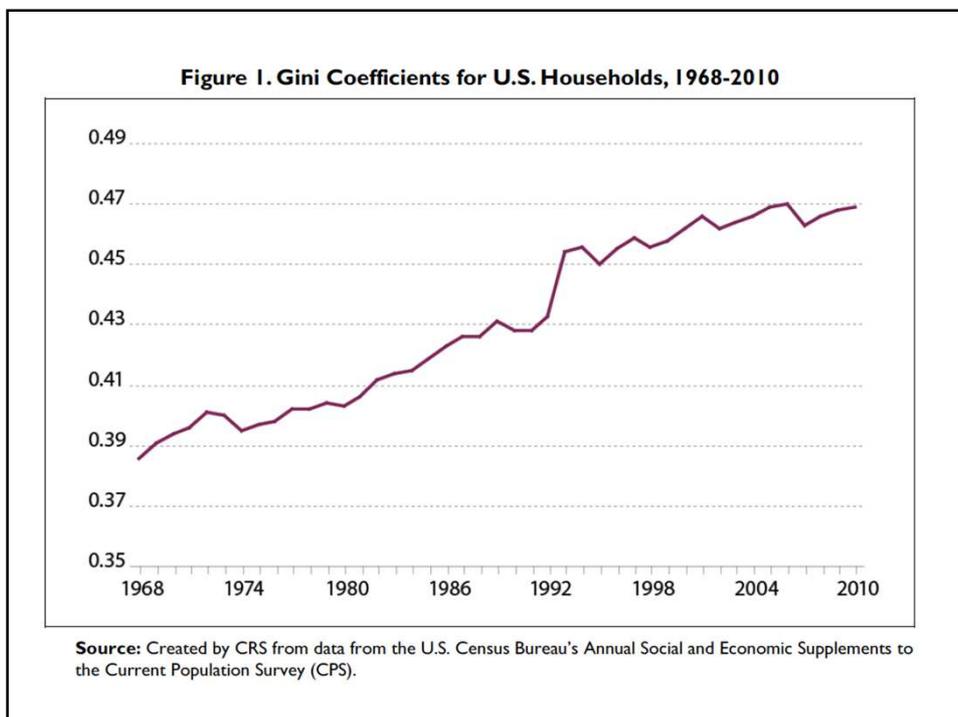
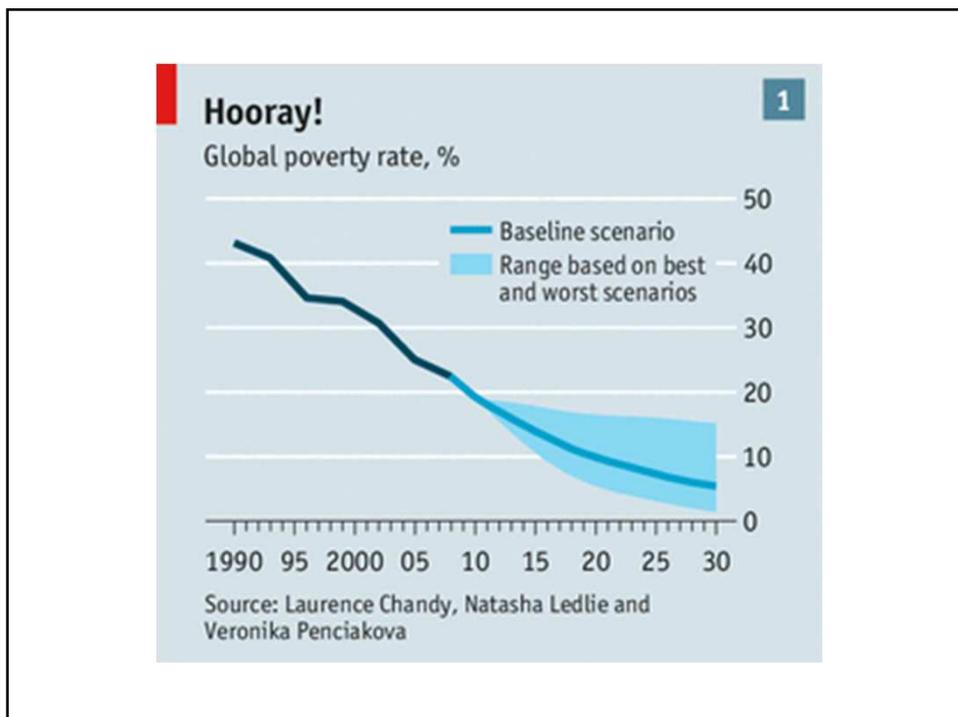
Why SDGs?

Humanity Has Entered A New Era

“For man holds in his mortal hands  
the power to abolish all forms of human  
poverty and all forms of human life.”

-JFK Inaugural Address  
January 20, 1963









BEICHUAN, SICHUAN PROVINCE, JULY 2013

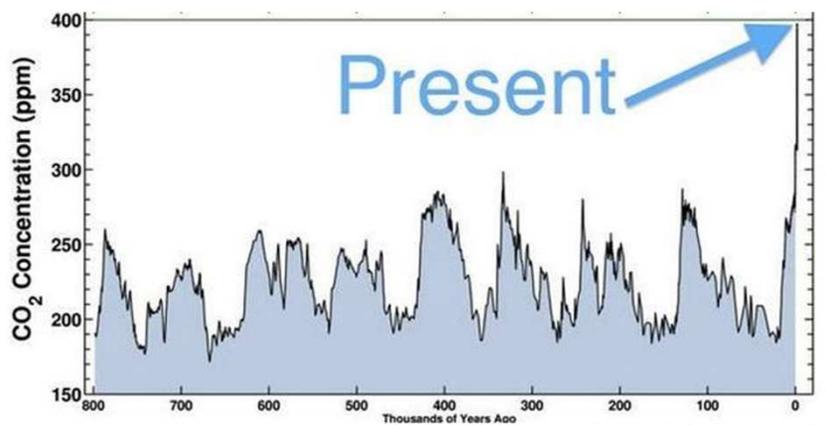
MANHATTAN, HURRICANE SANDY, OCTOBER 29, 2012





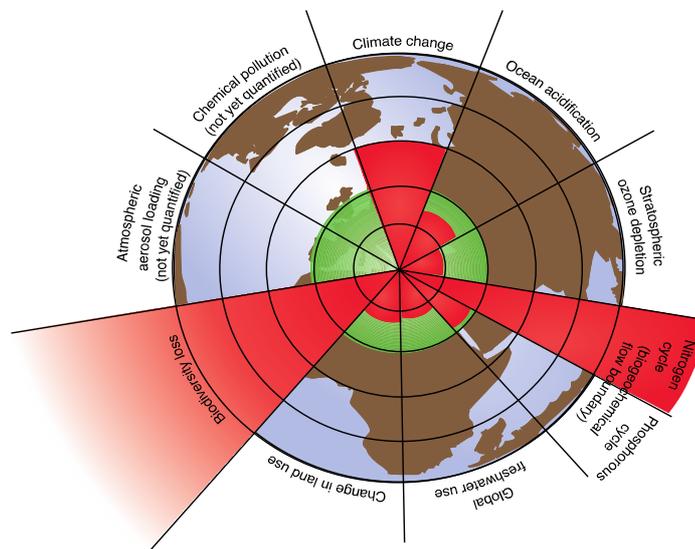
Algal Bloom, Qindao, Shandong Province, 2013

IN APRIL, 2013, CO<sub>2</sub> CONCENTRATION REACHES 400 PPM FOR FIRST TIME IN 3 MILLION YEARS



Ice core data before 1958

## “PLANETARY BOUNDARIES”



Source: Rockström et al 2009a)

### Motivations for the SDGs:

Public Awareness

Activism

Knowledge Communities

Political and Corporate Accountability

***PROPOSED SDGs:***

1. END EXTREME POVERTY
2. JOBS AND GROWTH
3. SOCIAL INCLUSION FOR WOMEN, MINORITIES, YOUTH
4. EDUCATION FOR ALL
5. HEALTH FOR ALL
6. FOOD SECURITY FOR ALL
7. FIGHT CLIMATE CHANGE WITH SUSTAINABLE ENERGY
8. BIODIVERSITY CONSERVATION
9. RESILIENT CITIES
10. GOOD GOVERNANCE FOR SUSTAINABLE DEVELOPMENT

**KEY ROLES FOR ICT:**

ICT FOR HEALTH  
ICT FOR EDUCATION  
ICT FOR SUSTAINABLE AGRICULTURE  
ICT FOR SMART ENERGY SYSTEMS  
ICT FOR SMART URBAN NETWORKS  
ICT FOR IMPLEMENTING THE SDGS

## THE NEED FOR TRUE PUBLIC-PRIVATE PARTNERSHIPS

## TIMELINE TO THE SDGS

SPRING 2014, OPEN WORKING GROUP REPORT

SEPTEMBER 2014, CLIMATE SUMMIT AT UN

FALL 2014, SECRETARY-GENERAL'S RECOMMENDATIONS

FIRST-HALF 2015, INTERGOVERNMENTAL NEGOTIATIONS

SEPTEMBER 2015, SDG SUMMIT AT UN

NOVEMBER 2015, CLIMATE NEGOTIATIONS IN PARIS

We choose to go to the moon. We choose to go to the moon in this decade and do the other things, not because they are easy, but because they are hard, because that goal will serve to organize and measure the best of our energies and skills, because that challenge is one that we are willing to accept, one we are unwilling to postpone, and one which we intend to win, and the others, too.

President John F. Kennedy, Rice University,  
September 12, 1962