Addressing climate risks in project cycle: AfDB’s Climate Safeguards System

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Bank’s Strategic Approach

• The Bank’s Medium-Term Strategy 2008-2012 identifies Climate Change as a threat to Africa’s development

• The Bank aims at supporting climate-resilient development and a transition to a low carbon economy growth in Africa

• Bank’s areas of intervention:
  o Adaptation
  o Mitigation
  o Financing

Interventions are at policy, project and programme levels
Our Climate Risk Approach

- Adoption of Bank’s strategy for Climate Risk Management and Adaptation (CRMA) in 2009 to screen projects, based on: (1) Exposure to climate risks; (2) Strategies for adaptation; and (3) Supporting knowledge & guidance.
Climate Safeguards System (CSS)

- CSS is part of the implementation of the CRMA
- CSS design is based on an assessment that showed that Bank’s projects are vulnerable to climate change
- Vulnerable sectors include: Agriculture, Infrastructure; Energy; Water & Sanitation
- The objective of the CSS is to support the mainstreaming of climate risks, raise awareness and develop knowledge.
- Reducing climate vulnerability and promoting climate-resilient development in Africa
CSS components

Climate Risk Management and Adaptation Strategy

Climate Safeguards System (CSS)

- Climate Screening
- Adaptation Review and Evaluation
- Country Adaptation Factsheets

Knowledge Base
• Our Risk screening approach is based on our project cycle, targeting early stage of project preparation
**Climate screening**

- **Climate Screening** tool follows 5 steps:

  For a project concept:

<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Step 1</td>
<td>Select scorecard(s)</td>
</tr>
<tr>
<td>Step 2</td>
<td>Enter basic project information</td>
</tr>
<tr>
<td>Step 3</td>
<td>Select answer options to questions</td>
</tr>
<tr>
<td>Step 4</td>
<td>Add up scores and categorise</td>
</tr>
<tr>
<td>Step 5</td>
<td>Enclose screening results to the PCN</td>
</tr>
</tbody>
</table>
## Categorization

- **3 categories**

<table>
<thead>
<tr>
<th>Category 1</th>
<th>Projects may be very vulnerable to climate risk. Requires a detailed evaluation of climate change risks and adaptation measures. Comprehensive, practical risk management and adaptation measures should be integrated into the project design and implementation plans.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category 2</td>
<td>Projects may be vulnerable to climate risk. Requires a review of climate change risks and adaptation measures. Practical risk management and adaptation options should be integrated into the project design and implementation plans.</td>
</tr>
<tr>
<td>Category 3</td>
<td>Projects are not vulnerable to climate risk. A voluntary consideration of low cost risk management and adaptation measures is recommended, but no further action is required.</td>
</tr>
</tbody>
</table>
Climate screening (1)

- Select score sector cards
Climate screening (2)

- Enter basic project information

<table>
<thead>
<tr>
<th>Step 1: Select Scorecard</th>
<th>Step 2: Enter basic information</th>
<th>Step 3: Select Options</th>
<th>Step 4: Add Scores &amp; Categorize</th>
<th>Step 5: Review Outcome</th>
<th>Step 6: Export Summary</th>
</tr>
</thead>
</table>

Scorecard: Agriculture - Cropping and Irrigation  
Project Title: Project title

Project saved successfully:

<table>
<thead>
<tr>
<th>Project title (Ref)</th>
<th>Project Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project title</td>
<td>Activity 1</td>
</tr>
<tr>
<td>Project Code (SAP)</td>
<td>Activity 2</td>
</tr>
<tr>
<td>Code</td>
<td>Activity 3</td>
</tr>
<tr>
<td>Sector</td>
<td>Task Manager</td>
</tr>
<tr>
<td>Agriculture</td>
<td>TM1</td>
</tr>
<tr>
<td>Location</td>
<td>Officer Responsible for Screening</td>
</tr>
<tr>
<td>Africa</td>
<td>TM1</td>
</tr>
<tr>
<td>Start date</td>
<td>Division</td>
</tr>
<tr>
<td>11/08/2012</td>
<td>Division</td>
</tr>
<tr>
<td>Duration</td>
<td>Screening date</td>
</tr>
<tr>
<td>36 months</td>
<td>11/08/2012</td>
</tr>
</tbody>
</table>
Climate screening (3)

- Select answers and options
Climate screening (4)

- Add up scores and categorize

The table below presents the scores for the selected options. The scores are summed up to obtain a total score. The total score cannot exceed 100.

<table>
<thead>
<tr>
<th>Topic</th>
<th>Selected Option</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water resource availability for irrigation</td>
<td>Water resource availability for irrigation is not relevant for the project</td>
<td>0</td>
</tr>
<tr>
<td>Soil erosion</td>
<td>The project activities are not expected to increase soil erosion</td>
<td>0</td>
</tr>
<tr>
<td>Impact of severe weather conditions on project activities</td>
<td>The project is planned in an area with a known history of droughts or floods</td>
<td>10</td>
</tr>
<tr>
<td>Physical infrastructure</td>
<td>The project includes building terraces for irrigation</td>
<td>10</td>
</tr>
<tr>
<td>Building capacity in agriculture</td>
<td>The project includes technical skill training in agriculture / natural resource monitoring</td>
<td>7</td>
</tr>
<tr>
<td>Cropping and irrigation technologies and systems</td>
<td>The project plans entirely new irrigation and cropping systems</td>
<td>10</td>
</tr>
<tr>
<td>Total Score</td>
<td></td>
<td>42</td>
</tr>
</tbody>
</table>

**Project Category**

- Category 1 (Score above 60.0)
- Category 2 (Score between 30.0 and 60.0)
- Category 3 (Score below 30.0)

Your score total is 42, which would classify the project as Category “Category 2”. Do you feel there are other factors that would warrant a higher score and promote the project to a category that requires additional adaptation actions? If you click the yes box below, then just click on the “next” button below to access the next screen, where you will be able to enter the additional score and the information justifying your choice.

- Yes
- No
Climate screening (5)

- Incorporate results in the Project Concept Note
Adaptation Planning

- Once projects are categorized, we proceed with adaptation planning to address vulnerability, through the Adaptation Review and Evaluation Procedures (AREP)
Adaptation Planning for Category 3 projects

For a Category 3 concept:

<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Step 1</td>
<td>Select adaptation purpose and components</td>
</tr>
<tr>
<td>Step 2</td>
<td>Select adaptation activities (optional)</td>
</tr>
<tr>
<td>Step 3</td>
<td>Produce outputs for the PCN</td>
</tr>
</tbody>
</table>

Key outputs for Project Concept Note:

- Completed Adaptation Purpose and component template
- Adaptation Review Summary, with list of components
- Adjusted Project Results-based Logical Framework
Adaptation Planning for Category 2 projects

For a Category 2 concept:

<table>
<thead>
<tr>
<th>Step 1</th>
<th>Select adaptation purpose and components</th>
</tr>
</thead>
<tbody>
<tr>
<td>Step 2</td>
<td>Select adaptation activities</td>
</tr>
<tr>
<td>Step 3</td>
<td>Supplement adaptation activities</td>
</tr>
<tr>
<td>Step 4</td>
<td>Produce outputs for the PCN</td>
</tr>
</tbody>
</table>

Key outputs for Project Concept Note:

- Completed Adaptation purpose and component template
- Completed adaptation activities template(s)
- Adaptation Review Summary, with list of components and activities
- Adjusted Project Results-based Logical Framework
# Adaptation Planning (Category 1)

For a Category 1 concept:

<table>
<thead>
<tr>
<th>Step 1</th>
<th>Select adaptation purpose and components</th>
</tr>
</thead>
<tbody>
<tr>
<td>Step 2</td>
<td>Select adaptation activities (optional)</td>
</tr>
<tr>
<td>Step 3</td>
<td>Prepare terms of reference for further evaluation</td>
</tr>
<tr>
<td>Step 4</td>
<td>Produce outputs for the PCN</td>
</tr>
<tr>
<td>Step 5</td>
<td>Commission an expert study</td>
</tr>
<tr>
<td>Step 6</td>
<td>Produce Adaptation Evaluation Report and summary</td>
</tr>
<tr>
<td>Step 7</td>
<td>Determine project viability</td>
</tr>
<tr>
<td>Step 8</td>
<td>Produce final outputs for project planning</td>
</tr>
</tbody>
</table>
Adaptation Planning (Category 1 - Suite)

Key outputs for Project Concept Note:
- Completed Adaptation purpose and component template
- **Optional**: Completed adaptation activities template(s)
- Terms of Reference for Climate Change Experts

For addition to the CSS knowledge base:
- Adaptation Evaluation Report and Summary

To be added in the internal recommendation report:
- Internal recommendations;
- Adaptation Evaluation Report and its Summary;
- Adjusted Results-based Project Logical Framework
Adaptation Planning – online

Climate Safeguard System

Quick Links

- Overview
- Climate Screening
- Adaptation Review and Evaluation

Adaptation Review and Evaluation

The Adaptation Review and Evaluation Process (AREP) is used to identify appropriate and cost-effective adaptation measures for a project. AREP cannot be applied until a project has been categorised through the Climate Screening process. This categorisation determines the scope of the adaptation measures identified. AREP ensures that adaptation measures are identified and factored into a project at an early stage in the project cycle. Click Here

Country Adaptation Factsheets
CSS Information Base

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To start

- Enter Username and Password
Adaptation Planning– Online (2)

- Select adaptation purpose and components
Adaptation Planning – Online (3)

- Select adaptation activities

The table below shows a list of adaptation components that are relevant to your project. Click on the arrow to show the list of activities under each component. Activities that need your attention are shown in red. You must apply the filters to each activity. Once you have finished applying the filters, the activity will turn grey if it is not relevant, or black if it is relevant. You will not be able to move to the next step until all activities have been filtered.

Note that you will be asked to provide information on stakeholders, beneficiaries and cost for each activity selected. This may require some additional investigation.

<table>
<thead>
<tr>
<th>Components &amp; Activities</th>
<th>Filters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Increase contingency budgets</td>
<td></td>
</tr>
</tbody>
</table>

Review the activities you have selected. Are there any gaps? Can you think of any additional activities that would benefit the project?

- Yes
- No
Adaptation Planning– Online (4)

- Supplement adaptation activities
Adaptation Planning – Online (5)

• Outputs for the Project Concept Note

Summary of the Adaptation Plan
Adaptation Planning – Online (6)

• Adjust the Project Results-based Logical Framework

Integrating the Adaptation Plan in RBLF
Country Adaptation Factsheets

- The factsheets can be produced at any time and are independent of the processes described above.

- They are based on a template into which up-to-date information on climate projections and country indicators can be imported from various sources;

- They help country economists and teams to better incorporate climate issues in the design of Country Strategy Papers (CSPs).
Knowledge base

- Agro ecological zones
- Climate envelopes
- Country information
- Relevant documents
- Links to other resources
Conclusion

- The CSS brings additional analysis on climate risks, aiming at increasing the consideration of climate change in Bank’s projects
- Climate Risk Screening Manual and Adaptation Manual are available in soft and hard copies
- A Booklet summarizing the two manuals is also available
- The overall online tool is being piloted to selected Bank’s projects, before being fully operational for Bank-wide interventions and other projects in Africa
- CSS Link:
Thank you

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Website: www.afdb.org