

An overview of
the **technical work** carried out
under the Nairobi work programme (NWP)



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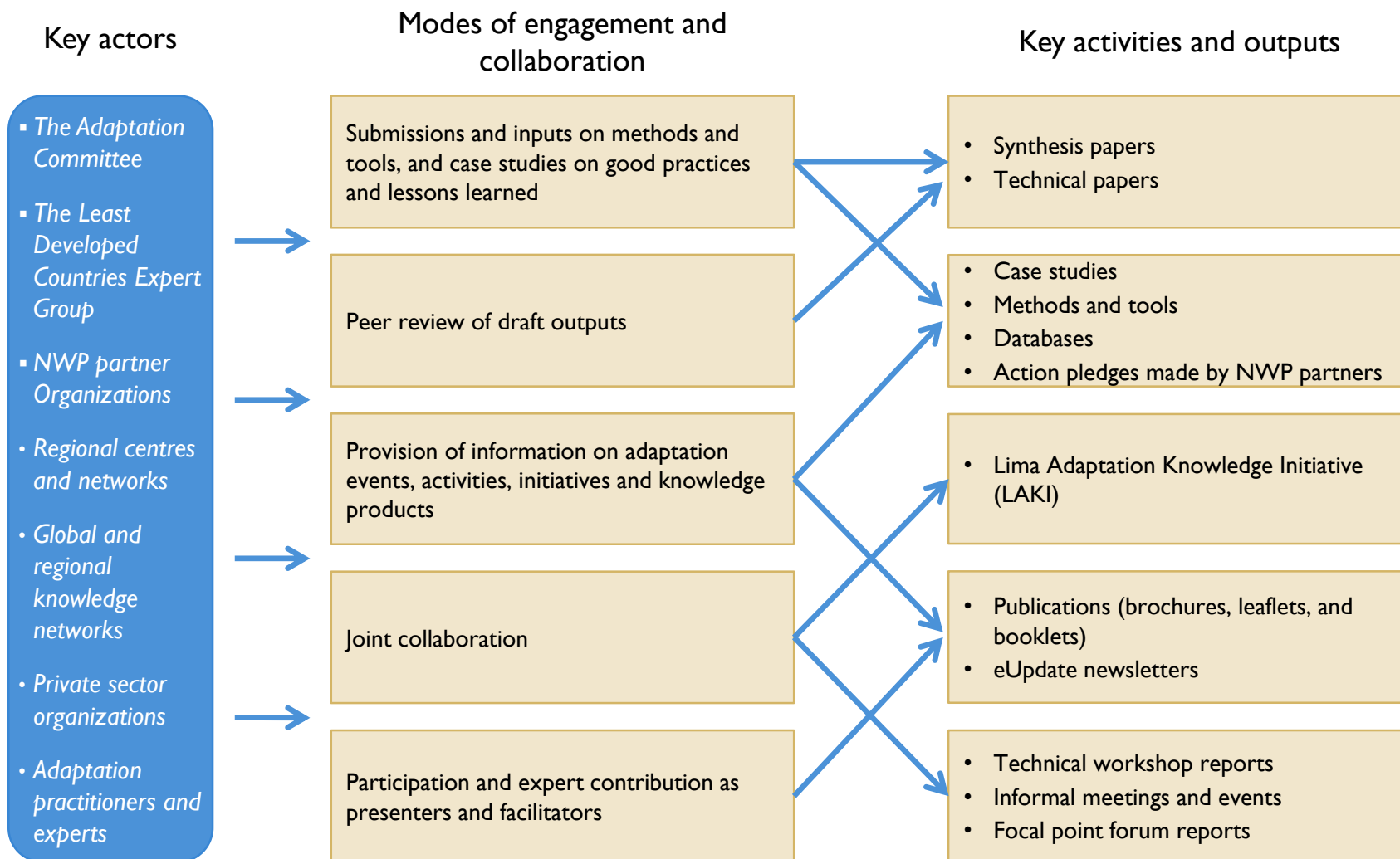
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Engagement and collaboration: the key underpinning of technical work under the NWP



1. Action pledges are targeted adaptation actions that partner organizations undertake in response to knowledge needs and gaps identified under the NWP

Evolution of the focus of the technical work under the NWP

COP 11 (2005) Nine work areas:

1. Methods and tools
2. Data 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

COP 19 (2013) Four thematic issues:

1. Ecosystems
2. Human settlements
3. Water resources
4. Health

Cross-cutting issues:

- Gender issues
- Indigenous and traditional knowledge and practices
- Linking local and national adaptation planning



Overview of the scope and outputs of technical work under the NWP: 2005~2013

| | Work area/ Thematic issue ↓ | Type of output → | Synthesis of submissions | Technical papers | Publications | Meeting/ workshops | Online databases |
|--------------------------------------|--|---------------------|-----------------------------|---------------------|--------------|-----------------------|---------------------|
| Thematic issues (COP 19) | Ecosystems | ✓ | ✓ | ✓ | | ✓ | ✓ |
| | Human settlements | | | ✓ | | ✓ | |
| | Water resources | | | ✓ | | ✓ | |
| | Health | | | ✓ | | ✓ | |
| Cross- cutting issues (COP 19) | Gender issues | | ✓ | ✓ | | ✓ | ✓ |
| | Indigenous and traditional knowledge and practices | ✓ | | | | | ✓ |
| | Linking local and national adaptation planning | ✓ | | | | ✓ | |
| Work areas (COP 11) | Methods and tools | | | | ✓ | ✓ | ✓ |
| | Data observations | | | | ✓ | | |
| | Climate modelling, scenarios and downscaling | | | | ✓ | ✓ | |
| | Climate related risks and extreme events | | | ✓ | ✓ | ✓ | |
| | Socio-economic information | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | Adaptation planning and practices | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Research | ✓ | | | ✓ | ✓ | |
| | Technologies for adaptation | ✓ | | | ✓ | | |
| | Economic diversification | ✓ | | | ✓ | ✓ | |



Technical work under the NWP: 2006

In 2006, documents produced under the NWP were conducted under the 'Research' work area.

| Work Area | 2006 |
|-----------|--|
| Research | Synthesis report on research needs and priorities relating to the Convention providing background information and summarising the priorities for research identified by Parties, of issues relating to capacity building and of other issues relating to research under the Convention >>> |



The technical work carried out under the NWP can also be found on our [website](#).

Technical work under the NWP: 2007~2008

| Work Area | 2007 | 2008 |
|--|---|---|
| Methods and tools | | Expert meeting on methods and tools and on data and observations >>> |
| Data observations | | |
| Climate modelling, scenarios and downscaling | | Workshop on climate modelling, scenarios and downscaling under the Nairobi work programme >>> |
| Climate related risks and extreme events | Workshop on climate-related risks and extreme events >>> | Technical paper on physical and socio-economic trends in climate-related risks and extreme events >>> |
| Socio-economic information | | Expert meeting on socio-economic information >>> |
| Adaptation planning and practices | | Technical paper on integrating practices, tools and systems for climate risk assessment and management and disaster risk management into national policies and programmes >>> |
| Research | Synthesis document of ongoing and planned adaptation research and adaptation research needs identified in submissions by Parties and relevant organizations >>> | |
| Technologies for adaptation | Synthesis report on technologies for adaptation identified in the submissions from Parties and relevant organizations >>> | |
| Economic diversification | Synthesis of information on economic diversification submitted by Parties and relevant organizations >>> | |



Technical work under the NWP: 2009~2010

| Work Area | 2009 | 2010 |
|--|--|---|
| Methods and tools | Technical workshop on advancing the integration of approaches to adaptation planning >>> | Technical workshop on collaboration among regional centres and networks >>> |
| Data observations | | |
| Climate modelling, scenarios and downscaling | | |
| Climate related risks and extreme events | | |
| Socio-economic information | A review of existing literature on potential costs and benefits of adaptation options >>> | Technical workshop >>> and a synthesis report on costs and benefits of adaptation options >>> |
| Adaptation planning and practices | Synthesis report on integrating and expanding adaptation planning and action, and lessons learned, good practices, gaps, needs, and barriers and constraints to adaptation >>> Report on integrating practices, tools and systems for climate risk assessment and management and disaster risk reduction strategies into national policies and programmes >>> | Technical workshop on advancing the integration of approaches to adaptation planning >>> Synthesis report on efforts undertaken to monitor and evaluate implementation of, and the cost effectiveness of, adaptation projects, policies and programmes >>> |
| Technologies for adaptation | | |
| Economic diversification | Technical workshop on increasing economic resilience to climate change and reducing reliance on vulnerable sectors, including through economic diversification >>> | |



No technical documents were produced under the 'Research' work area after 2007.

Technical work under the NWP: 2011~2012

| Thematic Issue | 2011 | 2012 |
|--|--|---|
| Ecosystems | Ecosystem-based approaches to adaptation: Compilation of information >>> | |
| Human settlements | | |
| Water resources | Technical paper on water and climate change impacts and adaptation strategies >>> | Report on the technical workshop on water and climate change impacts and adaptation strategies >>> |
| Health | | |
| Cross cutting issues: Linking local and national adaptation planning | | |
| Cross-cutting issues: Gender and Indigenous and traditional knowledge | | Compilation of case studies on national adaptation planning processes >>> |



Technical work under the NWP: 2013~2014

| Thematic Issue | 2013 | 2014 |
|---|---|--|
| Ecosystems | Technical workshop on ecosystem-based approaches for adaptation to climate change >>> | Synthesis report on methods and tools for, and good practices and lessons learned relating to, adaptation planning processes addressing ecosystems, human settlements, water resources and health, and good practices and lessons learned related to processes and structures for linking national and local adaptation planning processes >>> |
| Human settlements | | |
| Water resources | | |
| Health | | |
| Cross cutting issues: Linking local and national adaptation planning | | |
| Cross-cutting issues: Gender and Indigenous and traditional knowledge | Technical paper on best practice and available tools for the use of indigenous and traditional knowledge and practices for adaptation, and the application of gender-sensitive approaches and tools for understanding and assessing impacts, vulnerability and adaptation to climate change >>> | Meeting on available tools for the use of indigenous and traditional knowledge and practices for adaptation, needs of local and indigenous communities and the application of gender-sensitive approaches and tools for adaptation >>> |



Technical work under the NWP: 2015~2016

| Thematic Issue | 2015 | 2016 |
|---|--|---|
| Ecosystems | <p>Note by the secretariat on good practices and lessons learned in adaptation planning processes addressing ecosystems, human settlements, water resources and health, and in process and structures for linking national and local adaptation planning: a synthesis of case studies >>></p> | |
| Human settlements | | |
| Water resources | | |
| Health | | <p>The 10th Focal Point Forum on health and adaptation. Participants identified health problems related to climate change and engaged in finding innovative actions to address them, including the responsible institutions/agents to perform those actions >>></p> |
| Cross cutting issues: Linking local and national adaptation planning | | <p>Note by the secretariat on activities undertaken by regional centres and networks on adaptation planning processes and processes and structures for linking national and local adaptation planning >>></p> |
| Cross-cutting issues: Gender and Indigenous and traditional knowledge | | |



Technical work under the NWP: 2017~2018

| Thematic Issue | 2017 | 2018 |
|---|---|---|
| Ecosystems | <p>Synthesis report on adaptation planning, implementation and evaluation addressing ecosystems and areas such as water resources >>></p> <p>Side event on advancing action through knowledge for ecosystems and ecosystem-based adaptation >>></p> | |
| Human settlements | <p>Summary report by the Secretariat on initiatives in the area of human settlements and adaptation >>></p> <p>Technical dialogue and 11th Focal Point Forum on Human Settlements and Adaptation >>></p> | <p>Report by the secretariat on human settlements and adaptation outlining key findings and the way forward >>></p> <p>Side event on Closing knowledge gaps on Human Settlements and Adaptation >>></p> |
| Water resources | <p>Synthesis report on adaptation planning, implementation and evaluation addressing ecosystems and areas such as water resources >>></p> | |
| Health | <p>Synthesis paper on human health and adaptation: understanding climate impacts on health and opportunities for action >>></p> | |
| Cross cutting issues: Linking local and national adaptation planning | | <p>Report by the secretariat on human settlements and adaptation outlining key findings and the way forward >>></p> <p>Side event on Closing knowledge gaps on Human Settlements and Adaptation >>></p> |
| Cross-cutting issues: Gender and Indigenous and traditional knowledge | | |



Submissions from Parties & relevant organizations under the NWP: 2006~2007

| Year | Work Area | Submissions Document |
|------|--|---|
| 2006 | Research | Research needs and priorities relating to the Convention. Submissions from Parties >>> and Add. I >>> |
| 2007 | Methods and tools | Information on methods and tools for impact, vulnerability and adaptation assessments Submissions from Parties >>> ; Add. I >>> ; and from relevant organizations >>> |
| | Data and observations | Work that could contribute to the improved understanding of current and historical climate, and its impacts. Submissions from the World Meteorological Organization and its member States and other relevant organizations >>> |
| | Climate modelling, scenarios and downscaling | Ways to contribute to climate modelling, scenarios and downscaling. Submissions from relevant organizations >>> and Add. I >>> |
| | Climate related risks and extreme events | Relevant programmes, activities and views on the issues relating to climate related risks and extreme events. Submissions from Parties >>> ; Add. I >>> and Add. 2 >>> |
| | Socio-economic information | Information and views on socio-economic information. Submissions from Parties >>> and Add. I >>> ; and from relevant organizations >>> |
| | Adaptation planning and practices | Information on adaptation approaches, strategies, practices and technologies at the regional, national and local levels in different sectors, as well as on experiences, needs and concerns. Submissions from Parties >>> and Add. I >>> ; |
| | Technologies for adaptation | Approaches to and experiences in integrating and expanding adaptation planning and action at national, subnational, community and local levels, and lessons learned, good practices, gaps, needs, and barriers and constraints to adaptation Submissions from Parties and relevant organizations >>> |



Submissions by Parties and relevant organizations relevant to the production of technical work under the NWP can also be found on our [website](#).

Submissions from Parties & relevant organizations under the NWVP: 2007~2009

| Year | Work Area | Submissions Document |
|------------------|-----------------------------------|--|
| 2007 (continued) | Economic diversification | Information on economic diversification. Submissions from Parties >>> and Add. I >>> , and from relevant organizations >>> |
| 2008 | | |
| 2009 | Socio-economic information | Efforts undertaken to assess the costs and benefits of adaptation options, and views on lessons learned, good practices, gaps and needs. Submissions from Parties and relevant organizations >>> |
| | Adaptation planning and practices | Approaches to and experiences in integrating and expanding adaptation planning and action at national, subnational, community and local levels, and lessons learned, good practices, gaps, needs, and barriers and constraints to adaptation. Submissions from Parties and relevant organizations >>> Efforts undertaken to monitor and evaluate the implementation of adaptation projects, policies and programmes and the costs and effectiveness of completed projects, policies and programmes, and views on lessons learned, good practices, gaps and needs. Submissions from Parties and relevant organizations >>> |
| | Economic diversification | Measures, methodologies and tools for increasing economic resilience to climate change and reducing reliance on vulnerable economic sectors. Submissions from Parties and relevant organizations >>> |

Submissions from Parties & relevant organizations under the NWVP: 2010~2014

| Year | Work Area | Submissions Document |
|------|-----------|--|
| 2010 | | Views and information on the effectiveness of the Nairobi work programme on impacts, vulnerability and adaptation to climate change in fulfilling its objective, expected outcome, scope of work and modalities. Submissions from Parties and relevant organizations >>> and Add. I >>> |
| 2011 | | Proposals for upcoming activities under the Nairobi work programme on impacts, vulnerability and adaptation to climate change. Submissions from Parties and relevant organizations >>> and Add. I >>> Further views and information on the effectiveness of the Nairobi work programme on impacts, vulnerability and adaptation to climate change in fulfilling its objective, expected outcome, scope of work and modalities. Submissions from Parties and relevant organizations >>> |
| 2012 | | |
| 2013 | | Views on potential future areas of work of the Nairobi work programme on impacts, vulnerability and adaptation to climate change. Submissions from Parties and relevant organizations >>> |
| 2014 | | Good practices in and lessons learned from national adaptation planning. Submissions from Parties and Nairobi work programme partner organizations >>> |

Submissions from Parties & relevant organizations under the NWP: 2015-2018

| Year | Work Area | Submissions Document |
|------|--|---|
| 2015 | | |
| 2016 | Health | Information on climate impacts on human health. Overview on submissions from Parties, NWP partners and other relevant organizations >>> and presentation >>> |
| | Knowledge-sharing and training activities | Information on the knowledge-sharing and training activities undertaken by regional centres and networks on adaptation planning processes and processes and structures for linking national and local adaptation planning. Submissions from parties and other relevant organizations >>> |
| 2017 | Ecosystems and water resources | Information in relation to adaptation planning processes that address ecosystems and interrelated areas such as water resources. Submissions from Parties >>> and other relevant organizations >>> |
| | Human settlements | Information on topics such as good practices, lessons learned and available tools and methods, based on recent work in the area of human settlements and adaptation. Submissions from Parties >>> and other relevant organizations >>> |
| | Economic diversification | Information on lessons learned and good practices in relation to adaptation actions and plans that could enhance economic diversification and have mitigation co-benefits. Submissions from Parties >>> and other relevant organizations >>> |
| | Linking local and national adaptation planning | Information on indicators of adaptation and resilience at the national and/or local level or for specific actors. Submissions from Parties >>> and other relevant organizations >>> |
| 2018 | | Views on improving NWP relevance and effectiveness. Submissions from parties and other relevant organizations >>> |



Technical work under the NWP: Adaptation Knowledge Portal (AKP)

Knowledge resources on adaptation including contributions by Parties, NWP partners, and others, are available on the Adaptation knowledge portal [>>>](#) including:

| | |
|---|--|
| (1) Case Studies Explore a wealth of case studies showcasing a wide variety of climate change adaptation initiatives, good practices and lessons learned >>> | (2) Methods and Tools Explore a diversity of tools, methods and guidance used as solutions for climate change adaptation >>> |
| (3) Action Pledges Organizations align their activities with the objectives of the NWP through pledges, contributing to enhanced provision and application of information and knowledge on climate risk assessment, adaptation planning and implementation >>> | (4) Other Knowledge Resources Other knowledge resources include technical documents and reports, scientific/peer-reviewed publications, policy briefs, online portals, multimedia materials, and educational/training materials >>> |

Previous NWP databases have been consolidated on the AKP including the compendium on methods and tools, case studies, partners and pledges, adaptation practices, ecosystem-based approaches, indigenous and traditional knowledge, gender-sensitive approaches, and local coping strategies [>>>](#)

