

# Overview of the CDM in Uganda

**Makerere University Kampala**

Friday, 14<sup>th</sup> March 2013



## Institutional Framework



## Project status



## Capacity Development



## Benefits of CDM



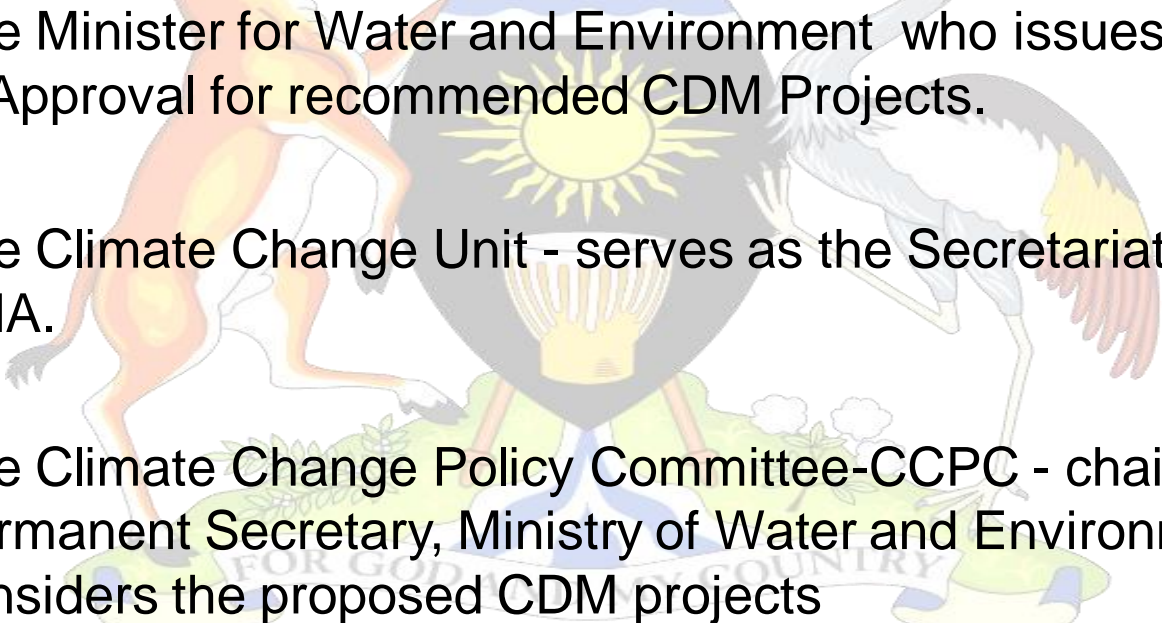
## Institutional Framework



## DNA Framework

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Developing countries that are Party to UNFCCC and Kyoto Protocol and wish to participate in the CDM, must put in place the institutional framework known as the Designated National Authority (DNA).

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- The background of the slide features the coat of arms of Botswana. It depicts a central shield with a sunburst and a traditional beaded basket. The shield is flanked by a rearing orange and white horse on the left and a grey and white ostrich on the right. Above the shield are two crossed spears. Below the shield is a banner with the motto 'FOR GOD AND MY COUNTRY'.
- i) The Minister for Water and Environment who issues the Letters of Approval for recommended CDM Projects.
  - i) The Climate Change Unit - serves as the Secretariat for the DNA.
  - ii) The Climate Change Policy Committee-CCPC - chaired by Permanent Secretary, Ministry of Water and Environment - considers the proposed CDM projects

## Institutional Framework

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- There is high potential to exploit opportunities under the CDM in various areas such as renewable energy
- Government of Uganda is currently putting up more efforts to enhance the country's capacity to address various climate change actions (CCU, 2013)
- The National Climate Change Policy has been approved and adopted -prioritizes a number of sectors under Mitigation (CCU, 2013)
- Uganda's Vision 2040 launched last year, further embraces the co-benefits of the country undertaking various mitigation efforts including promotion of CDM and other market mechanisms that may come on board in the future (CCU, 2013)





## Project status



# Projects on the ground – What do they look like?

	Solar lighting and heating
	Waste Management
	Water Purification
	Cookstoves
	Forestry
	Hydro



*Solar energy panels*



*Afforestation and Reforestation*



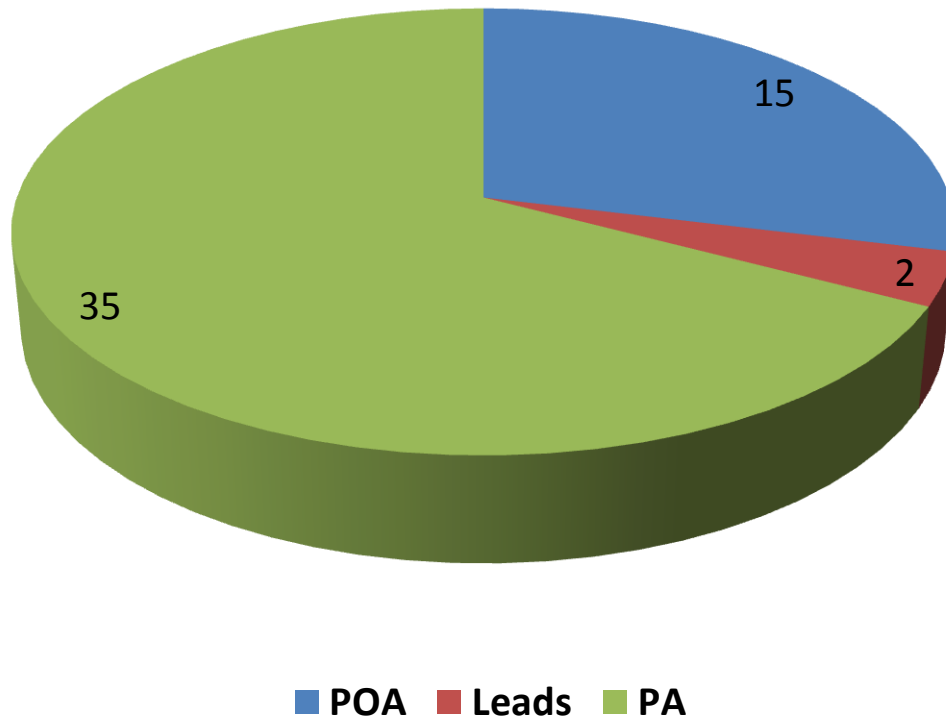
*Energy Efficient Cookstoves*



## Projects On the Ground

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### Uganda CDM Projects



A total of 50 Projects in the UNFCCC CDM Pipeline

Both Stand-alone and Programme of Activities (Single and Multi-country)

Projects distributed across the country

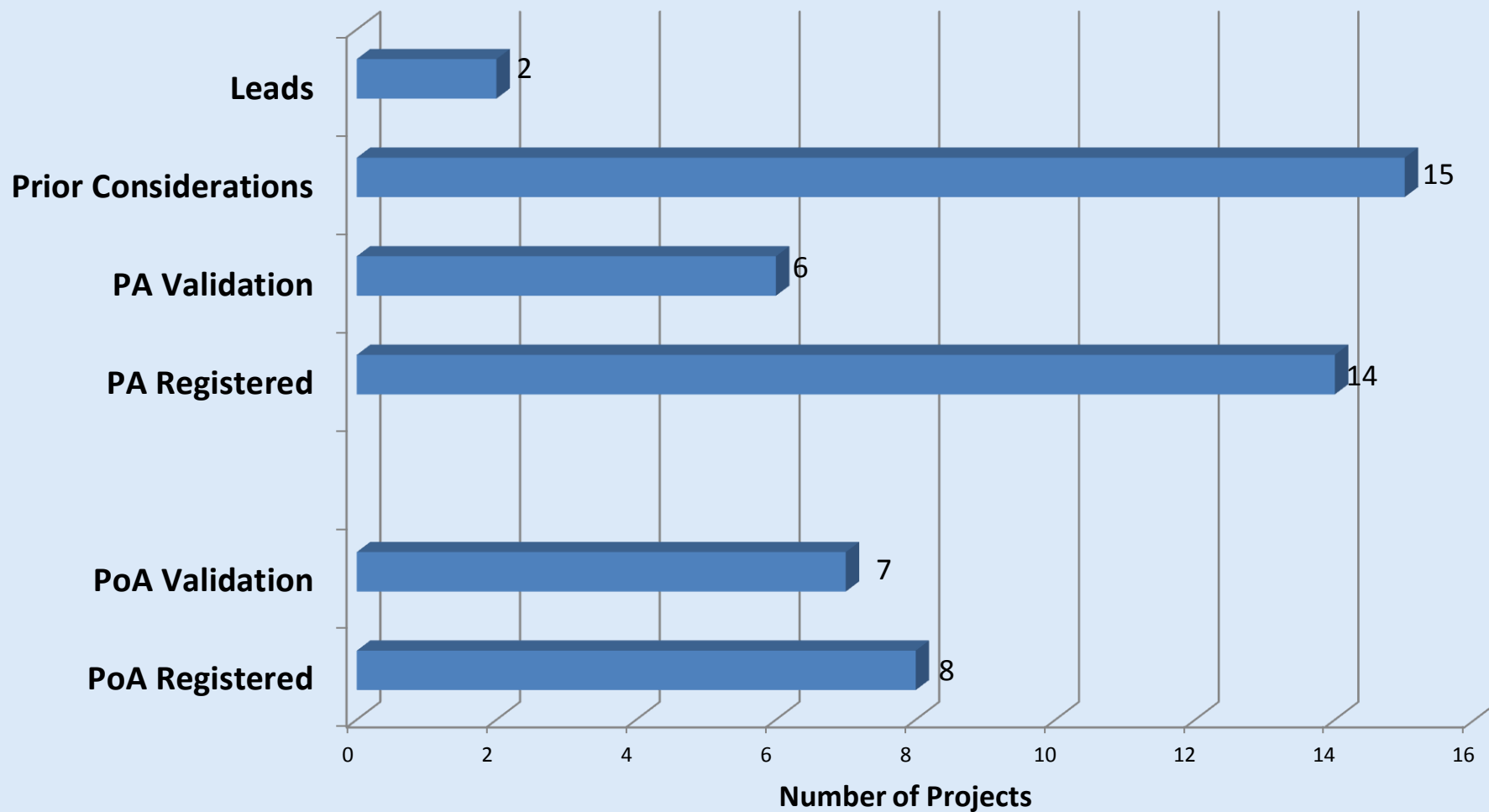
Data as of March 2014;  
UNFCCC





## Projects on the ground

### Uganda CDM Project Status



Data as of March 2014;  
UNFCCC

## Registered Project Activities

	Project	Sector	POA/PA	Reductions (tco2e)
1	Namwasa Central Forest Reserve Reforestation Initiative	Reforestation	PA	11,328
2	Uganda Nile Basin Reforestation Project No 2	Reforestation	PA	4,861
3	Uganda Nile Basin Reforestation Project No.3	Reforestation	PA	5,564
4	Ishasha 6.6 MW Small Hydropower Project	Hydro	PA	19,621
5	Uganda Nile Basin Reforestation Project No 1	Reforestation	PA	5,881
6	Mpererwe Landfill Gas Project	Landfill gas	PA	18,261
7	Uganda Nile Basin Reforestation Project No 4	Reforestation	PA	3,969
8	Anaerobic digestion and heat generation at Sugar Corporation of Uganda Limited	Methane avoidance	PA	46,974
9	Bujagali Hydropower Project	Hydro	PA	858,173
10	Buseruka Mini Hydro Power Plant	Hydro	PA	31,468
11	West Nile Electrification Project (WNEP)	Hydro	PA	36,210
12	Bugoye 13.0 MW Run-of-River Hydropower Project	Hydro	PA	51,074
13	Uganda Nile Basin Reforestation Project No.5	Reforestation	PA	5,925
14	Kachung Forest Project: Afforestation on Degraded Lands	Afforestation	PA	24,702



## Registered Programme of Activities

1	PoA for the Reduction of emission from non-renewable fuel from cooking at household level	Stoves	PoA	51,385
2	Green Light for Africa	Lighting	PoA	31,099
3	Improved Cook Stoves for East Africa (ICSEA)	Stoves	PoA	40,577
4	Uganda Municipal Waste Compost Programme	Landfill gas (composting)	PoA	83,700
5	African Clean Energy Switch – Biogas (ACES-Biogas)	Methane avoidance (Domestic manure)	PoA	63,934
6	Project to replace fossil fuel based lighting with Solar LED lamps in Africa	Lighting	PoA	21,393
7	International water purification programme	Water purification	PoA	6,254
8	East Africa Renewable Energy Programme (EA-REP)	Solar & wind & other	PoA	18,442





Lifeline project -Lira



Waste Compost Programme-NEMA



Barefoot Power Lighting



Bugoye power hydro plant-Kasese





## Capacity Development

# Capacity Development

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Capacity building to boost CDM development in Uganda

Program initiatives in place to build capacity among CDM project developers/stakeholders

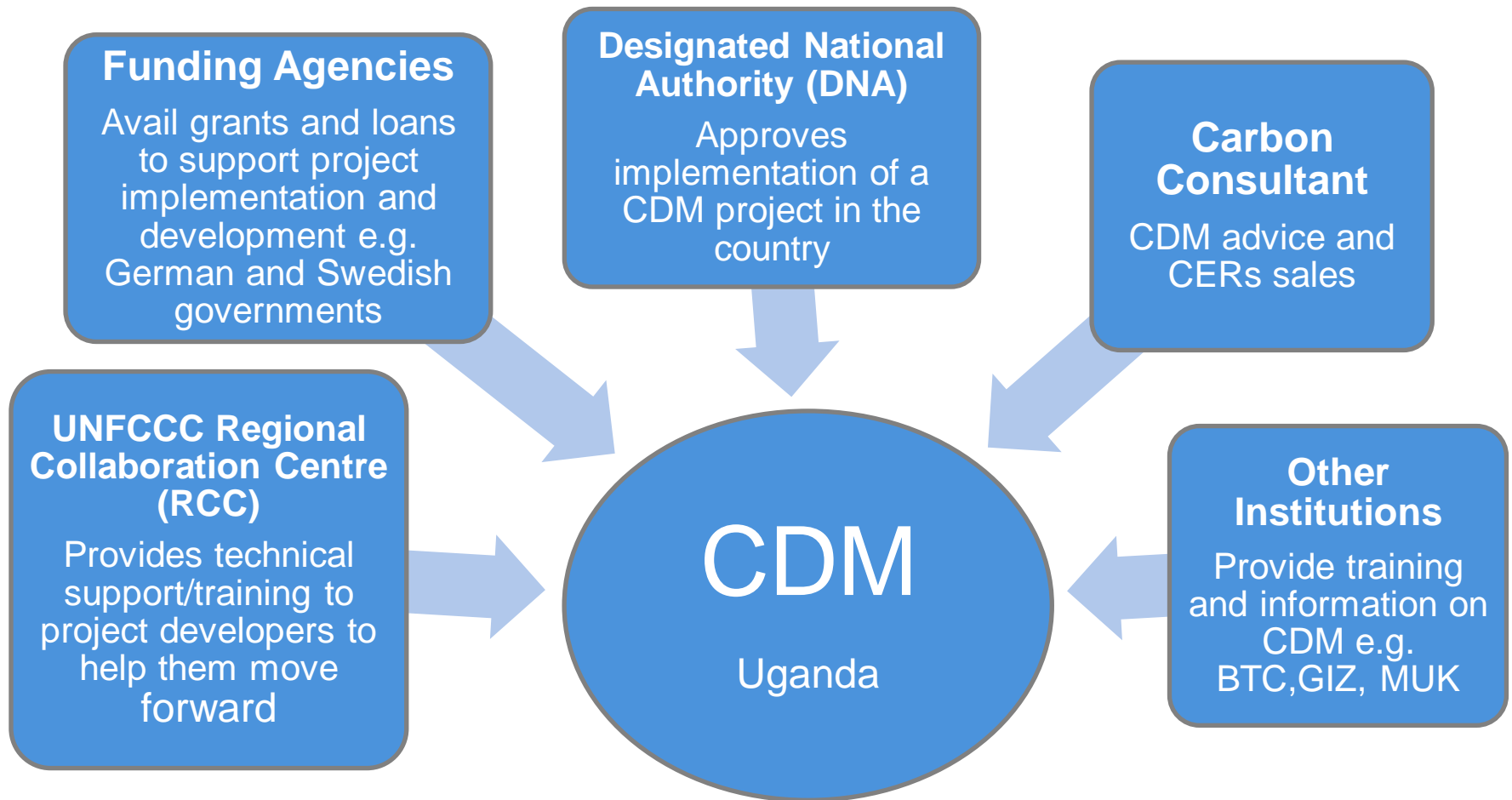
Promote sustainable development in the country

Overcome key challenges in development of projects





# Who is Involved?



# Objectives

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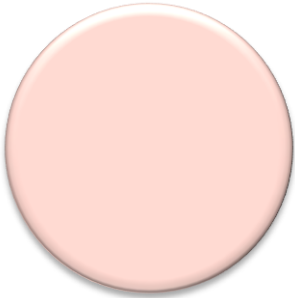


Benefits of CDM



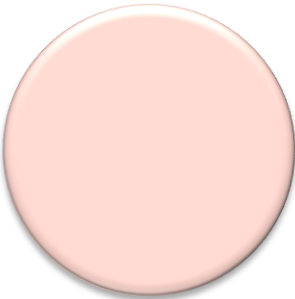
# Benefits

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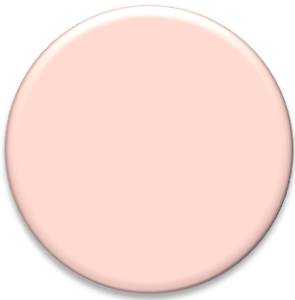
## **Environmental**

- GHG Emission reductions contributing towards the Global Climate Change cause
- Sustainable development



## **Social**

- Employment Opportunities
- Infrastructure development e.g. schools, hospitals
- Better standards of living e.g. safer water, health benefits



## **Economic**

- Income from sale of Carbon credits
- Technology transfer



# Thank you for your attention

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## **CDM Regional Collaboration Centre**

A collaboration between the UNFCCC Climate Change Secretariat  
and the East African Development Bank

EADB Offices, No. 4, Nile Avenue  
P.O. Box 7128, Kampala, Uganda  
Phone: +256 (0) 312517814



**United Nations**  
Framework Convention on  
Climate Change

