

# Adaptation and the MDGs

UNEP FI - Nairobi - 15 November 2006

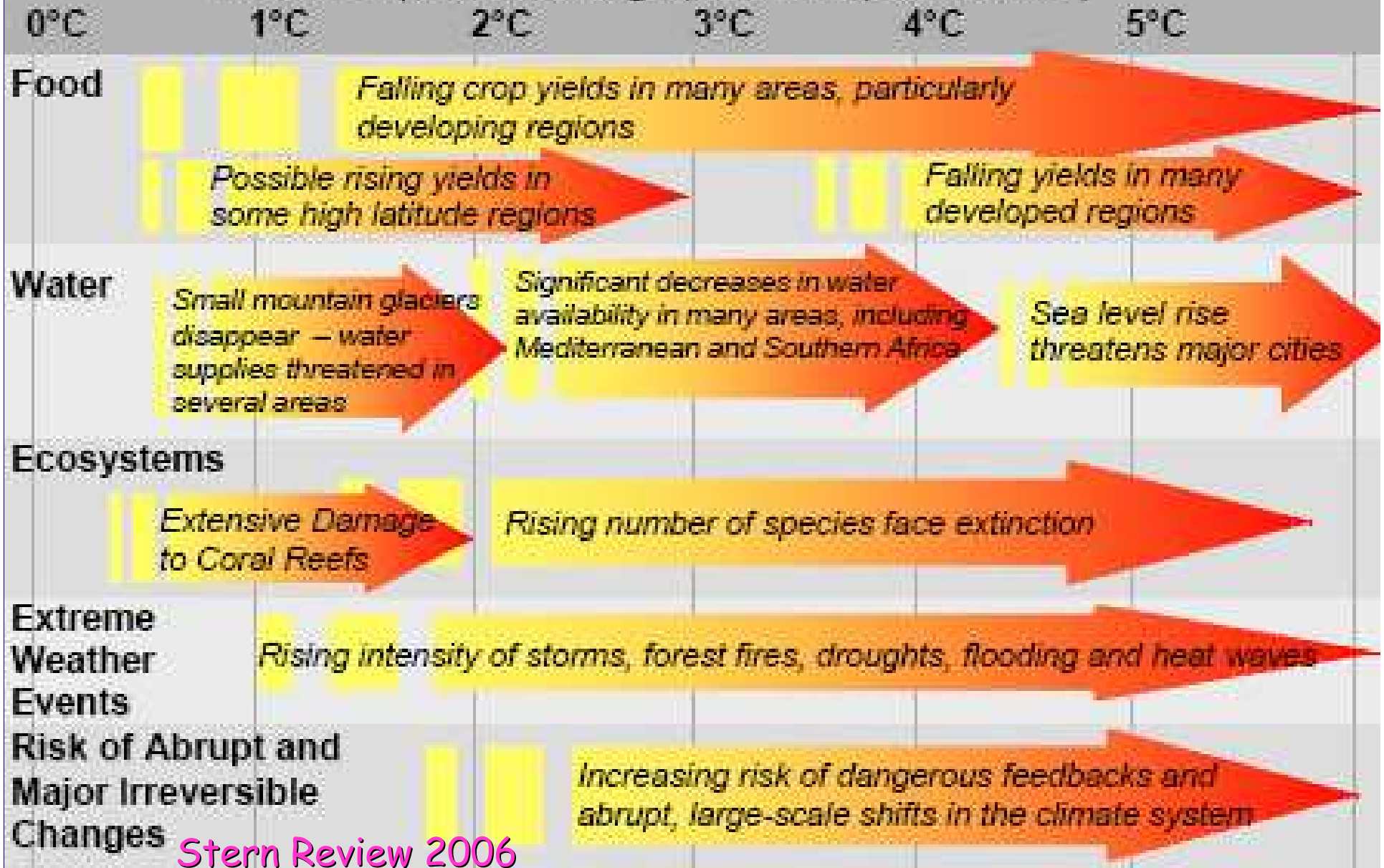


# Key Issues

- ★ Impacts of Climate Change
- ★ Adaptation responses
  - Adapt, develop and apply technology
    - To local conditions and needs
    - Renewable energy Case study
- ★ Vulnerability & capacity to act on Millennium Development Goals
  - Focus on Poverty eradication &
  - Extreme hunger in sub-Saharan Africa
- ★ Challenges ahead

# Projected Impacts of Climate Change

Global temperature change (relative to pre-industrial)



Stern Review 2006

# Impacts of warming on Africa

- ★ Real threat to sub-Saharan Africa
- ★ Major obstacle to poverty reduction
- ★ Vulnerable because of reliance on climate sensitive sectors , such as agriculture
- ★ Drought places food security at risk
- ★ Health under threat, for example
  - Water- related diseases
- ★ Ecosystems particularly vulnerable

# Adaptation

Sustainable development provides the context to envision future development: Diversification, flexibility and human capital come into play

- ★ Millennium Ecosystem Assessment
- ★ Good development practice
- ★ Integrate process of adaptation
- ★ Otherwise, climate risk increases

# Measures to step-up adaptation

- \* Ensuring access to information- c2c
- \* Increase resilience of infrastructure
- \* Improve governance
- \* Empower communities -  $\Delta$
- \* Integrate climate risk and adaptation needs

# Sustainability of development

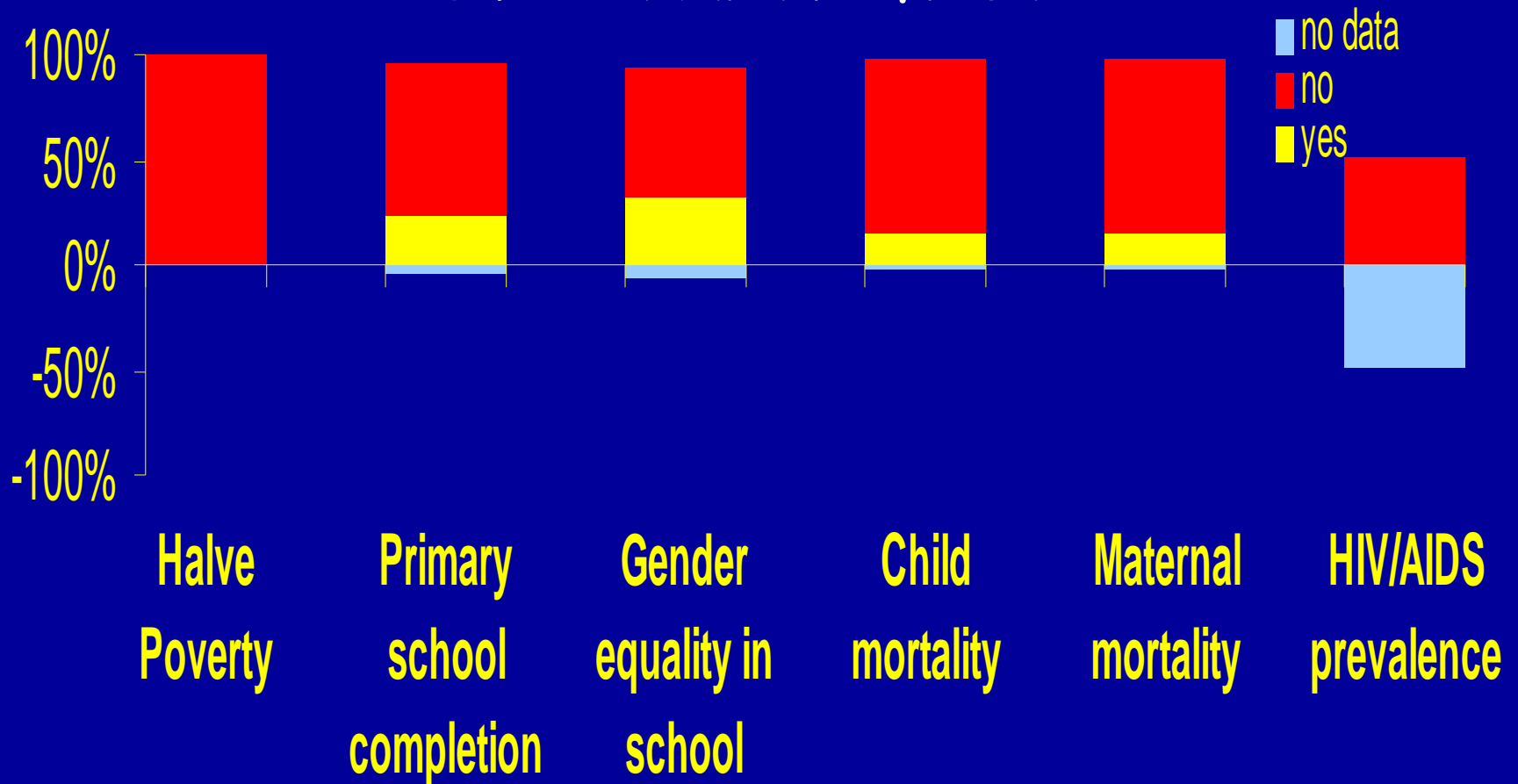
## Millennium Development Goals

- ★ Eradicate extreme poverty and hunger
- ★ Ensure environmental sustainability
  - Reduce by half proportion of people without access to safe drinking water
  - Achieve improvement in lives of slum dwellers
- ★ A global partnership for development
  - Open trade and financial system , with a commitment to good governance

# Completion rate of MDGs by 2015

(by total population in the Sub region)

sub-Saharan Africa





# Challenges ahead for Africa

## Achieving MDGs

- Ability to cope with vulnerability
- Infrastructure delivery
- Improved governance
- Regional co-operation and integration

# Darling wind farm demonstration project

Wind power  
'Clean' energy



# The Darling Wind Farm project: Key stakeholders

A public-private partnership of  
the DME, Central Energy Fund,  
DEAT, DBSA,

DANIDA , GEF & CT Metro

Darling Independent Power  
Producer & BEE entrepreneurs

# Framework for Adaptation

## White Paper on Energy Policy 1998

Current energy supply, based on cheap coal, crude oil and nuclear

### Darling wind farm demonstration project

- ★ Improve energy efficiency
- ★ Encourage renewable energy technologies
- ★ Encourage more players to market = create competitive power market
  - Legal & Regulatory Framework
  - IPPS and PPAs

# Rationale for wind power

## Energy sector

- \* White Paper on Renewable Energy sets target of 10 000 GWh by 2013 mainly from biomass, wind, solar and hydro

## Process

- \* Demonstrate commitment to Framework Convention on CC
- \* Environment: restore
- \* Social -uplifting=jobs and wealth  
BEE equity share holding
- \* Promote innovative renewable energy financing options (GEF & DANIDA)

# Challenges Ahead

- ★ Search for innovative solutions
  - Go beyond business as usual
- ★ Challenges demand boldness
- ★ Acting now on climate change will = development and economic growth
- ★ Help people adapt to Climate change
- ★ Technology = opportunities and risks

# Enkosi!



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