



Programme -Énergie, Environnement, Développement

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## **Climate and Development 2009-10 in the context of the Nairobi Work Programme - Second Phase**

### **ENDA Action Pledge**

#### **Summary**

Environment Development Action in the Third World (ENDA-TM) is an international NGO, founded in 1972 with its headquarters located in the Senegalese capital, Dakar. Its principal mission is to reducing poverty in Africa through enhancing human development while strengthening socio-ecological resilience. ENDA is comprised of some 21 entities working in the field of human development across the disciplines and development sectors working in synergy in Africa and elsewhere in the world. ENDA Energy, which makes this pledge, works in the field of energy, environment and development. Climate and development is a major component of our work. ENDA shares the aspirations of the Nairobi Work Programme and pledges to undertake activities that contribute to the overall objective of the Programme.

#### **Overall objective**

- To concretely contribute to an enhancement of adaptive capacity and socio-ecological resilience in Sub-Saharan Africa through a series of interconnected field based and knowledge management activities

#### **Project purpose – specific objectives**

- Climate related risks and extreme events – work on risk communication strategies currently employed in development and adaptation projects, develop and test a set of prototypes to illustrate how climate risk communication strategies can be employed
- Socio-economic information – implement suite of field-based and desktop activities with special emphasis on social dimensions of vulnerability and adaptation for sustainable development pathways

- Adaptation practices and planning – conduct series of case studies, training workshops and fellowship scheme to monitor and evaluate adaptation practices and planning and develop best practices
- Conduct research into adaptation in the framework of the socio-ecological system and its functionality and management
- Develop suite of knowledge management activities to feed into and learn from field based actions to further develop ENDA as an African centre of excellence in adaptation ready to share and learn with partners in other regions

The following list of activities is not exhaustive. It represents a selection of the activities that ENDA will be engaged in during 2009-10 that support ENDA's Action Pledge and its commitment to the aims and objectives of the Nairobi Work Programme Second Phase.

### **Activities – Fieldwork-based**

- Community-based adaptation -14 actions in 12 countries with various partners supporting civil society and community-based organisations (CSOs and CBOs), to identify vulnerability and impacts in order to devise sustainable adaptation options whilst assuming responsibility and ownership for the adaptation process
- ACCCA capacity building for adaptation – working with three other international organisations on a project sponsored by EU countries under the trusteeship of UNITAR to bring climate science to African communities suffering the potentially negative impacts of climate change, and to make this information understandable and useful for adaptation
- Urban vulnerability/health/climate change – Work that brings together different speciality components of ENDA to address the interface of health dynamics and climate change in West African coastal cities in a research and practical action project to build capacity and mainstream climate in decision making among community leaders, health workers and city health departments
- Coastal fisheries, CC and adaptation – A project in which two entities of ENDA work with government and local decision making bodies to address the needs of fishing communities along the West African coast faced with many threats to their livelihoods including increasing climate change, in order to mainstream climate in policy making on fisheries and devise deployable adaptation strategies for communities
- Cities and climate change – ENDA will continue and expand its field and desk-based research into the impacts and implications of climate change for African towns and cities. This work, which will be undertaken with local decision-makers, will result in the development of a tool for measurement of urban vulnerability to climate change
- Pure research project – ecosystem functionality and management – This research project studies the functionality of floodplain ecosystems, historically one of the most important ecosystems for human settlement and survival yet increasingly, one of the most seriously degraded in terms of biological capacity; the study focuses on how a

floodplain ecosystem actually functions and socio-ecological resilience in the light of endogenous processes such as climate change and the global economy that impact on ecological goods and services.

## **Activities - Knowledge Management**

- Knowledge Sharing Projects
  - Africa-Adapt – a project implemented by four partners, aimed at knowledge gathering on climate change and adaptation and dissemination of that knowledge among a wide range of stakeholders including researchers, development practitioners, policy and decision makers at a variety of levels from community to national and supranational.
  - Indigenous Knowledge Bank – The project seeks to collect, validate, categorise, index and store 'local' or 'indigenous' knowledge held in Africa and elsewhere including an electronic record of all data collected. The task then is to make the database accessible using existing knowledge sharing platforms and by other non-electronic means of dissemination, to demonstrate how indigenous knowledge could and should be mainstreamed into vulnerability and adaptation work in applicable situations so that adaptation builds upon pre-existent resources and does not usurp or replace the reservoir of historically produced knowledge.
  - Global Community-based Network The network, which will be implemented in Africa and elsewhere in the global south, will enable community scale interest groups (CSOs, CBOs, local livelihoods groups, local decision makers, other groups in civil society) to share local wisdom and experiential evidence on climate lives and livelihoods gained at the local level. An important feature of the network is that it allows people to speak in their own languages and to describe climate issues using meanings and definitions that are relevant to their own everyday lives and livelihoods.
  - WeAdapt – ENDA is a core founder member of the we-Adapt group, led by SEI-Oxford, which is developing a multi-functional platform for adaptation to climate change, tools and training. ENDA proposes to extend its contribution to this project, particularly in the field of social dimensions of climate change and community-based adaptation.
  - Other networks and advocacy – ENDA will extend its strategic dissemination of knowledge on climate change through active participation and coordination of vital networks that also support increased participation of civil society in climate action; these include 'franclimat' in the Climate Action Network (CAN) and Drynet.
- Publications – ENDA has long published pedagogic, reflective and scholarly material and in 2009 will extend this work to include production of the popular journal

'Tiempo' (francophone), Bulletin Africain and several bilingual (French and English) e-bulletins and briefings that focus on a practical approach to climate and adaptation in the context of sustainable development.

- Workshop series and Fellowship scheme – These programmes adopt a pedagogic approach to climate and development seeking to develop capacity in potential future African researchers, practitioners and decision-makers through specialist training at ENDA's Dakar hq. and in the field in order to build training skills.

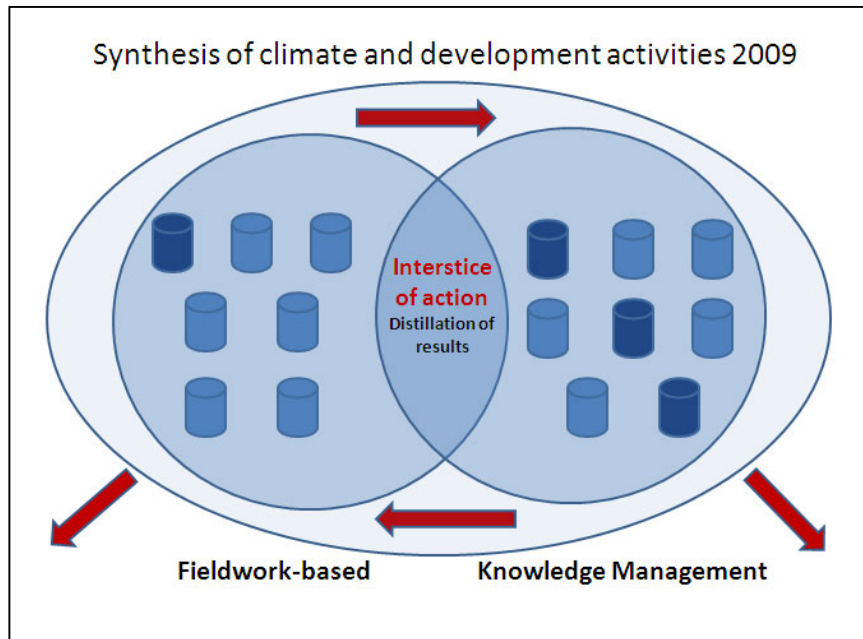


Figure 1 Synthesis of ENDA's climate and development activities 2009-2010

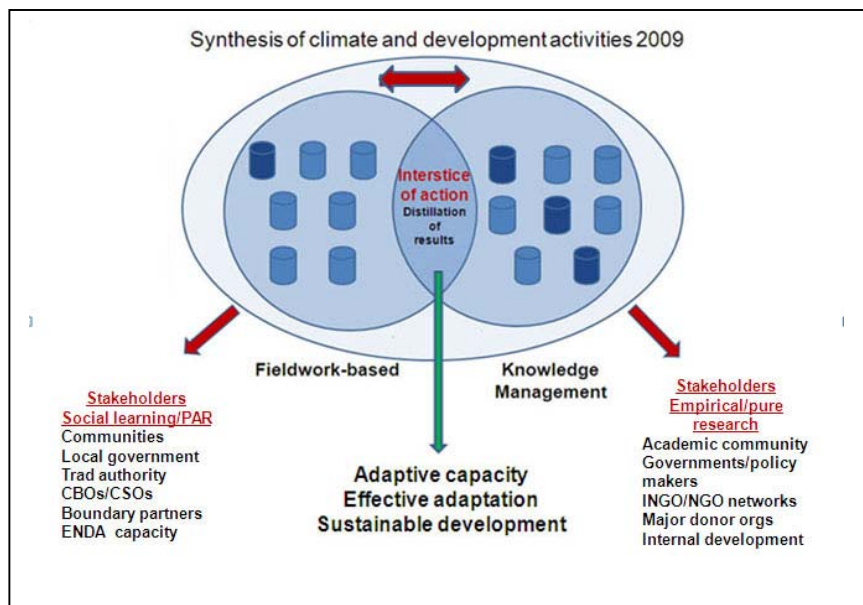


Figure 2 Stakeholders and productivity of ENDA's climate and development activities 2009-2010

## **Summary of expected results**

- ENDA developed as regional centre of excellence in training and capacity building for adaptation in Africa with suite of training tools and methods of dissemination
- Perfect a range of knowledge and information gathering, storage and exchange techniques
- Enhanced multi-disciplinary climate and development research establishment for West Africa
- Regional contributor to projected outcomes of NWP

## **Indicators**

- Number of adaptation actions undertaken by communities particularly in food, water, health and energy security
- Range of stakeholders using knowledge management products to beneficial effect
- Number of trainees and policy makers whose ability to transfer knowledge and skills has been enhanced
- Range of research papers, publications and other modes of dissemination including narratives, analysis and comparisons of work undertaken

## **Conclusions**

In conclusion, ENDA sees the Nairobi Work Programme as an ideal platform to promote the activities that are taking place to scale up work in building adaptive capacity adaptation for sustainable development. As Figures 1 and 2 demonstrate, there is a clear strategy at ENDA to promote effective adaptation at a variety of levels. The aspirations of the NWP are substantially in line with those of ENDA and thus, it becomes incumbent on ENDA to support the NWP with this action pledge and report periodically on progress during the Second Phase of its implementation