

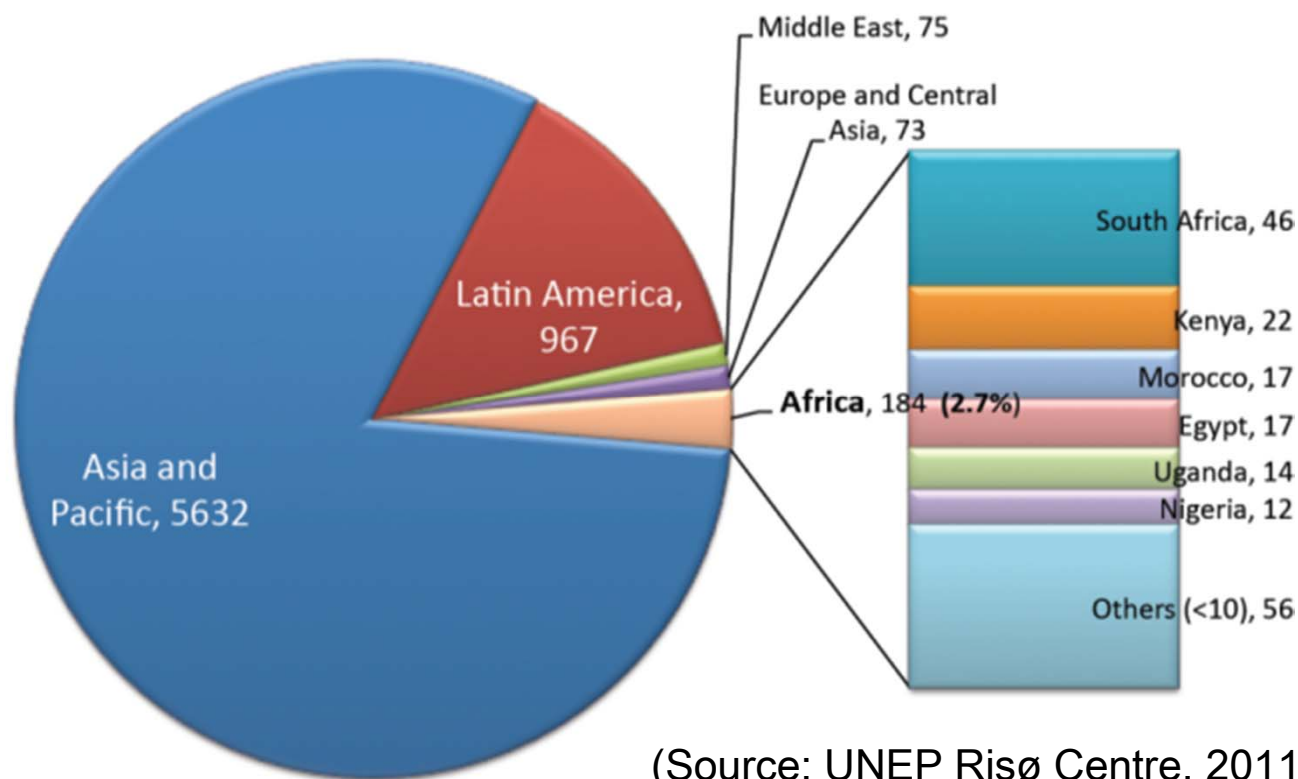
**Capacity Building Project for  
Measurement, Reporting and Verification (MRV) of  
Greenhouse Gas (GHG) Emission Reduction in Africa**

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Ministry of the Environment, Japan (MOEJ)**

## Project Background

- Limited benefits from the existing market mechanisms in spite of strong need for sustainable development of African countries.



(Source; UNEP Risø Centre, 2011.10)

## Project Period

June 2011 - March 2012

### Target Countries

Group1 Ghana, Morocco, Senegal

Group2 Kenya, Tanzania, Uganda

Group3 Mozambique, South Africa, Zambia

Group4 Democratic Republic of the Congo (DRC), Egypt,  
Ethiopia, Nigeria

### Project Implementing Entities

INGEROSEC Corporation

Climate Experts Ltd.

UNICO International Corporation

OSUMI Co., Ltd.

## Project Objectives

- Conduct capacity development program on MRV of potential projects for future crediting under new market mechanisms such as the BOCM (Bilateral Offset Credit Mechanism).
- Find out potential GHG emission reduction projects / programmes for future crediting under market mechanisms including the BOCM.
- Find out potential verification entities to implement MRV for GHG emission reductions.

### Relevant Events (co-hosted by project team)

- COP17 Side Event
- International Workshop in Tokyo  
(February, 2012)



## Project Activities



- Preliminary Survey
  - Find out a counterpart (C/P) in each target country. (mostly CDM DNA: Designated National Authority)
  - Interview with relevant governmental agencies and private companies. (for Data collection and analysis)
- 1<sup>st</sup> Local Coordination
  - Reach agreement with C/P in terms of cooperation for this project.
  - Hold a workshop with C/P.
  - Consultation with relevant governmental agencies and private companies.
  - Find out the potential GHG emission reduction projects.
- 2<sup>nd</sup> and 3<sup>rd</sup> Local Coordination
  - Hold a workshop with C/P.
  - Discussions with relevant governmental agencies and private companies.
  - Find out potential verification entities and support them to conduct model MRV.

## Project Status and Schedule – Group1 (Ghana, Morocco, Senegal)

	7	8	9	10	11	12	1	2
Ghana			○		②		③	
Morocco	★		○		②		③	
Senegal			○		②		③	
	Preliminary Survey		1 <sup>st</sup> Local Coordination		2 <sup>nd</sup> Local Coordination		3 <sup>rd</sup> Local Coordination	International Workshop

★ Africa Carbon Forum (7/4-6)    ○ 1<sup>st</sup> Workshop (2-days)    ② ③ 2<sup>nd</sup> & 3<sup>rd</sup> Workshop (tentative; 2-days)



Palais des Congres, Morocco (7/4-6)

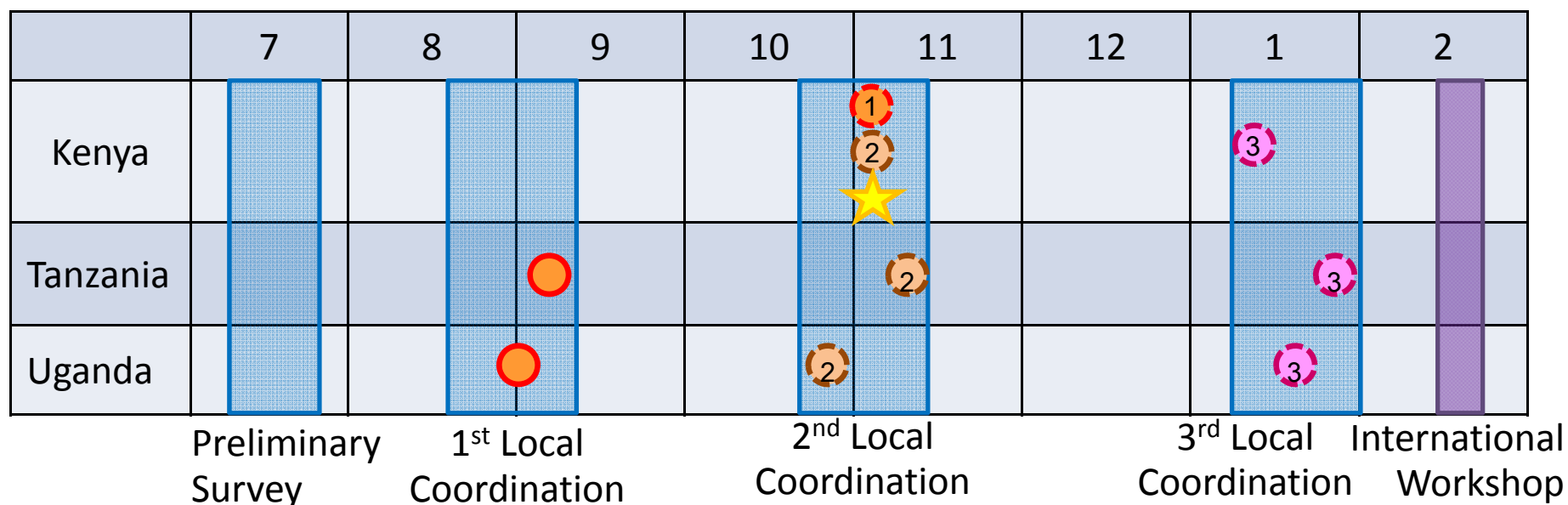


Novotel Accra City Center, Ghana (9/14-15)



Direction de l'environnement et des établissements Classés (DEEC), Senegal (9/21-22)

## Project Status and Schedule – Group2 (Kenya, Tanzania, Uganda)



Protea Hotel, Tanzania (8/31)



Hotel Silver Springs, Uganda (9/7)



Protea Hotel, Tanzania (9/1)

## Project Status and Schedule – Group3 (Mozambique, South Africa, Zambia)

	7	8	9	10	11	12	1	2
Mozambique					1		2	
South Africa					△ ★		△	
Zambia			○		2		3	
	Preliminary Survey	1 <sup>st</sup> Local Coordination			2 <sup>nd</sup> Local Coordination		3 <sup>rd</sup> Local Coordination	International Workshop

○ 1<sup>st</sup> Workshop (2-days)

1 2 3 1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> Workshop (tentative; 1-2days)

★ COP 17 Side Event (11/29)

△ Presentation (tentative; 1 day)



Department of Energy, Zambia (9/15)



Hotel Cardoso, Mozambique (9/1)



World Bank, Zambia (9/13)



# Project Status and Schedule – Group4 (DRC, Egypt, Ethiopia, Nigeria)

	8	9	10	11	12	1	2
DRC				1		2	
Egypt				1		2	
Ethiopia				1		2	
Nigeria						1	
	Preliminary Survey		1 <sup>st</sup> Local Coordination		2 <sup>nd</sup> Local Coordination		International Workshop

1 2 1<sup>st</sup> & 2<sup>nd</sup> Workshop (tentative; 2days)



Ministry of State for Environmental Affairs, Egypt (9/7)



Climate Change Unit/EEAA, Egypt (9/7)



Participatory Forest Management Project Site Map, Ethiopia

## Findings

- Constraints to conduct GHG emission reduction projects including MRV in Africa
  - Limited financial support, knowledge, capacity in governmental agencies
  - Limited participation of private companies
  - Lack of coordination among various governmental agencies and donors
  - Relatively small scale of projects
  
- Opportunities for GHG emission reduction projects, MRV, and new mechanisms in Africa
  - Strong interests for future crediting mechanism
  - Existence of various donors to support climate mitigation projects
  - Potential for coordination with NAMAs
  - Cooperation with research institute (e.g. university)
  
- Issues need to be considered to establish new mechanisms
  - Co-existence with Kyoto Mechanisms
  - Coordination with existing donors
  - Sustainable technology transfer



Edurando Mondale University,  
Mozambique (8/29)