

## **Structure for submissions from Parties and organisations on adaptation approaches, strategies, practices and technologies for adaptation**

Note by the secretariat

### **A. Mandate**

1. The SBSTA invited Parties and relevant organizations to provide structured submissions, by 15 May 2007, on adaptation approaches, strategies, practices and technologies for adaptation at the regional, national and local levels in different sectors, as well as on experiences, needs and concerns. It requested the secretariat to develop the structure for these submissions and to disseminate it to Parties by 20 January 2007 (FCCC/SBSTA/2006/11, paragraph 56).

### **B. Structure for submissions**

2. In accordance with the above mandate the secretariat proposes the following structure in the form of a table to facilitate the submissions by Parties and relevant organizations as well as the subsequent compilation of the submitted information by the secretariat.

3. In the table, Parties and organisations are encouraged to provide brief, concise information as appropriate and as it relates to their practical experience on adaptation, focusing on experiences that can be shared and practices that can be replicated. To aid in the analysis and synthesis of the information, kindly categorise adaptation actions by

- (a) Type of adaptation action (approaches and strategies, practices or technologies)
- (b) Scope of adaptation action (regional, national, local, sectoral)
- (c) Status of adaptation action (ongoing, under development etc.)

4. For the purpose of these submissions the type of adaptation action is defined as follows:

- (a) Approaches and strategies refer to planning and design of an adaptation framework to create an enabling environment at different levels which will be supportive of incorporation of climate change. The aim of an adaptation strategy is to ensure a comprehensive approach among the various actors involved. It can include a National Adaptation Plan involving a range of ministries, such as the *United Kingdom's Adaptation Policy Framework* or *National Adaptation programme of Action* in least developed countries, or a sectoral strategy involving all stakeholders, such as the *Adaptation to climate change through effective water governance project in Ecuador*.
- (b) Practices refer to concrete adaptation measures being implemented, including at a community level or as part of a national or regional project, e.g. *setting up a national insurance scheme for hurricane damage* or *providing vocational training to develop alternative livelihoods*.
- (c) Technologies here refer to hardware or know-how employed by adaptation practices to reduce vulnerability to climate change, for example *irrigation systems* or *protective structures for vulnerable coastal zones*.

5. Many adaptation actions by their nature are very cross-cutting as they seek to enhance adaptive capacities and reduce vulnerabilities in a number of related sectors and communities. In some cases examples can fit more than one category, for example an agricultural adaptation project such as changing crop management implemented by rural communities, could either be classified as an action undertaken at the community or sectoral level. Where actions are cross-cutting in terms of type, scope or sector, Parties and organisations are invited to choose the category which best reflects the characteristics of the action while also mentioning the other possible categories.

6. In addition to listing and categorizing actions, Parties and organizations are kindly asked to identify specific concerns and barriers as well as lessons learned which Parties or organization deem important to be shared with others and/or acted upon under the Nairobi Work Programme. In addition, Parties and organisations are kindly asked to provide references, i.e. publications or websites, where more information about the specific adaptation action can be found.

Type of adaptation action <sup>1</sup>	Title of adaptation action, including projects	Status of adaptation action - ongoing - under implementation - under development - under consideration	Needs in order to successfully implement the adaptation action	Concerns/ Barriers	Experiences/ Lesson learned	References i.e. publications, websites etc.
<b>Scope of adaptation action</b> <i>Regional level</i>						
<b>Approaches/ strategies</b>						
<b>Practices</b>						
<b>Technologies</b>						

<sup>1</sup> Please be aware of the degree of adaptation within activities:

- Some activities are undertaken specifically to adapt to climate change, e.g. increased water storage capacity, development of new crop varieties.
- Some activities include a component of climate change adaptation, e.g. infrastructure replacement incorporating higher flood standards
- Some activities are not carried out for adaptation but have other objectives such as preserving biodiversity, however they can offer adaptation co-benefits, e.g. restored wetlands protect against storm surges.

<i>National level</i>						
<b>Approaches/ strategies</b>	Strategy on adaptation to climate change and minimization its adverse impacts	under implementation	Raising public awareness	Lack of sound knowledge	No	<a href="http://www.meteo.tj">www.meteo.tj</a> <a href="http://www.unfccc.int">www.unfccc.int</a>
<b>Practices</b>	Identification of the preliminary adaptation activity	under implementation	Trainings	Poor awareness	No	<a href="http://www.meteo.tj">www.meteo.tj</a> <a href="http://www.unfccc.int">www.unfccc.int</a>
<b>Technologies</b>	Introduction of new effective technologies into adaptation planning	under implementation	Research projects and trainings	Poor awareness	No	<a href="http://www.meteo.tj">www.meteo.tj</a> <a href="http://www.unfccc.int">www.unfccc.int</a>
<i>Local (community) level</i>						
<b>Approaches/ strategies</b>						
<b>Practices</b>						
<b>Technologies</b>						

<i>Sectoral level<sup>2</sup></i>						
<i>Agriculture</i>						
<b>Approaches/ Strategies</b>	Reduction of vulnerability of agriculture to climate change adverse impacts; adaptation capacity building	under development	Raising awareness	Lack of sound knowledge	No	<a href="http://www.meteo.tj">www.meteo.tj</a> <a href="http://www.unfccc.int">www.unfccc.int</a>
<b>Practices</b>	Identification of the preliminary adaptation activities for agriculture	under development	Trainings	Poor awareness	No	<a href="http://www.meteo.tj">www.meteo.tj</a> <a href="http://www.unfccc.int">www.unfccc.int</a>
<b>Technologies</b>	Technologies for agricultural forecast modeling; development of drip and soil irrigation methods; growth of heat stable crops.	under development	Research projects and trainings	Poor awareness	No	<a href="http://www.meteo.tj">www.meteo.tj</a> <a href="http://www.unfccc.int">www.unfccc.int</a>
<i>Water resources</i>						
<b>Approaches/ Strategies</b>	Rational use of water resources; planning adaptation of water resources to climate change	under development	Raising awareness	Lack of sound knowledge	No	<a href="http://www.meteo.tj">www.meteo.tj</a> <a href="http://www.unfccc.int">www.unfccc.int</a>
<b>Practices</b>	Identification of preliminary adaptation activities for water resources	under development	Trainings	Poor awareness	No	<a href="http://www.meteo.tj">www.meteo.tj</a> <a href="http://www.unfccc.int">www.unfccc.int</a>

<sup>2</sup> The sectors below are given as examples. Please provide information on any other sectors which you consider important and have examples to share.

<b>Technologies</b>	Development of drip and soil irrigation methods	under development	Research projects and trainings	Poor awareness	No	<a href="http://www.meteo.tj">www.meteo.tj</a> <a href="http://www.unfccc.int">www.unfccc.int</a>
<i>Health</i>						
<b>Approaches/ Strategies</b>	Development of adaptation activities aiming at human health protection in conditions of climate warming	under development	Raising awareness	Lack of sound knowledge	No	<a href="http://www.meteo.tj">www.meteo.tj</a> <a href="http://www.unfccc.int">www.unfccc.int</a>
<b>Practices</b>	- reduction of the malaria disease risk; - improvement of reproductive health; - reduction of human mortality (esp. among climate-impacted people)	under development	Trainings	Poor awareness	No	<a href="http://www.meteo.tj">www.meteo.tj</a> <a href="http://www.unfccc.int">www.unfccc.int</a>
<b>Technologies</b>	Improvement of collector and drain array and prophylactics	under development	Research projects and trainings	Poor awareness	No	<a href="http://www.meteo.tj">www.meteo.tj</a> <a href="http://www.unfccc.int">www.unfccc.int</a>
<i>Coastal zones (settlements)</i>						
<b>Approaches/ Strategies</b>						<a href="http://www.meteo.tj">www.meteo.tj</a> <a href="http://www.unfccc.int">www.unfccc.int</a>
<b>Practices</b>						<a href="http://www.meteo.tj">www.meteo.tj</a>

						<a href="http://www.unfccc.int">www.unfccc.int</a>
<b>Technologies</b>						<a href="http://www.meteo.tj">www.meteo.tj</a> <a href="http://www.unfccc.int">www.unfccc.int</a>
<i>Others (please provide information about other relevant sectors)</i>						
<b>Approaches/ Strategies</b>	Planning adaptation activities in terms of extreme weather events	under development	Raising awareness	Lack of sound knowledge	No	<a href="http://www.meteo.tj">www.meteo.tj</a> <a href="http://www.unfccc.int">www.unfccc.int</a>
<b>Practices</b>	Assessment of potentially hazardous areas	under development	Trainings	Poor awareness	No	<a href="http://www.meteo.tj">www.meteo.tj</a> <a href="http://www.unfccc.int">www.unfccc.int</a>
<b>Technologies</b>	Development and introduction of constructions effectively preventing floods rise risks	under development	Research projects and trainings	Poor awareness	No	<a href="http://www.meteo.tj">www.meteo.tj</a> <a href="http://www.unfccc.int">www.unfccc.int</a>