

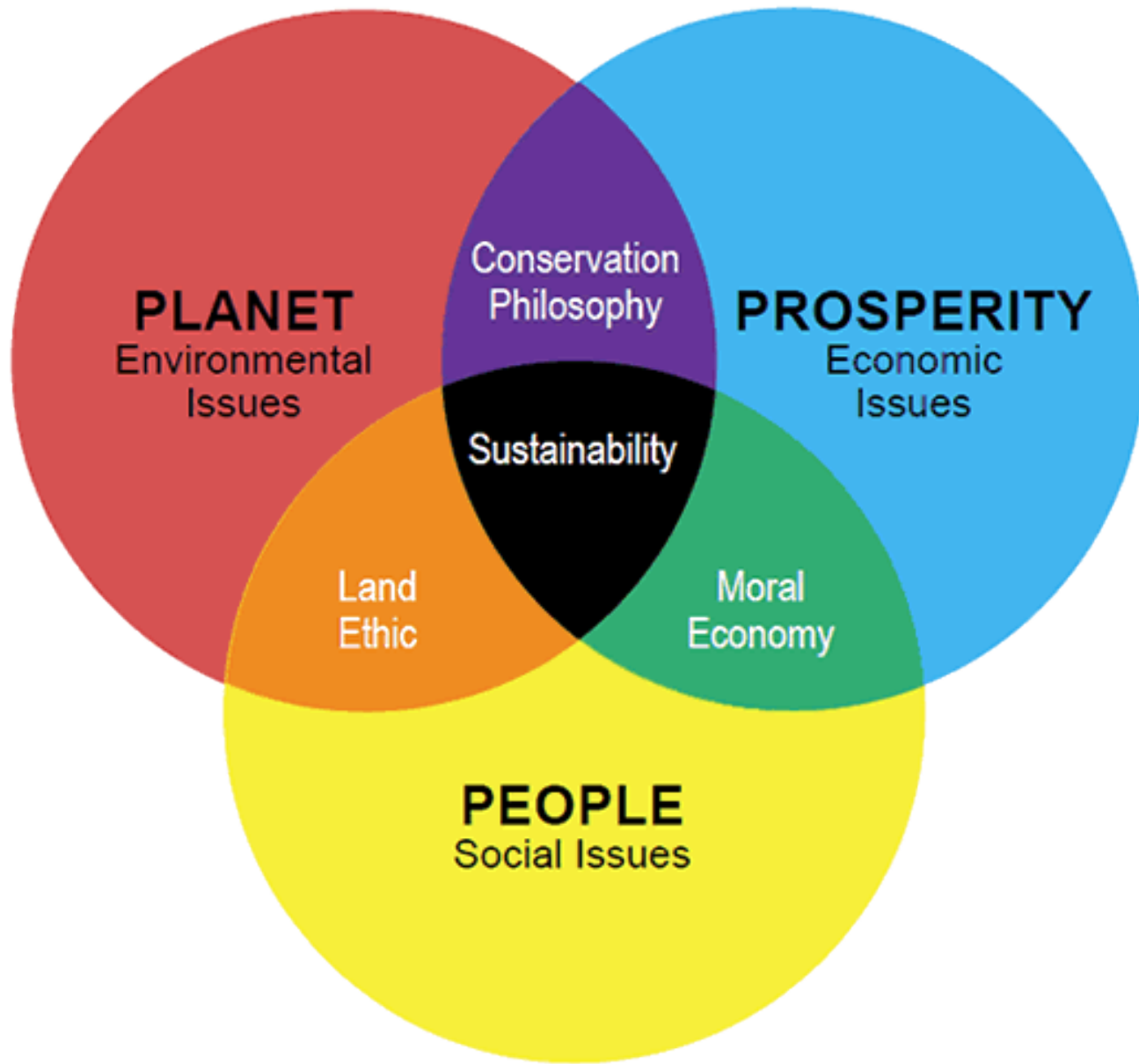


Topic of Discussion

“Summary and Priorities”

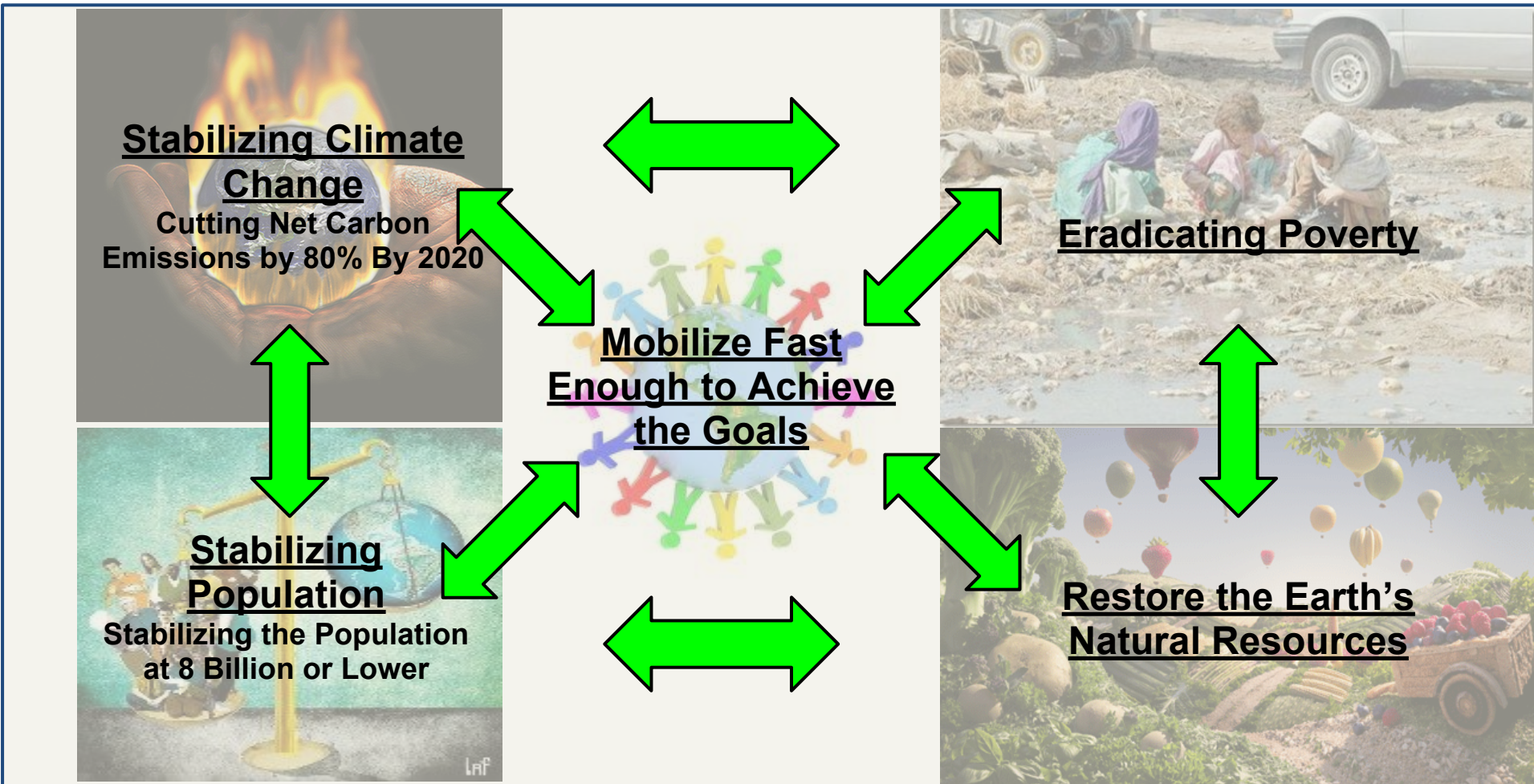
Presented by
Plan B Project Team

Plan B 4.0: Mobilizing to Save Civilization
by Lester R. Brown



Goals of Plan B 4.0

Ch. 1



The Challenges

Ch. 2 - 3



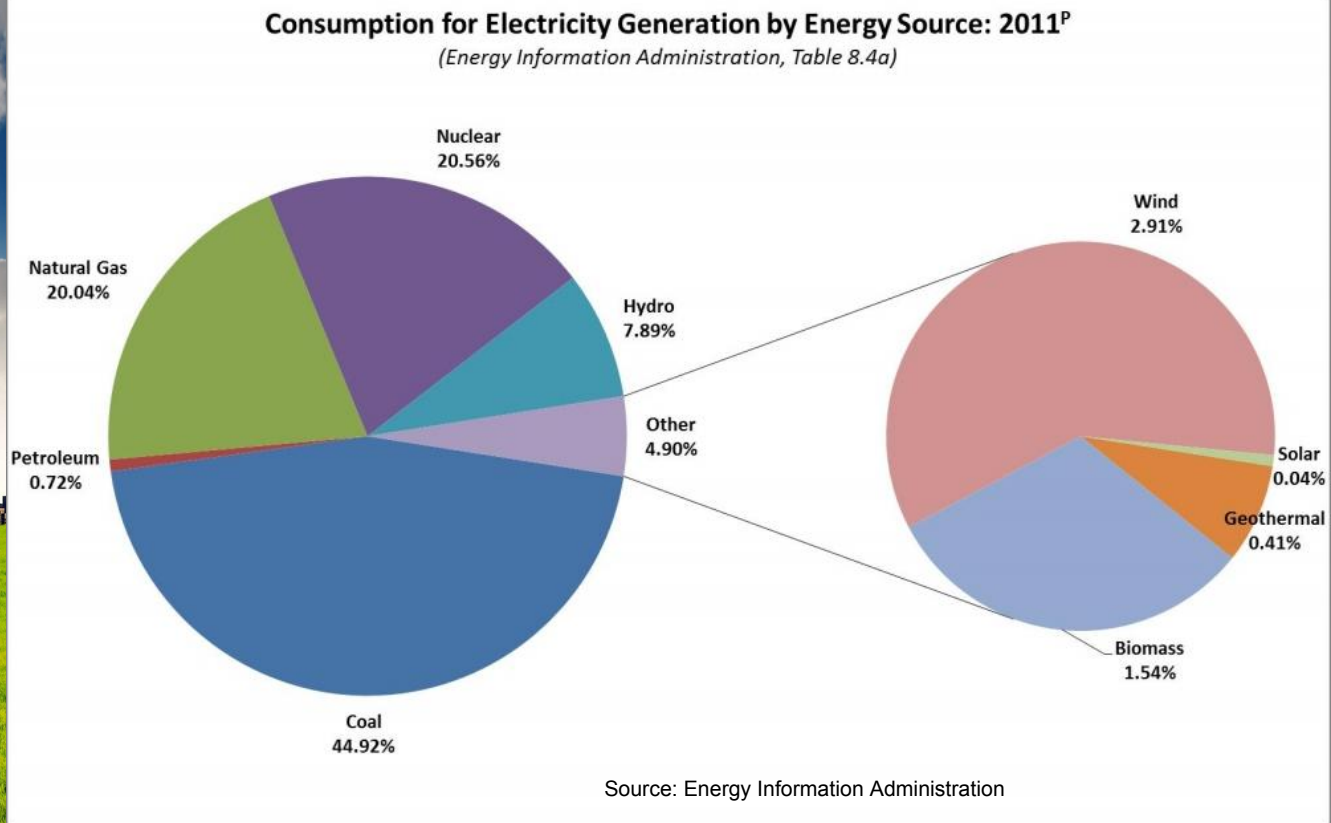
Land and water conflicts



Source: www.egyptindependent.com



The Challenges Environment and Energy



Stresses of the World Lead to Failing States



The Response - Climate and Efficiency Ch. 4-6

ZERO CARBON HOUSE KEY FEATURES



Common 60W Incandescent Bulb

uses 60W per bulb for 800 lumens

1 bulb lasts 1,200 hrs

20 years = 21 bulbs



Common 14W CFL Bulb

uses 14W per bulb for 800 lumens

1 bulb lasts 10,000 hrs

20 years = 3 CFL bulbs

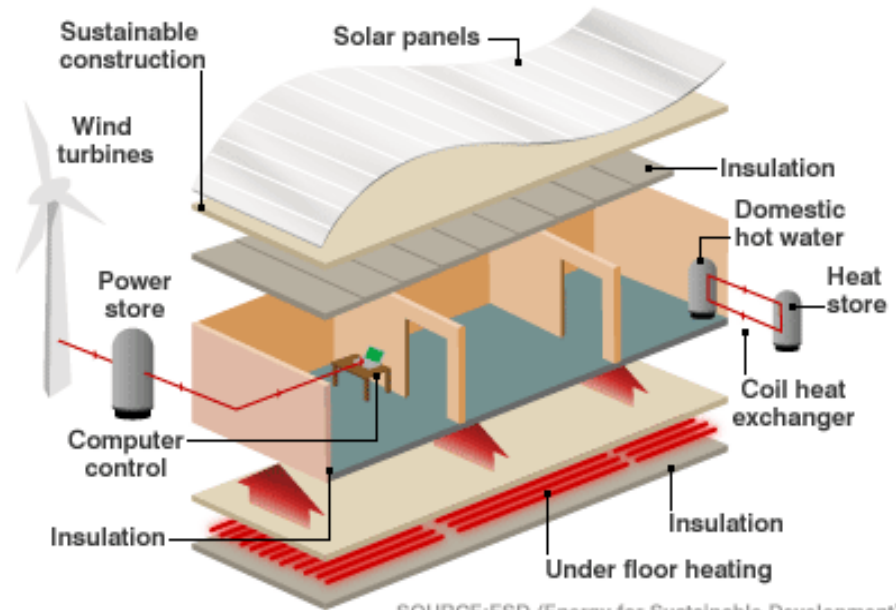


Philips 12.5W AmbientLED Bulb

uses 12.5W per bulb for 800 lumens

1 bulb lasts 25,000 hrs

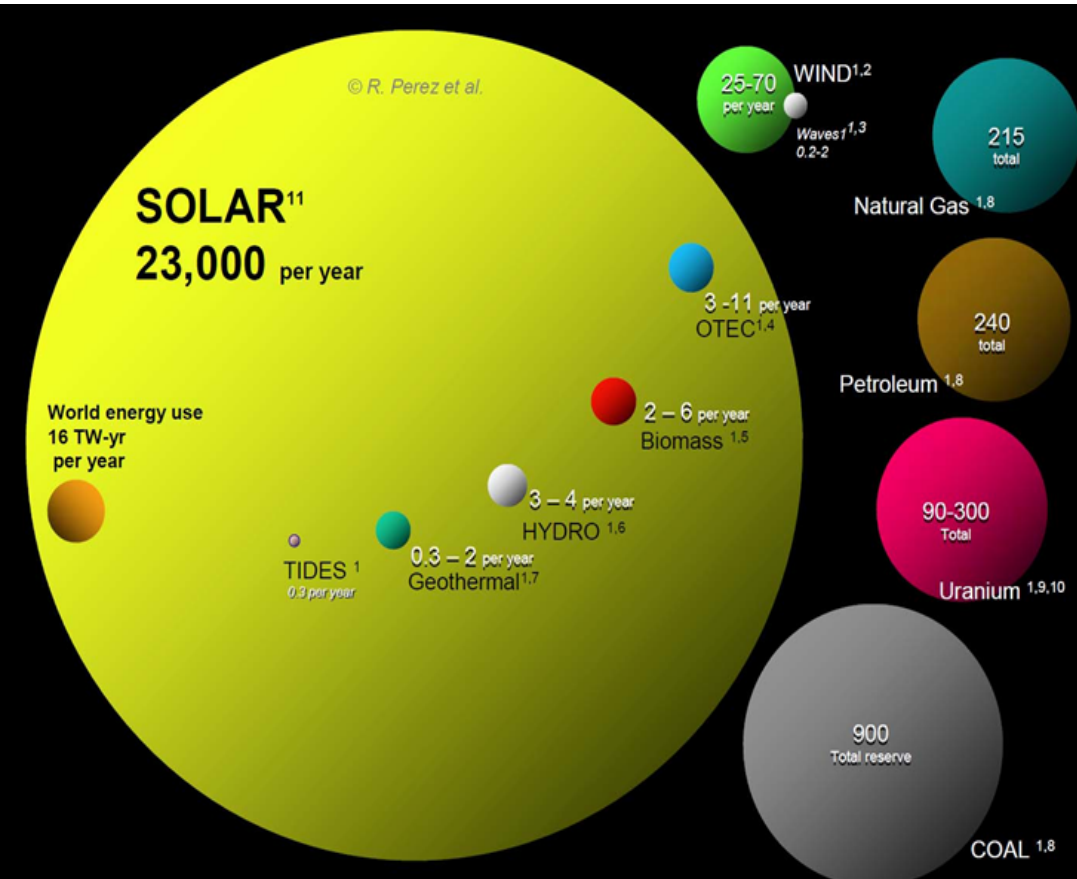
20 years = 1 LED bulb



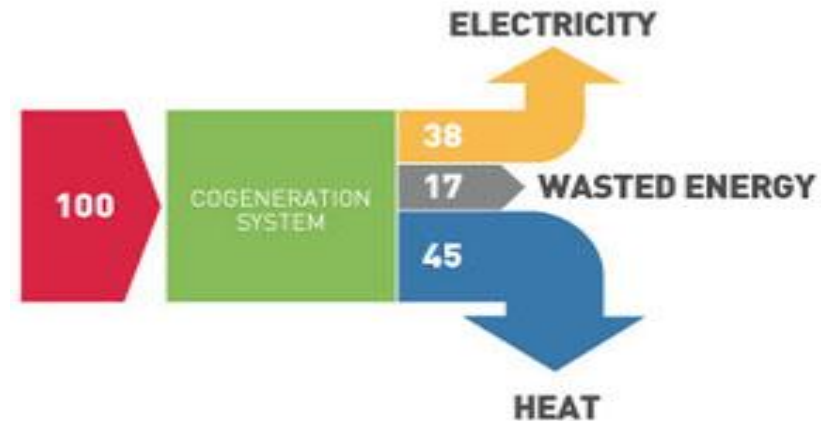
SOURCE:ESD (Energy for Sustainable Development)



The Response - Climate Renewable Energy



COGENERATION PRODUCTION



ENERGY INPUT
100

88 Minutes of Sun Energy Output
=

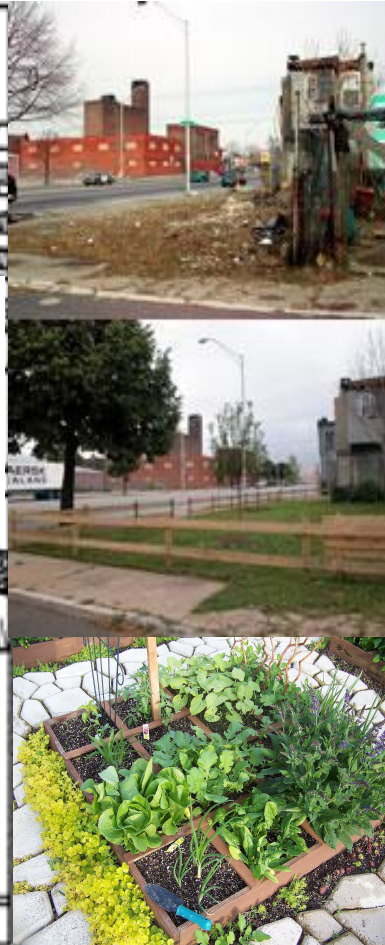
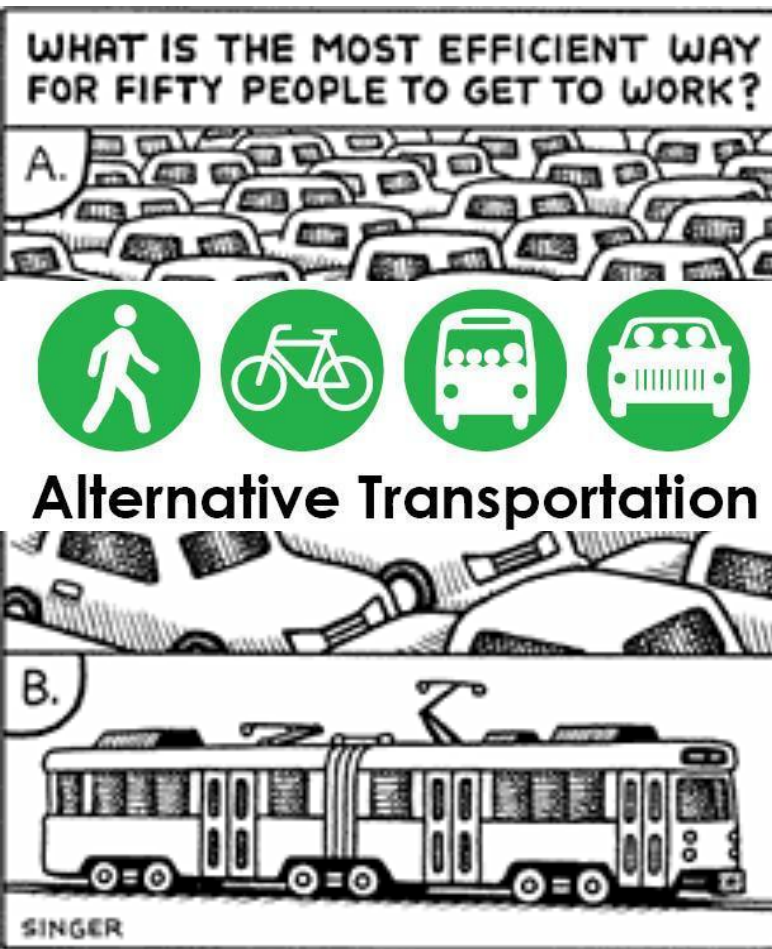
Enough energy to power the World



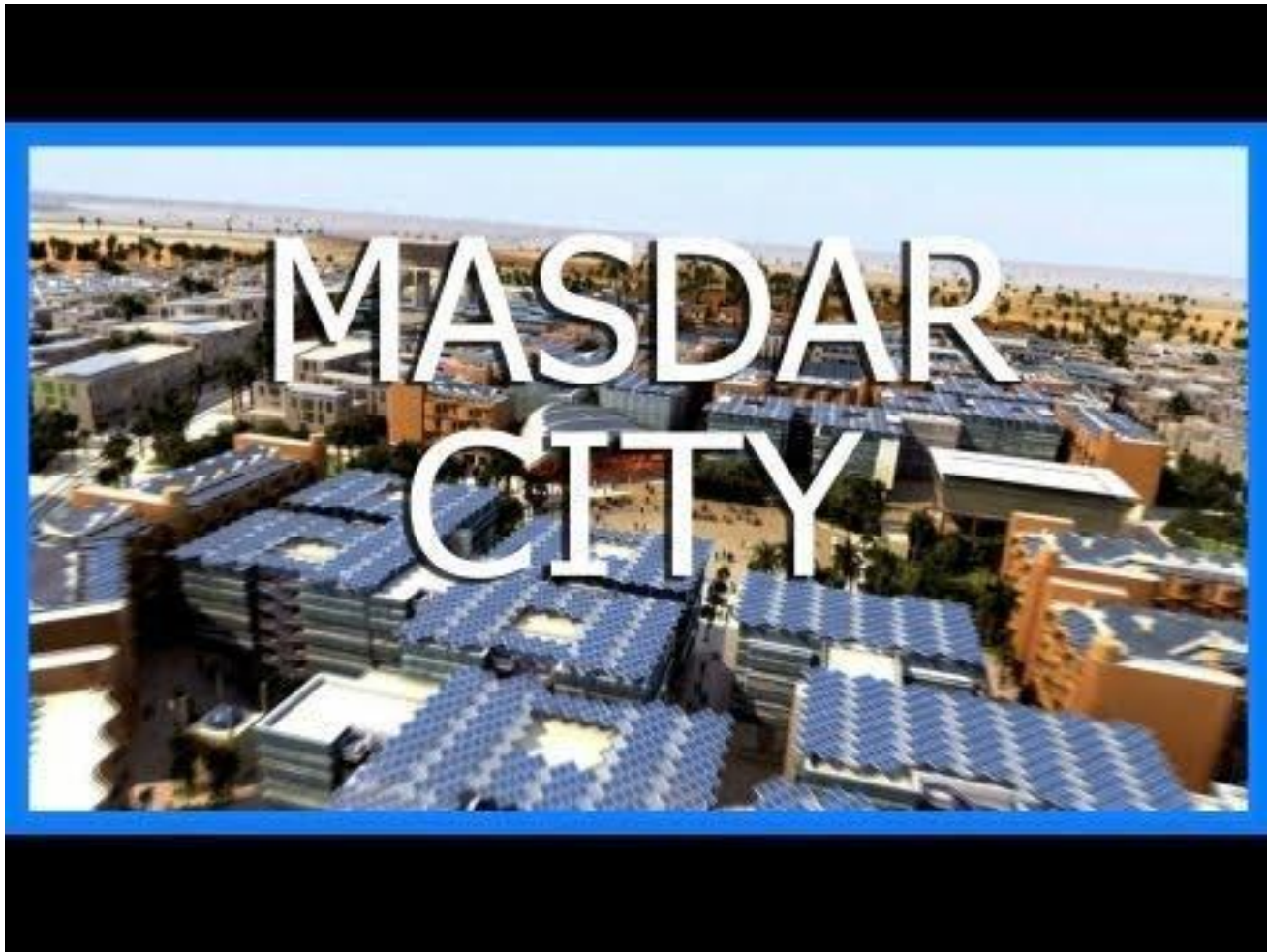
Future Energy



The Response - Cities for People

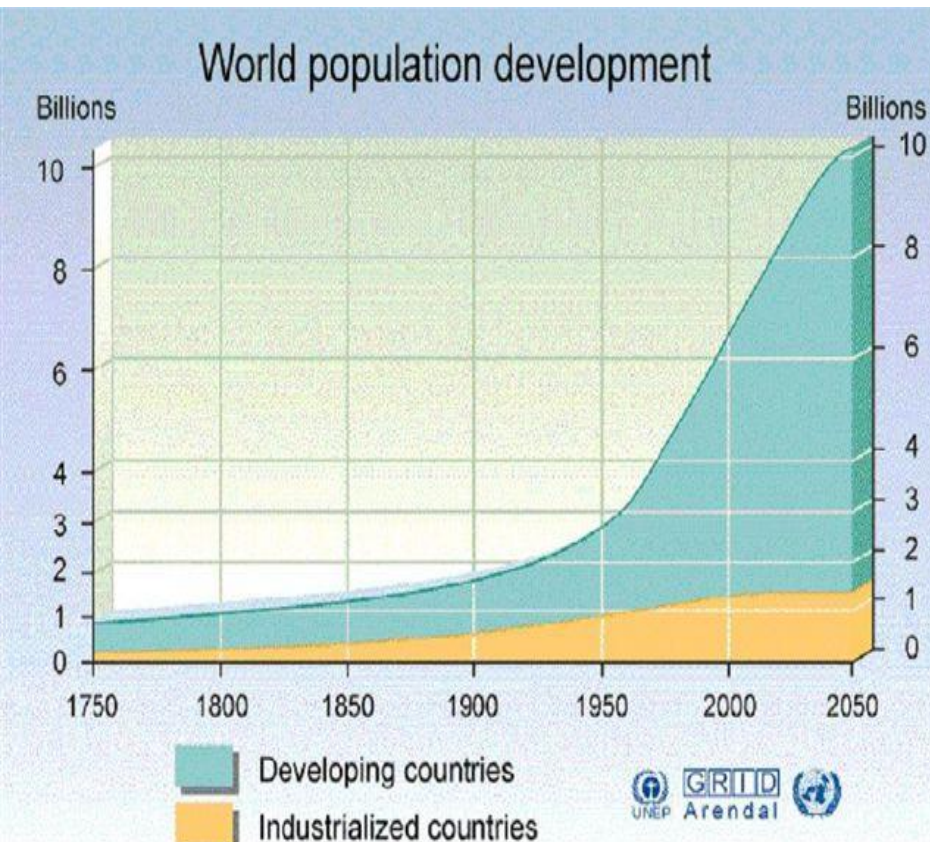


Masdar City



The Response - People and Planet

Ch. 7 - 9

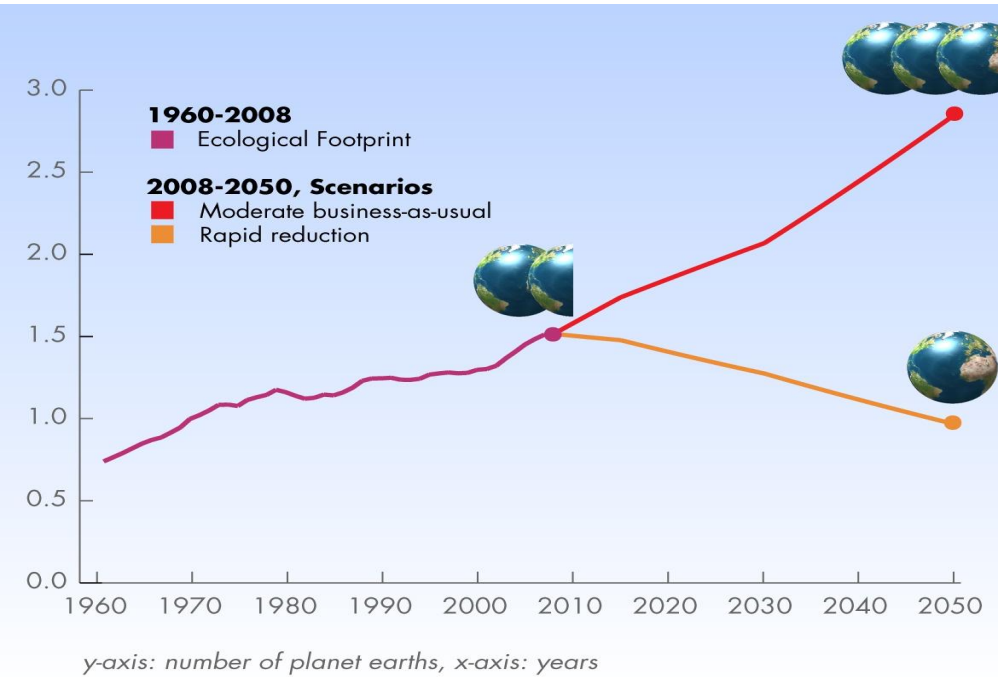


Social Goal	Funding (billion dollars)
Universal primary education	10
Eradication of adult illiteracy	4
School lunch programs for 44 poorest countries	6
Assistance to preschool children and pregnant women in 44 poorest countries	4
Reproductive health and family planning	17
Universal basic health care	33
Closing the condom gap	46
Total	77



The Response - People and Planet

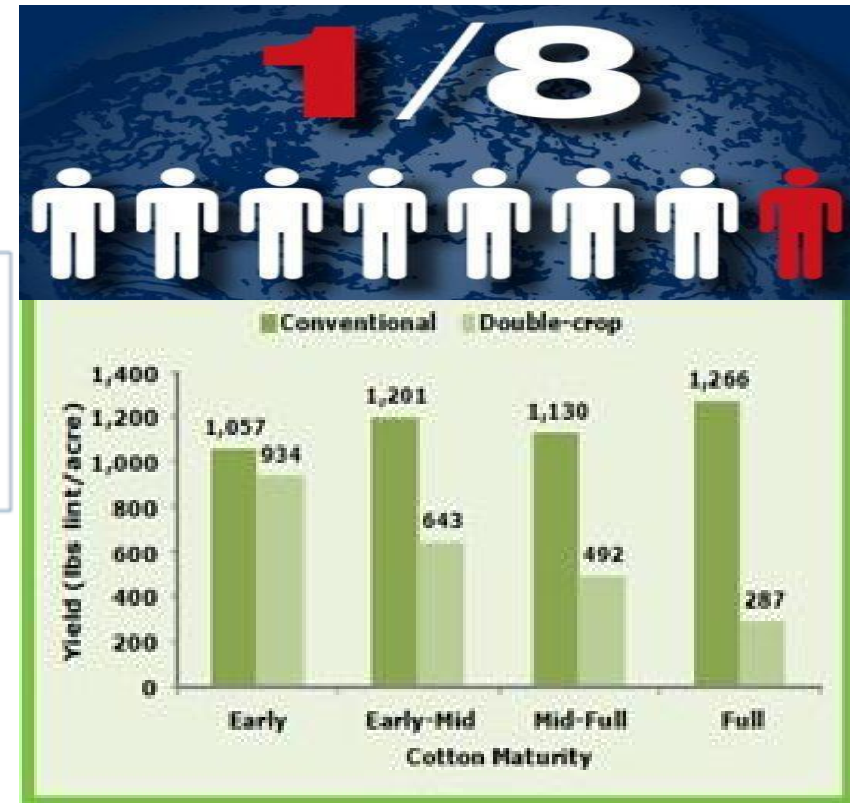
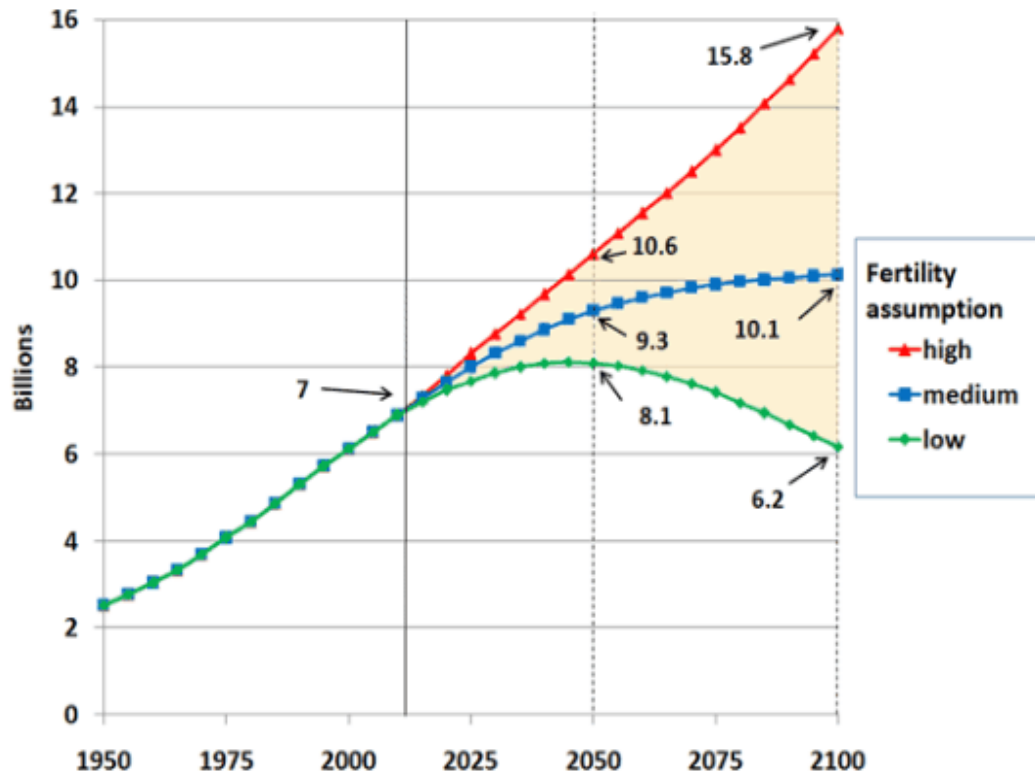
Restoring the Earth



Earth Restoration Goal	Funding (billion dollars)
Planting trees to reduce flooding and conserve soil	6
Planting trees to sequester carbon	17
Protecting topsoil on cropland	24
Restoring rangelands	9
Restoring fisheries	13
Protecting biological diversity	31
Stabilizing water tables	10
Total	110



The Response - People and Planet Feeding Everyone



The world today produces enough **grain alone** to provide every human being on the planet with **3,500 calories a day.**



Helping People - Millennium Development Goals

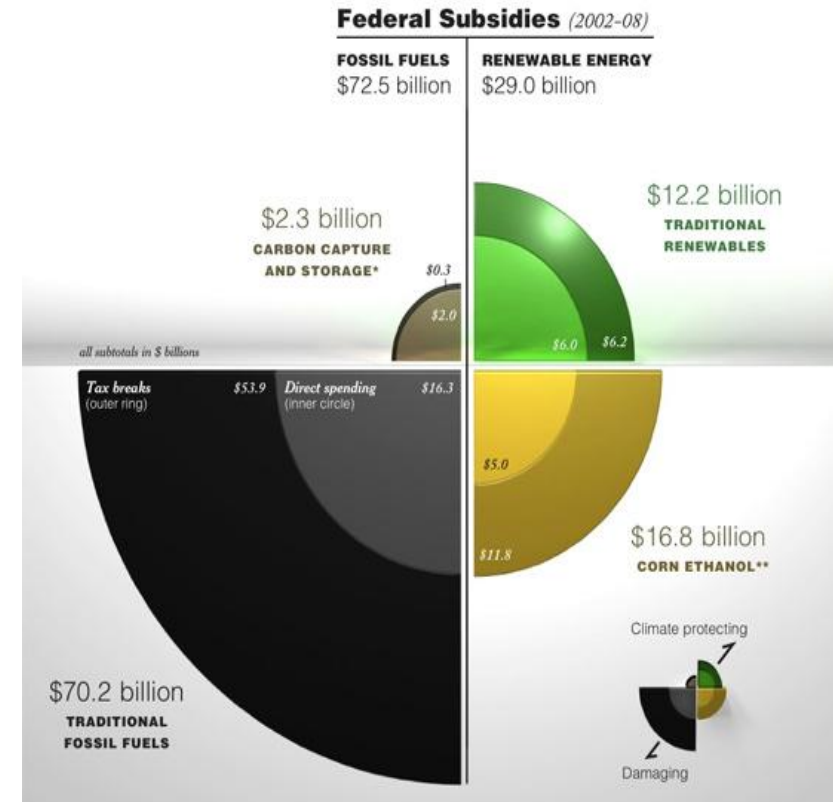


Protecting what we have for the Future



The Response - Mobilizing

Ch. 10



“If we change our thoughts from 'it's too late' to, 'there's still hope', we might see some change in the world.” - Kellie Elimore



We are near the edge, but not
past the 29th Day



Military Budgets by Country and for the World in 2008 and Plan B Budget

Country	Budget (billion dollars)
United States	607
China	85
France	66
United Kingdom	65
Russia	59
Germany	47
Japan	46
Italy	41
Saudi Arabia	38
India	30
All other	380
World Military Expenditure	1,464

Plan B Budget:

\$187 billion dollars

Plan B: **13%** of World
Military Expenditure

Iraq War: **\$642 billion**
Plan: **30%** of the Iraq's
war budget

Source: Lester Brown, Plan B 4.0, 2010



We CAN Achieve our Goals.



A vibrant green illustration of a globe with various eco-friendly symbols like a house, tree, snail, and animals, symbolizing environmental protection. The globe is the central element, showing the continents in white against a green background. Surrounding the globe are several green icons: a small green house with a chimney, a large green leaf, a snail, a giraffe, a zebra, a lion, a penguin, a turtle, a butterfly, and a wind turbine. The background is a bright green with a subtle pattern of circles and a white bird flying in the upper left corner.

Lester Brown

