



# **KNOWLEDGE, CULTURE AND SUSTAINABLE DEVELOPMENT INITIATIVES**

**First Edition**

Agriculture, Climate Change  
and Responsibility of Organizations

**25-27 April 2013**

Concept Note and Agenda



## Introduction

The debate on Climate Change and Agriculture is crucial with regards to Africa's development and to the prosperity of its people. In fact, the continent is particularly vulnerable to Climate Change given the levels of poverty that characterize it.

Climate Change in Africa materializes itself particularly through prolonged periods of drought, which seriously affect the agricultural sector. Consequently, this results in the degradation of soil quality, higher temperatures, desert encroachment, frequent sandstorms, declining water resources, falling yields in agricultural productivity, proliferation of insects, threats to food security and increased poverty on the continent.

The negative impact of Climate Change on Agriculture is exacerbated by the lack of adaptation strategies due to institutional constraints, lack of financial and economic capacity as well as the lack of appropriate awareness and sharing of targeted knowledge of research results and best practices for both adaptation and mitigation.

According to a report by the World Bank (2009) Agriculture sector employs 65 percent of the African workforce and accounts for 32 percent of the Gross National Product of countries. However, according to a study by the International Food Policy Research Institute (2009), simulations show that by 2050, average yields of rice, wheat and maize will decrease respectively by 14 percent, 22 percent and 5 percent in sub-Saharan Africa and the number of undernourished people will increase by 10 million, due to the adverse effects of climate change.

These figures call on the stakeholders to act together. If researchers give their contribution through the results of research and men of culture through their fame to raise awareness and mobilize the masses, private companies will act on the basis of their corporate social responsibility, often defined as a concept in which "organizations integrate social, environmental and economic dimensions in their operations and in their interaction with stakeholders on a voluntary basis. "The 2013 edition of "Knowledge, Culture and Sustainable Development" initiatives launched by ENDA Energy is an innovative approach based on participation and sharing in order to strengthen the social responsibility of all stakeholders for a global sustainable development objective.

Africa's response to Climate Change is dependent on adequate communication of research results towards different stakeholders in order to translate them into concrete actions in terms of policy formulation and projects implementation on the ground. Networks and knowledge sharing platforms are expected to play a crucial role in this effect.



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## **AfriCAN Climate**

The AfriCAN Climate Project, co-financed by the European Commission within the 7th Framework Programme, was launched in 2011 by a consortium of European and African organizations in order to promote research findings by translating them into actions and to connect different networks on two continents thus allowing the exchange of knowledge and best practices.

The AfriCAN Climate Portal ([www.africanclimate.net](http://www.africanclimate.net)) is an innovative web-based knowledge platform for the sharing of climate change research and good practices.

The portal employs innovative and creative web functionalities to harmonise multilingual, interdisciplinary and pan-continental climate change knowledge and to encourage project developers and stakeholders to learn and benefit from Africa's challenges and success stories. AfriCAN Climate targets a wide variety of climate change stakeholders: researchers, field practitioners, project developers, development partners, NGOs, local/national governments and farmers organisations. Climate change knowledge, relating to scientific research, indigenous knowledge, and policies is collected at the online platform in the form of articles, publications, news, project initiatives, links and networks.

The project supports awards in recognition of excellence: the **AfriCAN Climate Awards**.

Within the framework of the first edition of the Knowledge, Culture and Sustainable Development Initiative, AfriCAN Climate will present the first Award on Awareness Raising about Climate Change. The winning initiative will receive an honorary certificate.

## **AfricaAdapt**

AfricaAdapt is a leading network for sharing knowledge on adaptation to climate change in Africa. To date, AfricaAdapt has more than 1300 members, mainly in Africa but also in the rest of the world. These members are from various categories of stakeholders such as researchers, practitioners in adaptation, media, policy makers and ultimately vulnerable communities.

Among many other networks in Africa, AfricaAdapt sets itself apart through its online activities (web platform, social networks, discussion groups, etc.). But especially through its actions on the ground with vulnerable groups, including those who do not have access to the Internet, nor understand French or English.

Concerned about the specific needs of vulnerable groups, the network AfricaAdapt has initiated an Innovation Fund to precisely support innovative approaches to sharing knowledge with these marginalized groups. Also, the network organizes regular field visits (meet & greet) to enable its members to see the actions of successful adaptation projects and to communicate among themselves and with the local population. Agriculture, fishing, food security, forestry, climate science, energy, health, water, gender or international negotiations, are all topics covered by AfricaAdapt around which its members share knowledge to support adaptation to climate change in Africa. Join AfricaAdapt and benefit from the opportunities offered by the network.

## Objective of the event

The motto of the event is "**Knowledge and Culture: Our Commitment to Sustainable Development**". It specifically addresses issues of agriculture in a context of climate change and responsibility of organizations relying on the mobilization of Culture, Art and Media to better raise awareness and foster broad advocacy for sustainable development.

It aims to:

- Share knowledge and best practices in agriculture in a changing climate;
- Develop the cooperation and partnership between researchers and practitioners as well as networking on the issue of Climate Change;
- Establish a solidarity fund to support sustainable development projects for the benefit of grassroots communities.

## Target groups and participants

The event is open to stakeholders and practitioners in the field of Agriculture and Sustainable Development.

## Content of the event

The different activities of the event will be held at the International Center of Foreign Trade of Senegal (CICES, Dakar) and will focus on:

1. **A Knowledge Exchange Fair** on Adaptation to Climate Change in Africa
2. **A scientific workshop** on the theme Agriculture, Climate Change and Responsibility of Organizations
3. **Trade Fair** dedicated institutions, project developers, NGOs and sponsors
4. **An artistic ceremony** for the promotion of knowledge sharing platforms, the AfriCAN Climate Award and launch a solidarity fund
5. **Technical Site Visit** of a Climate Change Adaptation project in Keur Moussa

The description sheets and the agenda of the workshop are included in this note.

## Programme Agenda

<b>25 &amp; 26 April</b>	<b>Knowledge Sharing Fair</b>
<b>26 April</b>	Scientific workshop
<b>26 April Evening</b>	Gala and AfriCAN Climate Award Ceremony
<b>25-27 April</b>	Village Exhibition
<b>27 April</b>	Technical visit of the Keur Moussa project

**Event Location:** CICES, Airport Road, Dakar, Senegal

**Languages of the event:** English and French

**Event Registration:** The event is open to the public

### The Organizers:



#### **ENDA**

AfriCAN Climate project partner and AfricaAdapt coordinator



#### **L'Agence ATOM**

ENDA partner



#### **WIP – Renewable Energies**

Coordinator of the AfriCAN Climate project



#### **WITS**

Partner of AfriCAN Climate and organizer of the AfriCAN Climate Award

### Contact:

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# Workshop 1: Agriculture, Climate Change and Responsibility of Organizations: The Challenge of Knowledge Sharing

Thursday April 25, CICES, Dakar

## - AGENDA -

HOURS	SESSIONS
09:00-10:00	<ul style="list-style-type: none"> <li>○ Welcoming speech – Emmanuel Seck ENDA Energy</li> <li>○ Introduction – The Challenge of Knowledge Sharing and valorisation of the Research findings – Pr. Bienvenu SAMBOU, Director of ISE</li> </ul>
<b>Panel 1 : Climate Science</b>	
10:00-11:30	<p><b>Panelist 1</b> : Pr. Amadou GAYE, Laboratory of Physics of the Atmosphere and Siméon Fongang Ocean (LPAO-SF) : Climate Change in Senegal and in West Africa – Past, Present, Future</p> <p><b>Panelist 2</b> : (Directorate of Weather in Senegal) : Seasonal forecast in Senegal</p> <p><b>Discussant</b> : Reviews, orientations for sharing of knowledge with panel 1</p>
<b>Panel 2 : Agriculture and Climate Change</b>	
11:30-13:00	<p><b>Panelist 1</b> : Mbaye Diop: African Agriculture and Climate Change Challenges – Current and future Impacts</p> <p><b>Panelist 2</b> : Ibrahima Paul Thiao, FONGS : Farmers’ Experiences – Achievements and Challenges</p> <p><b>Panelist 3</b> : Ibra FAYE Economist and Financier – PROGERT - Climate Change and Agriculture in the Groundnut Basin (central region) - climatic and anthropogenic causes of the decline in production</p> <p><b>Panelist 4</b>: Oumar DIOUF National Agricultural Insurance Company of Senegal (CNAAS) - Sharing knowledge on Insurance Index Tracking</p>
13:00-14:00	<b>Break</b>
<b>Panel 3 : Climate Change and Sustainable Development</b>	
14:00-15:30	<p><b>Panelist</b> : Climate Change and Sustainable Development : Challenges and opportunities for Agriculture</p> <p><b>Discussant 1</b> : Henri Lô, ISE - Review and Orientations for sharing knowledge</p> <p><b>Discussant 2</b> : Badara DIENG Review and Orientations for sharing knowledge</p>
<b>Panel 4 : Corporate social Responsibility of organisations</b>	
15:30-17:00	<p><b>Panelist</b> : Climate Change and RSO : An opportunity, Sustainable Development, Djimingué Nanasta, ENDA Energy</p> <p><b>Discussant 1</b> : Elhaj Mbaye Diagne, Senegalese Union of Industries and Mines Professionals</p> <p><b>Discussant 2</b> : Modou CISSE, STAESSEN</p>
17:00-18:00	<ul style="list-style-type: none"> <li>○ Conclusions – Recommendations – Moussa NA ABOU</li> <li>○ Closing and Thanks – Dr. Aliou DIOUF</li> </ul>

# Workshop: Agriculture, Climate Change and Responsibility of Organizations

Friday 26 April – CICES, Dakar

## - AGENDA -

- 09:00 - 09:30** Registration  
**09:30 - 10:00** Opening Ceremony

Moderator: Issa Dial, ATOM

- Welcome remarks, Director of ENDA Energy
- Welcome speech, representative of the Ministry of Environment
- Welcome speech, representative of Ministry of Industry
- Welcome speech, representative of Ministry of Agriculture

- 10:00- 10:30** Presentation of the General Topic  
Agriculture, Climate Change & Responsibility of Organizations  
Professeur Abdoulaye Sakho, Université Cheikh Anta Diop

- 10:30-11:00** Coffee Break

- 11:00 - 11:40** **Session 1:** Enterprises Social actions in the agriculture sector:  
Models and Impacts

Moderator: Mr El Hadh Mbaye Diagne, Former COMNAC President, Senegal

Speakers:

- Boubacar Kamissokho, SODEFITEX, Senegal
- Semou Diouf, Nestlé, Senegal
- John Fay, Shared Value Africa, Zambia
- Alioune Fall, ISRA, Senegal

- 11:40 - 12:00** Discussion

- 12:00 -12:35** **Panel 1:** Good Practices of Responsibility of Organizations in the agriculture sector in Africa

Moderator: Rocio Diaz-Chavez, Imperial College, Royaume Uni

Panelists:

- Philippe Barry, RSE, Senegal
- Sally Coly, ENDA Pronat, Senegal
- Sire Diallo, Sem Fund, Senegal
- Sandile Ngcamphalala, FANRPAN, South Africa

**12:35 - 12:55** Discussion

**12:55 - 14:30** Lunch Break

**14:30 - 15:10** **Session 2:** Family Farming and the challenges of Climate Change in Africa

Moderator: Touria Dafrallah, ENDA Energie

Speakers:

- Sidy Ba, ENDA Pronat, Senegal
- Woré Seck, Green Senegal, Senegal
- Nnaemeka Ikegwuonu, Smallholders Foundation, Nigeria
- Baba Ngom, CNCR, Senegal

**15:10 - 15:30** Discussion

**15:30 - 17:00** **Panel 2:** Good practices of Adaptation and Awareness on Climate Change in the Agriculture sector in Africa

Moderator: Yvonne Takang, WITS, South Africa

Panelists:

- James Arthur, DTU-AfriCAN Climate, Denmark
- Mor Seye Fall, Lead Africfrancophone: The case of Bakel, Senegal
- L'Agence ATOM 'the Role of Media in Awareness Raising', Senegal
- Oumar Diouf CNAAS 'Indicial Insurance for Peanut and Maize, good example of Adaptation to Climate Change', Senegal
- Meissa, Federation Woobin Senegal: The case of Keur Moussa

**17:00 - 17:30** Discussion

**17:30-17:40** Closing of the workshop

Closing Remarks/Representative of the Ministry of Environment

Closing Remarks/Representative of ENDA Energy

**19h-00h: Gala and AfriCAN Award Ceremony**

## Village – Exhibition

25-27 April 2013 – CICES, Dakar

This exhibition is dedicated to players throughout the value chain in agriculture. It not only provides an opportunity for participants to present successful experiences, but also to raise awareness and to better educate visitors on the approach of Corporate Social Responsibility (CRS) for Sustainable Development, in relation to the theme of the event.

It also is an ideal setting for exhibitors to increase their visibility by taking advantage of communication supports (stands, display of posters, digital media, etc.); they can highlight their activities for a regional, national and international audience, with many networking and business opportunities.

Thirty stands will be organized as follows:

- Each booth contains signage, a power outlet, a table and a chair.
- Visiting hours are from 9 a.m. to 7 p.m. on 25 and 26 April, and from 9 a.m. to 1 p.m. on 27 April.
- The activities of the exhibition village will be covered by the media.
- Access is open to the public and free of charge.

The knowledge sharing platforms on climate change AfriCAN Climate (coordinated by WIP Renewable Energies) and AfricaAdapt (coordinated by ENDA Energy) will be presented with special stands for the dissemination of documents, the projection of films and further opportunities for knowledge sharing on best practice relating to the theme of the event.

The different activities will be enhanced by artistic performances that will be hosted by artists involved in the issue of sustainable development.



CICES, Dakar

## **Knowledge Exchange Fair for Climate Change Adaptation**

25-26 April 2013 - CICES, Dakar

### **Introduction**

AfricaAdapt is a network that facilitates the sharing of knowledge between all stakeholders in order to support adaptation to climate change in Africa. The essence of the mission AfricaAdapt is therefore to facilitate access to and use of knowledge to build the resilience of vulnerable populations. The network is geared towards five categories of stakeholders: policy makers, researchers, media, development practitioners, NGOs and ultimately grassroots communities and vulnerable groups.

Knowledge Exchange Fairs are flagship initiatives of AfricaAdapt. They constitute a space of interaction between generators and users of knowledge, a framework bringing together researchers, practitioners, policy makers and local communities to make sure research results benefits adaptation to climate change in Africa.

Scientific research is a central activity in the value chain and in knowledge sharing. It allows experimenting, creating and validating results on the basis of needs (expressed or implied) by people facing challenges that are constantly changing.

This edition of the Fair at CICES is initiated by ENDA Energy for promoting the knowledge platforms AfricaAdapt (<http://www.africa-adapt.net/>) and AfriCAN Climate (<http://africanclimate.net/>).

### **Partner organizations**

The Institute of Environmental Sciences (ISE) at the University Cheikh Anta Diop of Dakar's main purpose is to produce research results on climate change and the environment. In its thirty years of existence, ISE has produced nearly 259 scholarly publications on environmental issues, natural resource management, climate change and environmental law. Part of these research results will be shared and disseminated at the Fair.

Other Senegal-based research facilities, such as the Institute of Agricultural Technology (ITA), are expected to actively participate in the event. Wide coverage of topics related to adaptation will be offered, including water resources management, fishery, pastoralism, land use, pests and firefighting, pollution, education, ethics and more.

### **Format**

The fair is organized in three main parts:

- Stands that will display publications, posters, flyers, etc. representing a sample of research results around various themes;
- A film festival which will screen films showing the value of research results for development, as well as best practices for climate change adaptation;
- Thematic workshops and discussion forums with the public in the presence of prominent experts.

## **Gala and AfriCAN Climate Award Ceremony**

Friday, 26 April 2013 - CICES, from 7p.m.

The ceremony is the concrete manifestation of the will to associate of cultural actors, researchers, policy makers and practitioners who are active in the field of sustainable development.

The event consists of a dinner discussion moderated by Professor Abdoulaye Sakho, Director of the Graduate School of Legal Science, Policy, Economics and Management at the University Cheikh Anta Diop on the theme of the event: Agriculture, Climate Change and Organisations' Responsibilities. Awareness is at the heart of this activity and will be testified by different actors.

This event will be complemented by a dinner and an artistic performance with Baaba MAAL as the headline.

On this occasion, the **First AfriCAN Climate Award** for best practice in Climate Change Awareness in Africa will be given out. The AfriCAN Climate Project and Award are supported by the European Commission.

The involvement of stakeholders in the evening promotes the creation of an enabling environment for awareness-raising of all stakeholders and mobilization of financial resources for a Solidarity Fund (FONSOLID), an innovative financing tool designed to support sustainable development projects in Senegal.

From the outset, the electrification of Vélingara college, located in the Matam region, a project led by Baaba MAAL, is in the frontline for becoming the first concrete action after the event.

## **Field trip to Keur Moussa, Senegal**

Saturday, April 27 2013

### **Project on Sustainable Agriculture, Food Security and Soil Protection, Women's Access to Land**

The rural community of Keur Moussa is located between Dakar and Thies. It includes several villages situated on the Plateau of Ndiass, where the altitude does not exceed 120m. Surrounded by mountains, the villages and surrounding areas are exposed to water flow accentuated by slopes that characterize the area.

Erosion is a serious problem and thus cause negative impacts on the environment, including resource degradation and soil infiltration problems and loss of water by runoff, loss of fertile land, accidents and damage to the people due to the collapse of houses. This also causes problems for farming such as lower yields due to soil degradation, soil instability for crops.

The Keur Moussa project aims to control erosion to ensure soil water retention and a good water control, to recover agricultural land and improve yields. It is a good practice to Adaptation to Climate Change through appropriate techniques, good awareness and integration of local people including a strong involvement of women.

This is a good practice in the field of adaptation to climate change, with the use of adequate techniques. Awareness raising initiatives are also undertaken to enhance local communities' participation, with a strong focus on involving women.

Women's groups are central to the project. They are organized and committed to the decision, success and ownership of the project.

**Participants are invited to take part in a tour of the achievements of this project in order to learn and to see closely the activities and results of the various erosion control techniques undertaken by this project in Keur Moussa.**

Representatives of the project implementer, Woobin Federation and of the rural municipalities of the region will welcome the visitors.

This project was supported by the Swiss Cooperation and has also benefited from the Innovation Fund of AfricaAdapt.

