The Role of Non-governmental Organizations

Nordic-Chinese Energy and Climate Day
Shanghai, June 25, 2010

Barbara Evaeus
Manager Climate Communications
WWF Sweden

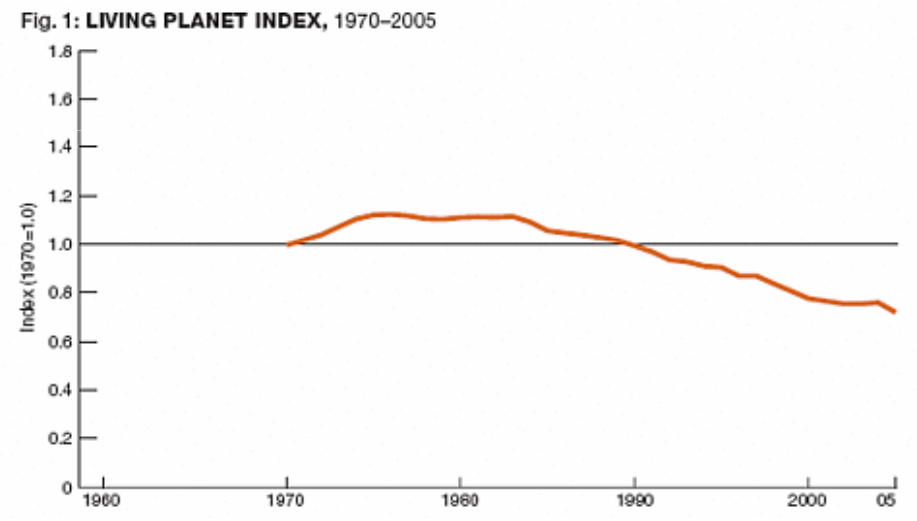
WWF

Mission: To stop the degradation of the planet's natural environment
and
to build a future in which humans live in harmony with nature

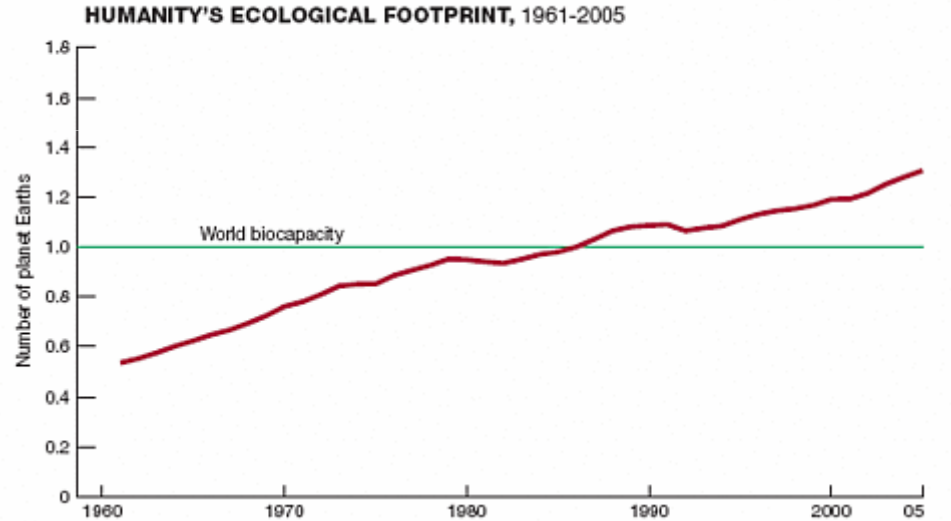
- 50 yrs Experience
- Political independence
- Global presence – 100 countries
- 5 million supporters
- Cooperation - governments, Businesses and local people

Living Planet Index

Biodiversity



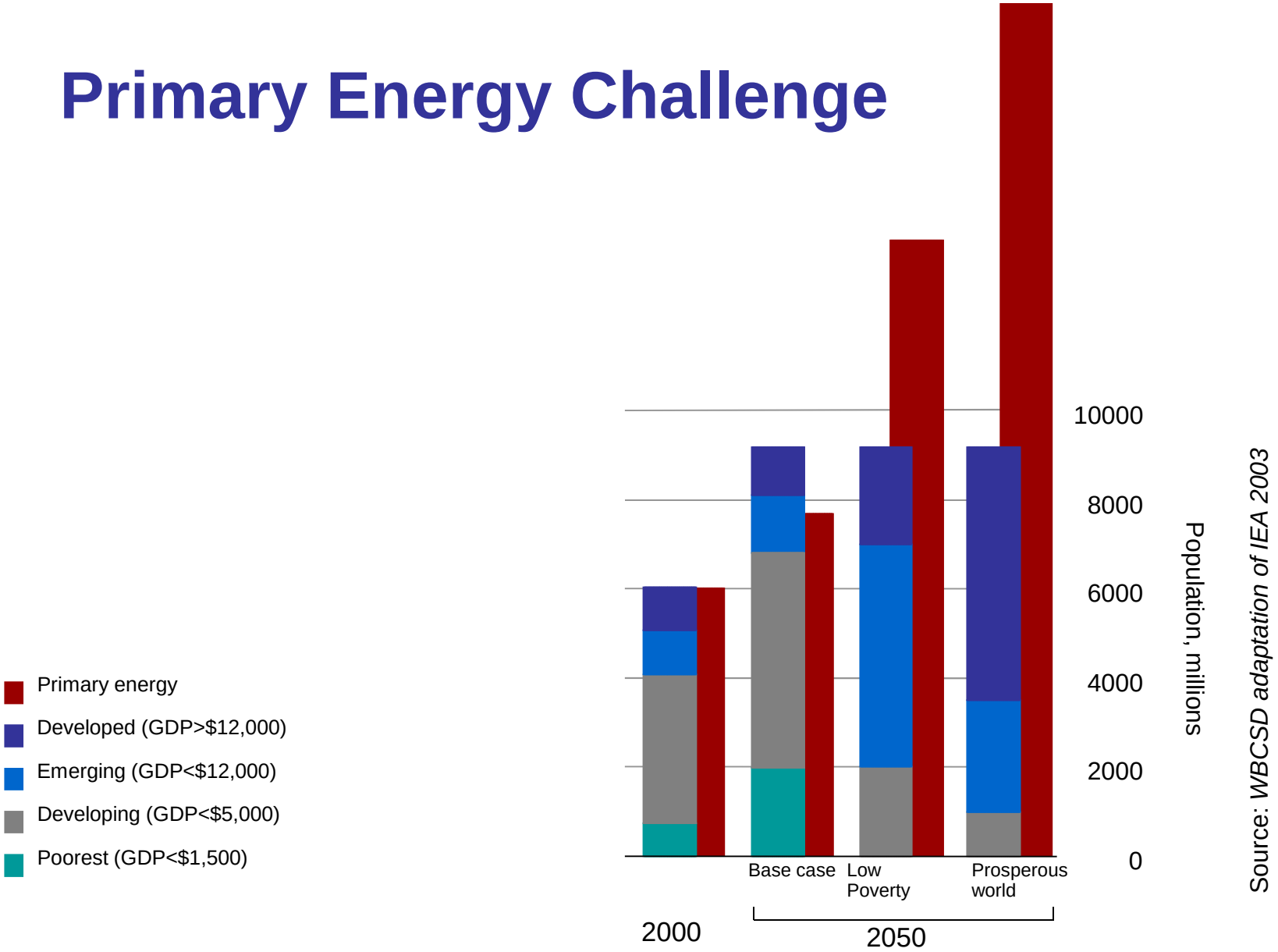
Ecological Footprint



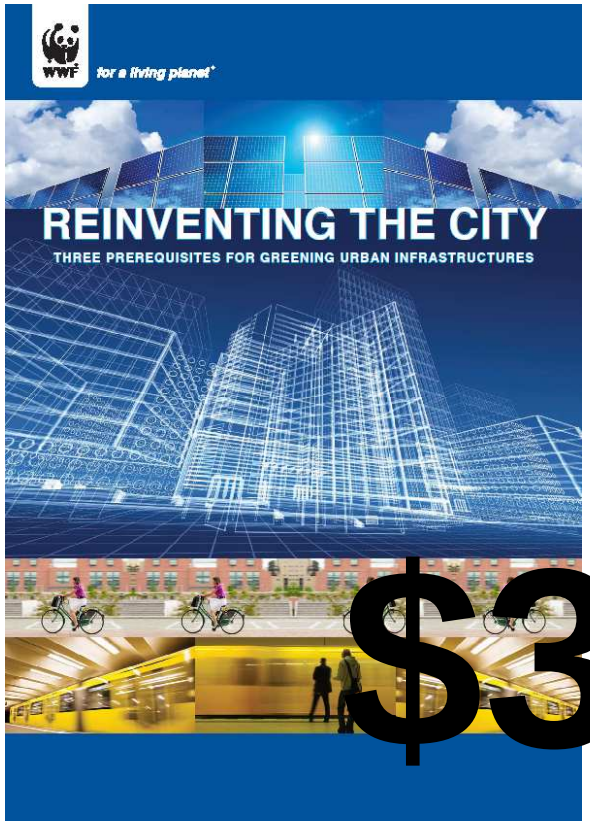
Focus
Climate and Energy

- Avoiding dangerous climate change
- Global justice
- Longterm sustainability

Primary Energy Challenge



Reinventing the City

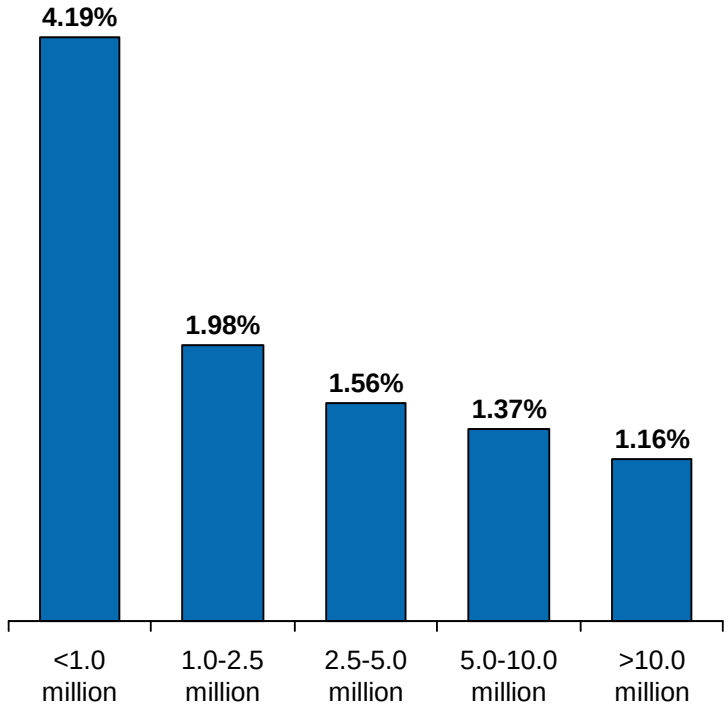


- 70 - 80% current emissions
- 1.7 billion urban population increase

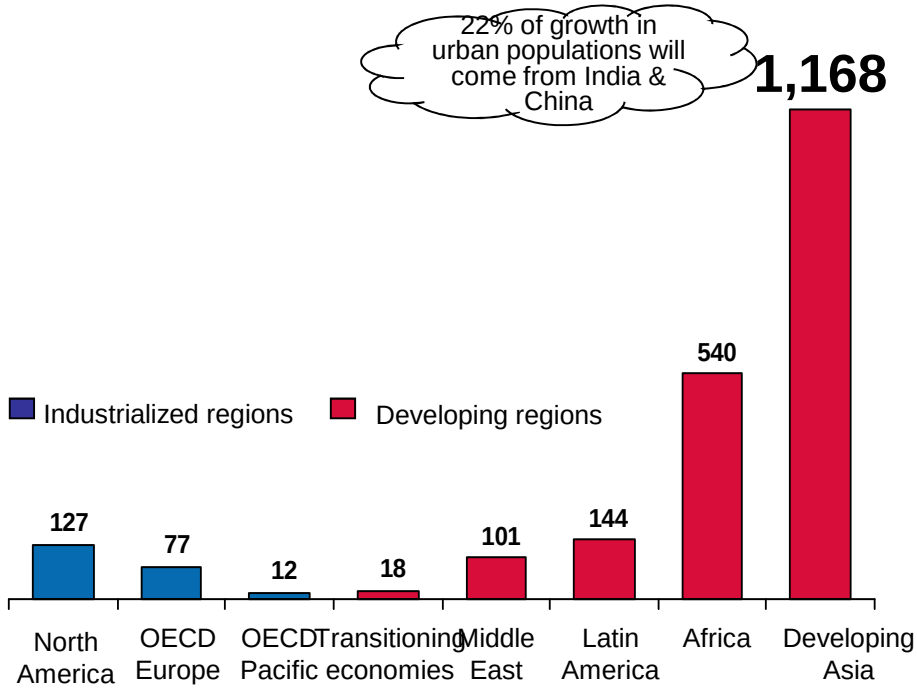
$350 trillion

Small Cities; Less Developed Countries

Urban Population Growth Rates by City Size
(2009-2025)



Additions in Urban Dwellers
(2005-2035, in millions)



Source: U.N. Population Division; Booz & Company analysis

3 Pre-requisites

1. Adopting aggressive energy reduction goals and best-practice approaches to urban planning

2. Developing innovative financing strategies

3. Utilization of the latest technological advances

Climate Innovations

- **Analysis** - Sweden, China, India, EU, Tanzania, Ghana, Kenya
- **Policy** – Ministers of Energy, Environment and Enterprise
- **Innovations** – ICT, Biotech and Climate Solvers

Climate Solver

- Potential - Reductions 20 mt by 2020
- Ambassadors – IRL experience
- Partnerships with the cleantech innovation community
- Evaluations based on climate impact

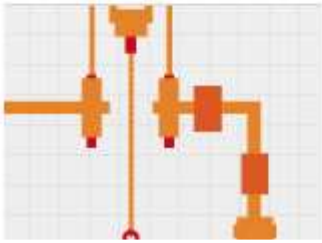
www.climatesolver.org

02
GET A SOLUTION // INNOVATIONS

ALL INNOVATIONS
LIVING
MOVING
SUPPLYING ENERGY
- Absolicon
- Cortus
- Ecoera
- Morphic
- Solvatten
- SRE
- Swedish Biogas
- Vertical Wind

ENABLING

SEARCH



INNOVATION STATUS

Not verified	Verified but not commer-sialised	Start-up phase	Expanding	Global product

RATE INNOVATION

Average	Good	Great
14%	16%	70%

INNOVATION | CLIMATE BENEFITS | NEXT STEPS | THE TEAM

Bio-methane is part of the cycle of nature. The gas is formed when organic matters decompose in an oxygen-free environment. This can take place spontaneously or under controlled, efficient, and industrial conditions in digesters.

Two major environmental problems – over-fertilizing and emissions of greenhouse gases – are addressed by using bio-methane and bio-fertilizer. This results in a complete cycle for nutritive substances, as well as

COMPANY FACTS

NAME
Swedish Biogas International

BUSINESS
Design, Build, Own and Operate bio-methane plants

THE CLIMATE INNOVATION
Leading in the area of systems integration of the complete bio-methane value chain, co-digestion of a wide variety of organic substrates and energy efficiency in the process of bio-methane production

CLIMATE EFFECT
- 90 million tonnes CO_2 emissions per year by 2020*

FOUNDED IN
2005, with access to a global exclusive license agreement to the intellectual properties and experience of the municipal bio-methane company of 1992 in Linköping. Sweden

KEY PERSONS
CEO, Peter Undén

Thank you!

For more information:

- Barbara Evaeus, Manager Climate Communications
  - barbara.evaeus@wwf.se
  - www.climatesolver.org
  - www.panda.org/climate