



# Nairobi Work Programme eUpdate

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## The second phase gains momentum

United Nations Framework Convention on Climate Change

UNFCCC

THE NAIROBI WORK PROGRAMME  
THE SECOND PHASE



Since the start of the second phase in June 2008, the Nairobi work programme continues to gain momentum. The Programme now has over [130 partner organizations](#). This includes a number of private sector businesses who are the first to join the secretariat's "Adaptation Private Sector Initiative" (p4).

The implementation of the programme continues to be structured around the two thematic areas: "Impacts and vulnerability" and "Adaptation planning, measures and actions", and its [nine areas of work](#).

To date, twenty two partner organizations have provided a total of 63 [Action Pledges](#) to the programme, with six organizations also having provided updates of their work towards implementing these pledges (p5).

For consideration at the Poznan Climate Change Talks, the secretariat was mandated to produce two technical papers and a number of reports to provide updates on implementation of the Programme. These papers and reports are an extremely important means of communicating information to Parties so as to assist their deliberations on adaptation action under the Convention (p8).

For our Nairobi work programme partners and those organizations, institutions and private businesses interested in the Programme, two new publications, recently published by the secretariat, provide easy to read information on the work of the Nairobi work programme (p8).

[The brochure](#) - "Nairobi work programme: the second phase"

[The leaflet](#) - "Nairobi work programme on impacts, vulnerability and adaptation to climate change – Overview"

The secretariat can provide printed copies of the brochure and leaflet on request, which can also be downloaded from the [Publications](#) section of the website. Nairobi work programme focal points are encouraged to distribute the leaflet to colleagues near and far to spread the reach of the Nairobi work programme to all interested entities.

### The programme's nine areas of work:

1. [Methods and tools](#)
2. [Data and observations](#)
3. [Climate modelling, scenarios and downscaling](#)
4. [Climate related risks and extreme events](#)
5. [Socio-economic information](#)
6. [Adaptation planning and practices](#)
7. [Research](#)
8. [Technologies for adaptation](#)
9. [Economic diversification](#)

The first phase of the Nairobi work programme (2006-June 2008) provided a solid basis on which to base the activities and expected outputs of the second phase (June 2008-December 2010).

Organizations and institutions, including partners, that have national and regional representation are encouraged to develop specific activities at the national and regional level, including education, training and awareness-raising, in support of the Nairobi work programme, and to make information on the results achieved available to the SBSTA, via the secretariat, for its consideration.

Gaps and needs on adaptation identified in the Programme's workshops and expert meetings are summarized in the [Calls for Action](#). Seven Calls for Action are now available covering six work areas. Organizations may use these Calls for Action to identify action in support of the programme. The latest Call for Action was developed following responses at the [workshop](#) on climate modelling, scenarios and downscaling, 7 June 2008, Bonn. This Call for Action will be considered for endorsement by Parties at SBSTA 29, Poznan, Poland.

During the second phase of the programme, a number of technical workshops are planned including under the work areas of [adaptation planning and practices](#), [socio-economic information](#), and [economic diversification](#) as well as a workshop covering the work areas: [methods and tools](#); [data and observations](#); and [climate modelling, scenarios and downscaling](#). Partners are encouraged to contact us if they are interested in contributing to any of these workshops. Details of the workshops will be posted on the Nairobi work programme [Calendar](#) as soon as they become available.

The secretariat continues to update its adaptation resources on the UNFCCC webpages (p9). This includes the adaptation practices interface under the Nairobi work programme. Further resources include the [Local Coping Strategies database](#) and the just published [Adaptation Funding Interface](#), mandated under the SBI. Partners are encouraged to use and provide updates and comments on all resources.

#### **First phase summary:**

A [summary](#) is available of the results of the implementation of the Nairobi work programme up to June 2008.  
FCCC/SBSTA/2008/12

## Adaptation private sector initiative



The impacts of climate change are already being felt by a large number of societies. The effects these impacts may have on a range of sectors including agriculture and food supply, freshwater reserves, human settlements, infrastructure and tourism are already being incorporated into the business strategies of forward-looking international companies.

The secretariat has begun the [Adaptation Private Sector Initiative](#) in line with the renewed mandate for the engagement of private sector companies provided by the SBSTA (see SBSTA 28 [Report](#), FCCC/SBSTA/2008/6 para 26).

The aims of the initiative are:

- to support the work of the private sector in advancing its own activities and strategies on adaptation to climate change;
- to bring the full weight of the private sector's work on corporate social responsibility to bear on the issue of climate change adaptation;
- to draw on the private sector's ability to deliver new and innovative technological and financial solutions to climate change adaptation.

As part of the Adaptation Private Sector Initiative, the secretariat is showcasing information on climate change adaptation carried out by private companies. Companies are invited to add to this online inventory by highlighting work being done either as part of core business strategy and as part of Corporate Social Responsibility (CSR).

Private sector partners are invited to capitalize on the main deliverables of the work programme, such as technical papers, outreach publications and online resources.

So far, over a dozen leading international companies have joined the initiative. Activities carried out by these companies cover a variety of businesses and sectors including the insurance industry, consultancies, environmental management, infrastructure and transportation sector, water sector and financial sector. Of these companies, a number are currently preparing action pledges.

### Join the initiative

Companies interested in joining the Private Sector Initiative or interested in drawing on the Nairobi work programme as a catalyst for knowledge exchange for adaptation action

Please contact

[nwp@unfccc.int](mailto:nwp@unfccc.int) or  
[mschoenberg@unfccc.int](mailto:mschoenberg@unfccc.int)

## From Action Pledges to Action

To date, 63 [Action Pledges](#) have been received by the secretariat from 22 partner organizations. Seven partners have provided new action pledges\* since the July eUpdate. Six organizations have provided updates on implementation of their Pledges.


### Pledge Action

The Nairobi work programme encourages all stakeholders to pledge action, taken on their own initiative, that can engage with and enhance the work of the programme.

Information to help submit a pledge is available from the [Action Pledges webpage](#).

Please continue to provide the secretariat with action pledges and updates. Contact

[nwp@unfccc.int](mailto:nwp@unfccc.int)

 Action pledge to the Nairobi Work Programme	
Name of the project	Climate information, products, and services for adaptation
Overall objectives	<ul style="list-style-type: none"> <li>Contribution to NWP activities related to "Methods and tools"; "Adaptation practices and planning"; and "Research and technologies for adaptation";</li> <li>Contribution to calls for action: "Raise awareness on adaptation actions at international and regional levels in order to help facilitate coordination #17"; "Improve and Disseminate risk assessment tools and methods for addressing climate change-related health risks #17"; and "Development of user-targeted products and services for adaptation" (see #10/2008).</li> </ul>
Project purpose	<ul style="list-style-type: none"> <li>To bring together climate and sectoral experts from international, regional and national institutions to identify and understand the needs of core socio-economic sectors for climate risk management and adaptation at various levels;</li> <li>To develop and to optimize application of user-targeted climate information, products and services for climate risk management and adaptation;</li> <li>To build technical capacity for development and application of climate services of national climate experts and user communities, particularly in developing and least developed countries.</li> </ul>
Activities	<ul style="list-style-type: none"> <li>Finance and/or co-sponsor multisectoral expert meetings, conferences and workshops (climate and health, energy, tourism, urban planning, etc.) including (for 2008):           <ul style="list-style-type: none"> <li>WMO CCI Expert Teams</li> <li>Climate and Tourism (Osaka, Canada, 16-21 Nov 2008)</li> <li>Urban and Building Climatology (Geneva, Switzerland, 28-29 July 2009)</li> <li>18<sup>th</sup> International Congress of Biometeorology (Tokyo, Japan, 22-29 September 2009)</li> </ul> </li> <li>Publish best Guidance documents for capacity building and awareness of NMDs and sectoral user-groups including (2008-09):           <ul style="list-style-type: none"> <li>WMO WHO Guidance on Heat Health Warning Systems</li> <li>WMO Technical Note on Building Climatology</li> <li>WMO Technical Note on Socio-economic Benefits of Climate Services</li> <li>UNWTO UNEP WMO Climate Change and tourism: responding to Global Challenges</li> <li>WMO Best Practices for RCOF operations, verification and user banks</li> </ul> </li> <li>Coordinate and promote sessions of RCOFs including those for the Greater Horn of Africa (GHACOP), Southern Africa (SACOP), Western Africa (WASACOP), Western Coast of South America (WCSACOP), Asia (FOCRAT) and other new RCOFs.</li> </ul>

	No. of pledges	Update received
*Water Center for the Humid Tropics of Latin America and the Caribbean	1	
*Center for International Forestry Research	1	
Food and Agriculture Organization of the United Nations	6	Yes
Global Land Ice Measurements from Space	1	
*Ibero-American Network of Climate Change Offices	18	
Institute of Development Studies	1	
Institute for Social and Environmental Transition	1	
*Intergovernmental Oceanographic Commission	2	
Intergovernmental Panel on Climate Change	3	
International Institute for Applied Systems Analysis	1	
Local Initiatives for Biodiversity, Research and Development	3	Yes
Office of Agricultural Risk, Argentina	1	Yes
Oxford University Center for the Environment	1	
Practical Action	1	Yes
global change SysTem for Analysis, Research and Training	9	
Stockholm Environment Institute	1	
*United Nations Development Programme	3	
*United Nations Environment Programme	1	
United Nations Environment Programme GRID-Arendal	2	Yes
*World Food Programme	3	Yes
World Health Organization	1	
World Meteorological Organization	2	



Updates on action pledges received by the secretariat are included in the progress [report](#), FCCC/SBSTA/2008/INF.5, which will be shared with Parties at the Poznan Climate Change Talks 2008.

Updates are also available from the [Action Pledges webpages](#) and summarized below.

### **Food and Agriculture Organization of the United Nations**

Developing methods and tools relating to agro-climatology:

- AgroMetShell (food security early warning software packages) - **New tools have been developed**
- RADAR (Rapid Agricultural Disaster Assessment Routine) - **In pilot phase**

Farm Adaptive Dynamic Optimization (FADO) - **In development phase**

Assisting Nigeria to assess adaptation requirements in the agriculture sector - **Project well under way**



### **Local Initiatives for Biodiversity, Research and Development**

Non-governmental organizations group in Nepal - **Group active, number of member organizations increased**

Capacity Strengthening of Least Developed Countries for Adaptation to Climate Change (CLACC) - **Fellowship programme well underway**

Publication of bulletin - **Bulletins produced and distributed. Reader panel established**

### **Office of Agricultural Risk, Argentina**

Developing and disseminating tools for assessment and reduction of agricultural risk - **Development of tools in progress. Results online**

### **Practical Action**

Documenting and publishing experiences from work on community-based adaptation in South Asia - **Book to be published in early 2009**

Producing and disseminating audiovisual material - **Work ongoing**

Using participatory video to help capture local knowledge - **Project in development phase**

Continuing projects to establish best practice - **Proposal under development**

Developing an analytical framework to guide planning and analysis of adaptation - **Framework in advanced draft state**

### **UNEP GRID-Arendal**

Many Strong Voices: adaptation in the Arctic and small island developing States - **Network being expanded. Events, workshops and multiple projects planned**

### **World Food Programme**

Responding to climate-related emergencies - **Numerous operations carried out worldwide. Preparedness and response mechanisms continuously being improved. Wide range of activities carried out.**

Scaling up local and community-based projects to reduce vulnerability - **Preparedness for risk of hunger improved. Resilience and adaptive capacity of households and communities increased. Information sources updated.**

Providing global public goods for adaptation - **Countries and regional organizations successfully involved. Early warning and disaster risk management capabilities improved**

**THE NAIROBI WORK PROGRAMME**

## AN OVERVIEW

## WHAT IS THE NAIROBI WORK PROGRAMME?

The Nairobi work programme is a five-year programme established in 2005. Its aim is to assist countries which are party to the UNFCCC, particularly those that are developing countries, including the least developed countries and small island developing States, to:

- Improve their understanding and assessment of impacts, vulnerability and adaptation to climate change; and
- Make informed decisions on practical adaptation actions and measures to respond to climate change on a sound scientific, technical, and socio-economic basis, taking into account current and future climate change and variability.

## WHAT ARE THE PROGRAMME'S OBJECTIVES?

The programme aims to achieve the following objectives:

- Improve capacity at international, regional, national, central and local levels to further identify and understand impacts, vulnerability, and adaptive responses, in order to effectively select and implement practical, efficient and high priority adaptation actions;
- Enhance and improve the level and amount of information and advice on the scientific, technical and socio-economic aspects of impacts, vulnerability and adaptation;
- Enhance the degree of dissemination and utilization of knowledge from practical adaptation activities;
- Enhance co-operation among Parties, relevant organizations, business, civil society and decision makers, aimed at advancing their ability to manage climate change risks;
- Enhance the integration of adaptation into sustainable development plans.



## Publications, technical papers and reports

### Publications

- The Nairobi work programme: the second phase, November 2008
- The Nairobi work programme on impacts, vulnerability and adaptation to climate change - Overview, November 2008

### Technical papers

- Physical and socio-economic trends in climate-related risks and extreme events in the context of their implications for sustainable development.
- Integrating practices, tools and systems for climate risk assessment and management and disaster risk reduction strategies into national policies and programmes.

### Reports on implementation

- Summary report on the first phase of the Nairobi work programme (activities up to SBSTA 28)
- Report on lessons learned in involving experts in the implementation of the Nairobi work programme
- Progress report of activities in the second phase up to SBSTA 29 (to include information on progress made by partner organizations on action pledges)
- Report on the workshop on climate modelling, scenarios and downscaling, 7 June 2008, Bonn and production of a Call for Action from this workshop.



## Adaptation Resources on the UNFCCC website



The initial adaptation practices interface mandated by SBSTA 25 and produced in June 2008 has been given a face lift. The new-look [adaptation practices interface](#) contains over 120 entries containing information on adaptation practices carried out by organizations, research institutes, NGOs and governmental organizations worldwide as well as key publications, adaptation strategies and databases associated with these adaptation projects. Information can be filtered according to type of organizations, regional focus, work focus (such as sectoral criteria) and means of delivery.

Partners are strongly encouraged to update the secretariat on any suggested changes to their entry on the interface or of any new adaptation practices. A [webform](#) is available online for submissions of updates and new contributions. Send to [nwp@unfccc.int](mailto:nwp@unfccc.int).

An interface on [adaptation funding](#) options has recently joined the growing family of online products offered by the secretariat.

Further existing resources on the UNFCCC adaptation webpages include the [Local Coping Strategies](#) database, which provides coping mechanisms for communities that have adapted to specific hazards or climatic conditions. These mechanisms may be transferred to communities that may just be starting to experience similar climatic conditions as a result of climate change.

The [Compendium](#) on methods and tools to evaluate impacts of vulnerability and adaptation to climate change provides information on available frameworks, methods and tools, and their special features. The secretariat is in the process of updating and streamlining the compendium.

The [Calls for Action](#) identify the gaps and needs on adaptation for each area of work under the Nairobi work programme.

For partners working in Least Developed Countries (LDCs), the LDCs' National Adaptation Programmes of Action (NAPA) may provide a useful resource on which to base adaptation action. The secretariat is upgrading its web pages on LDCs to provide easily accessible information on NAPAs, including an index of NAPA projects by country and by sector, and downloadable files of projects for each country and for each sector. This information will be available in December at [www.unfccc.int/lcdc](http://www.unfccc.int/lcdc).

United Nations Framework Convention on Climate Change

**CALL FOR ACTION**

**NAIROBI WORK PROGRAMME ON IMPACTS, VULNERABILITY AND ADAPTATION TO CLIMATE CHANGE**

Promoting the development and dissemination of methods and tools for assessment and improvement of adaptation planning, measures and actions, and integration with sustainable development

Collecting, analysing and disseminating information on past and current practical adaptation actions and measures, including adaptation projects, short- and long-term adaptation strategies, and local and indigenous knowledge

**GAPNED TO WHICH ACTION IS RESPONDING**

There is a requirement for enhanced integration of adaptation into development and budgetary planning and policies across subnational, national regional and international levels. There is a need for more targeted research and better communication between users and providers of data and information aimed at identifying and assessing practical adaptation options, including their costs, benefits and possible trade-offs, and enhanced engagement of the private sector in adaptation.

However, adaptation has specific constraints at the various levels. For example, for adaptation to be successful at the subnational level, adaptation planning needs to address the local needs identified by communities by taking participatory approaches that emphasize an existing top-down efforts to implement national strategy and action plans. At the national level, the involvement of all relevant ministries and agencies, national institutions and the private sector is essential for defining, implementing and evaluating adaptation plans. At regional and international levels, coordination is necessary in the areas of assessment, strategy, activities and funding to enhance efficiency and effectiveness of adaptation. However, coordination and integration at the international and regional levels should only be sought when it adds value to national or subnational adaptation activities.

A conceptual framework for adaptation is needed that would assist in identifying the range of available adaptation practices while at the same time providing the flexibility and exchange of practices in more clearly emerging regarding the level of change or impacts to which different sectors and levels need to adapt.

**NAIROBI WORK PROGRAMME OBJECTIVE**

To assist all Parties, in particular developing countries including the least developed countries and small island developing States, to improve their understanding and assessment of impacts, vulnerability and adaptation, and to make informed decisions on practical adaptation actions and measures to respond to climate change on a sectoral, scientific, technical and assessment basis, taking into account current and future climate change and variability.

Call for Action 10 - June 2008  
<http://unfccc.int/2003.php>  
Please action or tell us about related work: [nwp@unfccc.int](mailto:nwp@unfccc.int)

## Coming up at the Poznan Climate Change Talks 2008



### Second forum of Nairobi work programme focal points

Saturday 6<sup>th</sup> December 2008.

To be convened by the chair of the SBSTA

This forum is held regularly at COP sessions and provides an opportunity to informally exchange views on how to effectively implement activities towards the objective of the Nairobi work programme. It aims to promote dialogue and collaboration between partner organizations and institutions as well as with Parties, and to take stock of activities undertaken in support of the Nairobi work programme by engaged organizations and institutions.

### Call for Action 07

The latest Call for Action was developed following discussion at the [workshop](#) on climate modelling, scenarios and downscaling, 7 June 2008, Bonn. This Call for Action will be presented formally to Parties at SBSTA 29, Poznan.