




# 6<sup>TH</sup> ANNUAL PARTNERSHIP RETREAT THE ENHANCED TRANSPARENCY NETWORK

Ghana's National Adaptation Action in the  
NDC : Approach to reporting

Presented by  
Environmental Protection Agency, Ghana



# Content

- Overview of Ghana's adaptation process and elements
  - Overview of NDC development process
  - Adaptation in NDC
  - Reporting process/form
  - Challenges/Way forward
- 



# Background

- Started in 2006 using a participatory approach
- In line with
  - National Medium Term plan
  - National Development Planning Framework
  - Climate Change Policy
  - Hyogo Framework of Action
- Duration: 2010-2020

# Elements of the Strategy

- **Goal**
  - Enhance Ghana's current and future development by strengthening its adaptive capacity to climate change.
- **9 objectives**
  - focuses on improving awareness, mainstreaming, robustness of development infrastructure, enhancing resilience of ecological and societal systems and promoting technological innovation
- **Strategic themes**
  - Livelihoods
  - Energy
  - Agriculture
  - Health
  - Fisheries management
  - Land use
  - Water
  - Early Warning

# Adaptation Programmes

10 top priority adaptation programmes were developed using “The Akropong Approach”

•Identifying and enhancing early warning system	•Managing water resources as climate change adaptation to enhance productivity and livelihoods
•Minimizing impact of climate change through improved land use	•Minizing climate impact on soci-economic dev't thro' diversification
•Sustaining livelihood through enhanced fisheries management	•Minimising climate change on humans through improved access to health care
•Adapting climate change through enhanced research and awareness	•Develop demand and supply side measures for adapting the national energy system to impacts of climate change
•Developing environmental sanitation strategies and adapt to climate change	•Minimizing climate change for the poor and vulnerable.




# Implementation of programmes

- African Adaptation programme
- Climate change and human health project
- Gender mainstreaming
- Institutional capacity building
- Developing an investment plan



# NDC development process

- Crafted with due consideration to various national & international policies - GSGDA, 40 year plan, SDGs and adaptation strategy
  - Used participatory approach- sector working groups
    - ✓ Mitigation working group
    - ✓ Adaptation working group
- 

# Con't

- **11 adaptation** and 20 mitigation programmes in seven priority Sectors
  - ✓ Sustainable land use including food security
  - ✓ Climate proof infrastructure
  - ✓ Equitable social development
  - ✓ Sustainable mass transportation
  - ✓ Sustainable energy security
  - ✓ Sustainable forest mgt
  - ✓ Alternative urban waste mgt.
- Duration 2020-2030



# Adaptation in NDC

NDC policy actions	Priority Adaptation programmes
Agriculture resilience building in climate vulnerable landscapes <sup>3</sup>	Socio-economic development thro' agriculture diversification
Value addition-based utilisation of forest resources <sup>2</sup>	Promote sustainable utilisation of forest resources thro' REDD+
City-wide resilient infrastructure planning	Make infrastructure climate proof/promote vertical development of buildings
Early warning and disaster prevention	Increasing resilience to climate change-identifying enhancing early warning systems

# Con't

NDC policy actions	Priority Adaptation programmes
Managing climate induced health risk <sup>2</sup>	Minising climate change impacts on human health through improved access to health care
Integrated water resources management	Managing water resources- to enhance productivity and livelihoods
Resilience for Gender and the vulnerable	Minimising impacts of climate change for the poor and vulnerable

# Adaptation reporting process


- Use existing structures
- Mainstreamed climate actions into broader sectoral plans
- NDPC planning framework- Embedded climate change reporting into national level M & E framework

# Adaptation reporting


- Ghana reports on adaptation activities in the following sectors
  - ✓ Agricultural sector - Root and tuber, cocoa and fisheries( building resilience)
  - ✓ Land management – land degradation and desertification
  - ✓ Climate change and health
  - ✓ Gender and women
  - ✓ Adaptation technologies being developed in the water and agric sectors



# Form of reporting

- Nationally & Internationally
  - ✓ Organise awareness creation workshops
  - ✓ Make presentation on intervention actions when required
  - ✓ Publish reports e.g 2<sup>nd</sup> and 3<sup>rd</sup> communication
  - ✓ On-line portal
- 

# On-line portal



**CLIMATE CHANGE DATA HUB**

FORUM | [Sign in / Log out](#)


HOME | GHG DATABASE | DERS | POLICIES & MEASURES | PUBLICATIONS | CONTACT US

## WELCOME

This data hub is part of the reform in the national system for climate reporting. It contains data/information on climate actions from sectors, cities and project owners. It serves as a one-stop-shop platform where users can access reliable information on climate actions and their effects as well as on support and policies behind them as far as possible. The data/information are packaged into three main portals listed below;

- Greenhouse gas emissions database (GHG-D) containing information on activity data, emission factors and emission estimate for 5 sectors.
- Domestic electronic registry system (DERS). The DERS contains specification details on climate actions and implementation effectiveness.
- Dashboard of climate change policies and measures (D-PaMs).


The data and information contained in hub are already processed and updated to 2012 and will be regularly updated as new datasets come through the data exchange pipeline.



### GHG emissions database

This contains archived dataset used for the calculation of the national GHG emission estimate for 1990-2012. It is meant to improve archiving of GHG data and also ensure that the general public have access to them.


[READ MORE](#)



### Domestic electronic registry system

The DERS is a centralized data point for climate actions in ministries, cities and project levels with funding from multiple sources. It also contains information the climate actions and their effect, implementation status, key achievements and impacts.

[READ MORE](#)




### Climate policies & measures database

The D-PaMs is the dashboard of climate policies and measures in the key productive economic sectors in Ghana. The dashboard helps to track the progress of implementation of actions under the PaMs.

[READ MORE](#)

## Country Stats



**Location**  
Africa

**Total Area**  
238,533 sq km

**Population**  
25,241,998 (2011)

**GDP per capita**  
\$1,461 (2014)

**Population below National poverty line**  
28.5% (2006)

**CO2 emission estimates per capita**  
0.71 Tons (2012)

**Cost of Environmental Degradation**  
8.95% of GDP (2012)

**Total National Emissions Stock**  
33.7MtCO<sub>2</sub>e (2012)

## Country Documents

- Ghana Shared Growth Development Agenda (2014-2018)
- National Climate Change Policy (2014)
- Ghana's Intended Nationally Determined Contributions (2015)
- Bi-Annual Updates Report (2015)
- Third National Communication (2015)
- GHG Inventory Report (2015)
- Technology Needs Assessment (2008 - 2013)
- NAMA Investor Guide

# Publications

## GHANA'S THIRD NATIONAL COMMUNICATION REPORT TO THE UNFCCC



2015 Climate Change Report

## GHANA'S FIRST BIENNIAL UPDATE REPORT

GHANA'S FIRST BIENNIAL UPDATE REPORT



2015 Climate Change Report

# Challenges/Way forward

## ■ Challenges

- How to effectively capture adaptation actions and their effects (indicators Integration approach - build MRV into existing M&E system)
- Capacity gap
- Access to good quality data (missing data, non-existing data)
- Limited funds (donor-dependent and no/low national budgetary allocation)

## ■ Way forward

- National reporting system for adaptation being worked on
- Link to National reporting system
- Bringing all stakeholders on board- Decentralization of reporting tasks to line ministries (long-term sustainability & ownership)
- Continuous training of team members