

UNEP Consideration of the cons

United Nations Environment Programme

The defining challenge of our age

- UN Secretary-General Ban Ki-moon and UNEP Executive Director Achim Steiner agree:
 - Climate change is "the defining challenge of our generation".
- It is no longer relevant to discuss whether or not our climate is changing, but rather, how fast changes will occur.





The defining challenge of our age

- UNEP Executive Director Achim Steiner states:
 - We are all part of the solution;
 - Many solutions already exist;
 - Many solutions provide answers to other challenges.
- Costs to limit emissions will be significant, but lower compared to the costs of no action.
- TIME IS RUNNING OUT!





COP15 – Copenhagen December 2009

- UNEP's strategy and climate change programme in no way prejudges the current climate negotiations.
- UNEP will adapt its programme 2010–11 to reflect any future climate agreement.

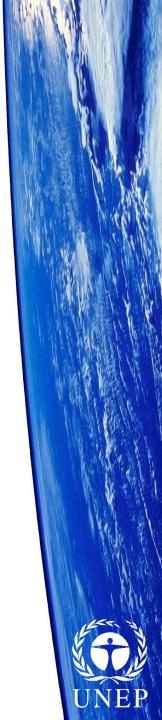




UNEP's long-term commitment to climate change

UNEP:

- Has more than 20 years of experience working on climate change;
- Established the International Panel on Climate Change with the World Meteorological Organization in the 1980s;
- Concentrates efforts of reducing emissions in various ways;
- Works across numerous areas to combat climate change;
- Supports governments, the private sector, and civil society.



Partnership

- UNEP complements its climate change activities by cooperating and expanding existing agreements with other UN agencies addressing climate change internationally, or seeking to do so.
- Examples of such cooperation include:
 - UNFCCC Secretariat
 - UNDP
 - UNICEF
 - FAO-UNDP-UNEP
 - IPCC Secretariat
 - GEF
 - The World Bank



UNEP climate change strategy

Theme 1:

Adapting by building resilience to a changing climate;

Theme 2:

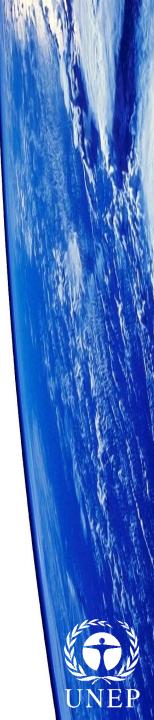
Facilitating a transition towards low carbon societies;

Theme 3:

Improving understanding of climate change science;

Theme 4:

Communicating and raising awareness.



UNEP climate change strategic priorities

To strengthen the ability of countries, particularly developing countries, to integrate climate change responses into national development processes.

Theme 1:

Adapting by building resilience to climate change

Theme 2:

Facilitating a transition towards low carbon societies

Theme 3:

Improving understanding of climate change science

Theme 4:

Communicating and raising awareness

EA (a) **Adaptation**, planning, financing and costeffective preventative actions are increasingly incorporated into national development processes that are supported by scientific information, integrated climate impact assessments and local climate data

EA (b) Countries make sound policy, technology, and investment choices that lead to a reduction in greenhouse gas emissions and potential co benefits, with a focus on clean and renewable energy sources, energy efficiency and energy conservation

EA (e) Country policymakers and negotiators, civil society and the private sector have access to relevant climate change science and information for decision-making

EA (d) Increased carbon sequestration occurs through improved land use, reduced deforestation and land degradation EA (c) Improved
technologies are deployed
and obsolescent
technologies phased out,
financed through private
and public sources including
the CDM and joint
implementation mechanism

Adapting by building resilience to a changing climate EA (a) Adaptation

UNEP's work focuses on:

- Assessing vulnerabilities and adaptation services of ecosystems and helping to integrate findings into national decision-making;
- Promoting ecosystem based-adaptation;
- Helping to strengthen national institutional capacity;
- Helping to strengthen national capacity for undertaking integrated vulnerability and adaptation assessments;
- Supporting countries to integrate adaptation into their national and regional development planning processes;
- Providing technical, analytical and policy support to major climate change financing mechanisms.



Adapting by building resilience to a changing climate EA (a) Adaptation - EXAMPLE

Climate Change and Development – Adapting by REducing vulnerability Programme (CC-DARE)

As a UNEP-UNDP Initiative, the **CC-DARE** Programme supports Sub-Saharan African countries in integrating climate change adaptation into development frameworks.

CC-DARE is:

- supporting the Ministry of Finance in Senegal to integrate climate change into consideration in the Public Budgeting System;
- working with a Ugandan NGO to develop Education and Awareness materials for public broadcasting;
- working with the Tanzanian Environment and Meteorological Agency to integrate Indigenous Forecasting Tools with Conventional Forecasting to improve weather prediction;
- working with an educational NGO in Benin and the Ministry of Education to incorporate climate change issues into the secondary school curriculum.



Adapting by building resilience to a changing climate EA (d) Land-use change and REDD

- UNEP's work focuses on:
 - Mapping and assessing land use change, biodiversity, forest loss and carbon stocks, and associated capacity building;
 - Developing and testing tools for examining and modeling greenhouse gas emissions and carbon stocks from deforestation, land use change, forest and land cover degradation;
 - Helping countries to strengthen legal, regulatory and institutional frameworks governing land use and forestry;
 - Supporting REDD readiness in developing countries;
 - Organizing and facilitating major groups working on LULUCF and REDD to share experiences and develop common views on processes.



Adapting by building resilience to a changing climate EA (d) Land-use change and REDD - EXAMPLE



http://www.un-redd.org

Reducing emissions from deforestation and degradation:

- A collaborative programme with UNDP and FAO, implemented in coordination with the UNFCCC Secretariat and the World Bank Forest Carbon Partnership Facility.
- Nine pilot governments are implementing national REDD strategies and mechanisms: Bolivia, Democratic Republic of Congo, Indonesia, Panama, Papua New Guinea, Paraguay, Tanzania, Vietnam, and Zambia.

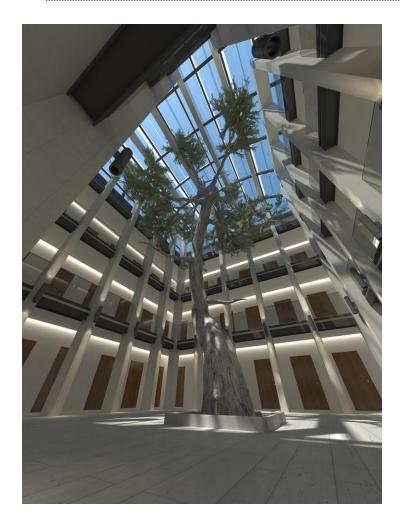


Facilitating a transition towards low carbon societies EA (b) Mitigation technology

- UNEP's work focuses on:
 - Supporting countries to undertake technical and economic renewable energy assessments to support their decisions;
 - Supporting the development of national climate technology plans to promote markets for cleaner energy technologies;
 - Establishing and supporting knowledge networks to inform and support key stakeholders;
 - Undertaking and promoting the use of macro-economic and sectoral analysis of the costs and benefits of different policy options;
 - Developing sustainability criteria for different types of biofuels;
 - Promoting public/private partnerships.



Facilitating a transition towards low carbon societies EA (b) Mitigation technology - EXAMPLE



Green Buildings Initiative:

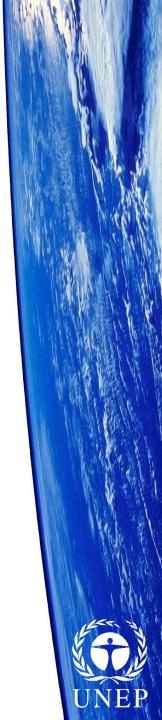
- In partnership with the private sector UNEP promotes the worldwide adoption of sustainable building and construction practices.
- The current main focus of SBCI is to enable the building sector to respond to the climate change challenge. The building sector has the largest contribution to GHG emissions through energy use during construction and in particular during the use of buildings.



Facilitating a transition towards low carbon societies EA (c) Mitigation finance

UNEP's work focuses on:

- Helping developing countries access the CDM. UNEP developed a major CDM programme, providing technical assistance to developing countries. The UNEP Risø Centre operates the most authoritative global source of information on CDM Transactions jointly with the UNFCCC secretariat;
- Undertaking technical and economic analyses of clean energy technologies to help remove barriers to financing;
- Helping financial institutions in developing countries create dedicated clean energy funds and advising national and local banks about lending programmes for renewable energy products in developing countries;
- Creating and supporting professional networks and related initiatives for banks, insurers, pension funds and other financial institutions interested in supporting low-GHG investments.



Facilitating a transition towards low carbon societies EA (c) Mitigation finance - EXAMPLE



Indian Solar Loan Programme:

- UNEP partnered with two of India's largest banks to finance more than 20,000 solar lighting systems.
- The activity prompted 20 other Indian banks to develop similar credit programmes.

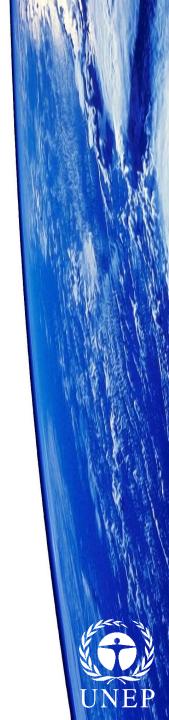
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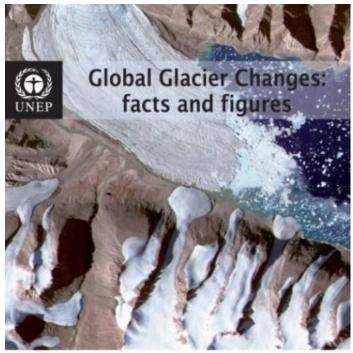
Improving understanding of climate change science EA (e) Science

UNEP's work focuses on:

- Undertaking science-based assessment to increase awareness of climate change and its impacts, and promoting integration of climate change into policy making;
- Implementing capacity building programmes to help countries customize climate change data and scenarios to their needs in order to strengthen climate change policy planning;
- Providing technical support and training for climate change negotiators and stakeholders;
- Providing advisory and support services to major groups to demonstrate how climate change can be integrated into their activities.



Improving understanding of climate change science EA (e) Science - EXAMPLE









Global Glacier Changes - Facts and Figures:

- The publication is a report presenting the latest data on fluctuations of glaciers and ice caps – it is available for download online.
- UNEP, with the World Glacier Monitoring Service, released the report at the 20th anniversary of the IPCC in 2008.



Communicating and raising awareness EA (e) Information

- UNEP has been given the UN system lead for climate change outreach.
- UNEP's work focuses on:
 - Developing strategic communications with the UNFCCC to convey a sense of urgency in dealing with climate change;
 - Using media and outreach activities to help deliver key messages on climate change to the media and other target groups;
 - Helping communicate successful climate change programmes to key stakeholders to promote replication of best practices;
 - Conducting awareness raising, outreach, education and training for Major Stakeholders;
 - Hosting events, awards ceremonies and recognition programmes to encourage innovation and participation.



Communicating and raising awareness EA (e) Information - EXAMPLES

Targeted campaigns and events:

Seal the Deal!, Billion Tree Campaign, Climate Neutral Network, World Environment Day, Paint for the Planet

Publications:

Kick the Habit: A UN Guide to Climate Neutrality (2008), Ting and the Possible Futures (2008)

Websites:

Seal the Deal! (www.sealthedeal2009.org)

UNite to Combat Climate Change (www.unep.org/UNite)

Climate Neutral Network (www.climateneutral.unep.org)













UNEP's Climate Change Website

To order or download UNEP's Climate Change Strategy brochure please go to:

UNEP's Climate Neutral Network

tp://http://www.unep.org/climateneutral

Unite to Combat Climate Change

www.unep.org/UNite

Seal the Deal! – Global climate change campaign

Further readings:

UNEP and Partners: United to Combat Climate Change

Global Glacier Changes: Facts and Figures

All UNEP publications can be found under: http://www.unep.org/publications or e-mail:

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