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*ANTWI-BOASIAKO AMOAH – ENVIRONMENTAL PROTECTION AGENCY*

**GHANA'S NATIONALLY DETERMINED  
CONTRIBUTION: IMPLEMENTATION STATUS**

# OVERALL CONTEXT

- SGDs and Paris Agreement (PA) in 2015
- Parliamentary Ratification in 2016
- Ghana's commitment to PA contained in its nationally determined contributions (Gh-NDCs).
- Gh-NDCs, 10-year climate action made up of 21 mitigation and 10 adaptation actions.
- Covers 7 economic sectors (Water, Agric, Forestry, Energy, Gender, etc)
- Investment needed is 22.4 billion. GoG is to mobilize 1.6 billion include existing public investment
- Preparation of Gh-NDC implementation plan underway
- Active mobilization of financial resources from Green Climate Fund (GCF)

# LINKAGE BETWEEN, GSGDA 2, SDGS AND GH-NDPCS

## Linkages among Coordinated Programmes, SDGs, GSGDA 2, NCCP, LCDs

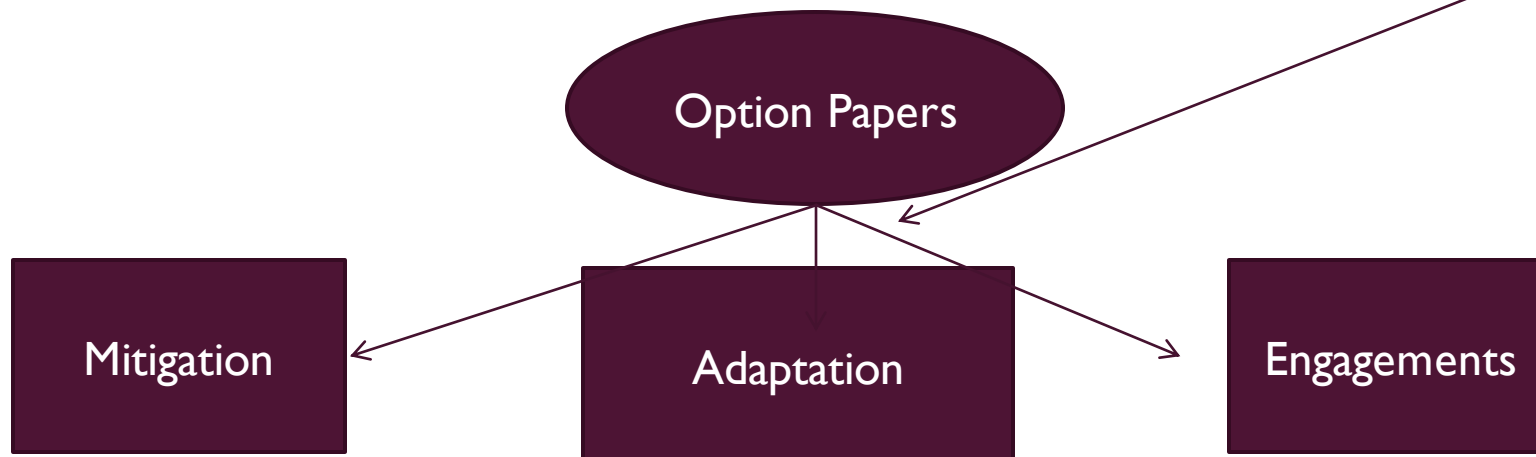
<p>Goal 7: Affordable and Clean Energy</p>	<p>expanding infrastructure services</p>	<p>Oil and gas development Infrastructure and human settlements development</p>	<p>Energy, Industrial and Infrastructural Development</p>	<p>Scale up renewable energy penetration by 10% by 2030.</p> <p>Promote clean rural households lighting</p> <p>Expand the adoption of market-based cleaner cooking solutions.</p> <p>Double energy efficiency improvement to 20% in power plants</p>	
<p>Goal 8: Decent work and economic growth</p>	<p>investing in people</p>	<p>Human Development, Productivity and Employment</p>	<p>Equitable social development <i>(focus area 8: addressing gender issues in climate change)</i></p> <p>Equitable social development <i>(focus area 9: Address climate change and migration)</i></p> <p><i>(focus area 3: increase resilience of vulnerable communities to climate related risks)</i></p>	<p>Scale up Sustainable mass transportation</p>	<p>Integrated water resources management</p>

## Background/Context

- Ghana submitted its nationally determined contributions (GH-NDCs) to the UNFCCC in September 2015 before COP 21 held in Paris in December the same year
- Ghana's submission was in response to key COP decisions by the UNFCCC
  - COP 17, COP 18, COP 19, COP 20 and COP 21
- Ghana's NDC is anchored on the anticipated 40-year long-term development, GSGDA, NCCP and many other national policies
- The NDC has a first 10-year commitment period starting from 2020 with the possibility of mid-term review in 2025

## The iNDC Process in Ghana

- Ghana's iNDC was prepared through a comprehensive and participatory process with high-level cabinet approval
- Started with the development of 3 option papers



1. Review of available iNDCs at the time
2. Identify, collect and make available all current documents on National and sector wide strategies
3. Review and identification of priority areas



## Who were Involved

- Two main country technical working groups were formed to work on mitigation and adaptation issues
- Another group on cross-cutting issues including means of implementation, engagements, awareness raising, etc.
- Working groups were made up reps from the MDAs, Academia, private sector and CSOs
- Stakeholder workshops were held before and after Paris on the iNDCs

## KEY HIGHLIGHTS

- Consists on mitigation and adaptation commitments
- Has both conditional and unconditional commitments
- 31 programme of actions (20 mitigation and 11 adaptation actions)
  
- Implementation phases (10-year plan)  
a. Readiness (2017-2019) b. NDC1(2020-2024) c.Review period (2025) c. NDC2 (2026-2030)

- **Mitigation Goal:**

***Ghana's emission reduction goal is to unconditionally lower its greenhouse gas emissions by 15 percent relative to a business as usual (BAU) scenario emission of 73.95MtCO<sub>2</sub>e by 2030. And additional 30 percent conditional emission reduction is attainable***

## Key Highlights of Ghana's (i)NDC (I)

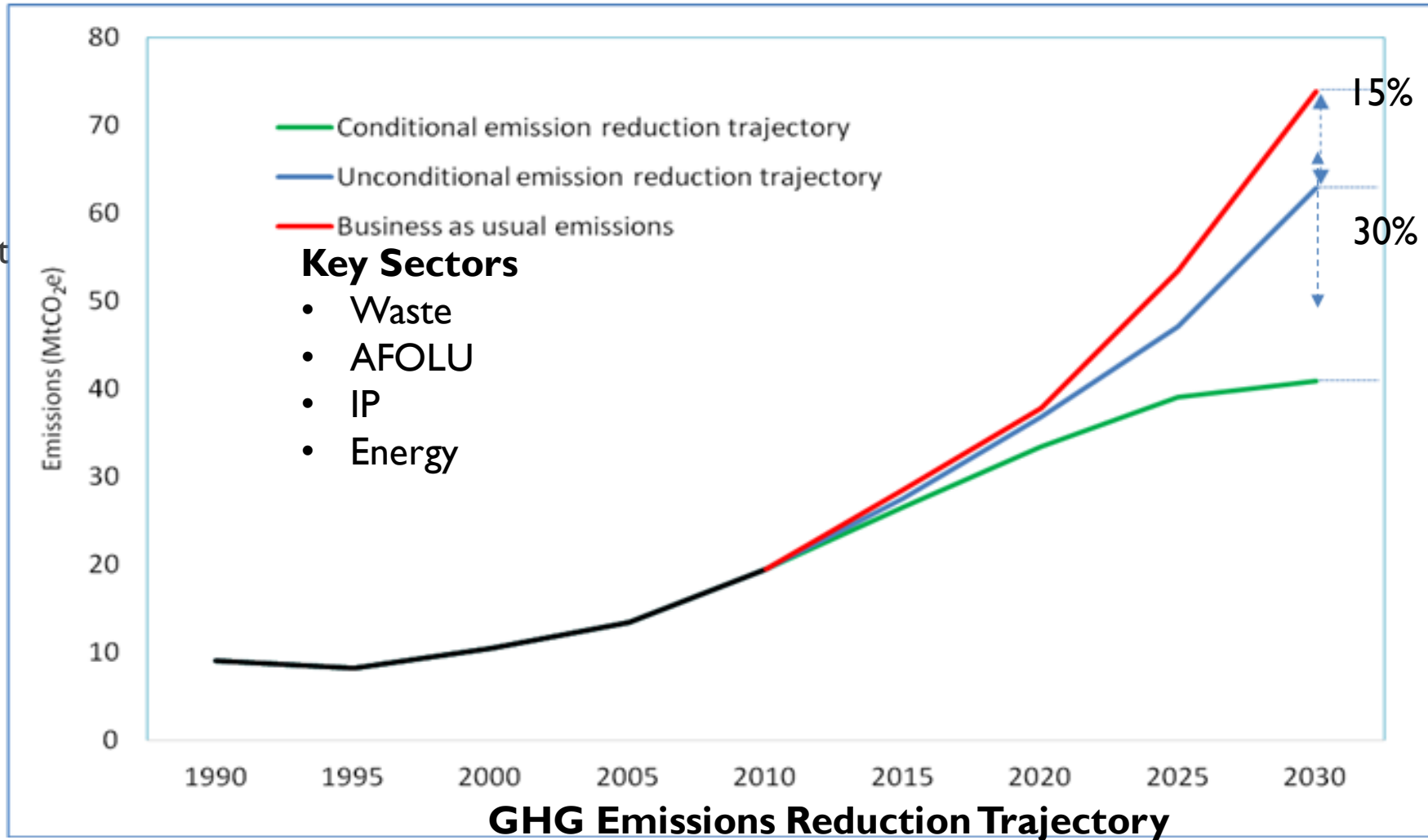
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Mitigation  
commitment



## Key Highlights of Ghana's (i)NDC (3)

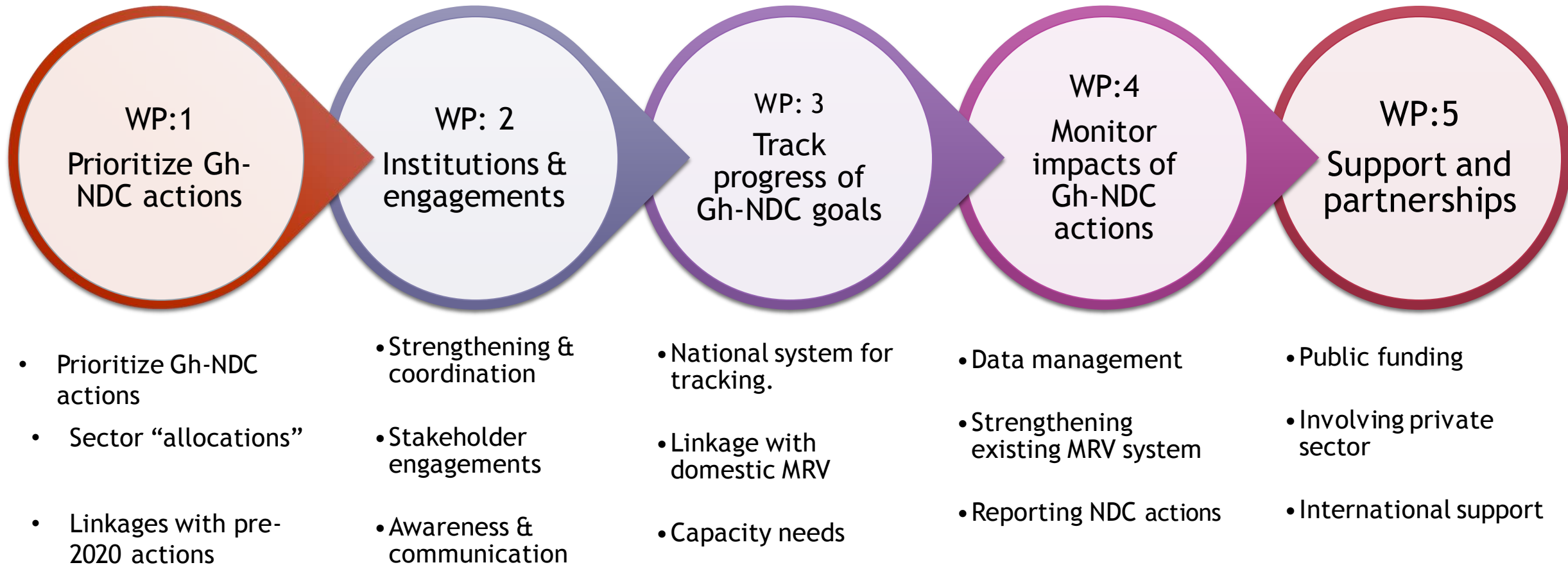
### Adaptation Goal

*The long-term goal of Ghana's adaptation is to increase climate resilience and decrease vulnerability for enhanced sustainable development.*

### Adaptation under Ghana's (i)NDC is informed by:

- good governance and inter-sectoral coordination,
- capacity-building, the role of science, technology and innovation,
- adequate finance from both domestic sources and international cooperation,
- promoting outreach by informing, communicating and educating the citizenry and
- adhering to accountable monitoring and reporting.

# BUILDING BLOCKS FOR NDC IMPLEMENTATION



# OUTLINE OF GH-NDC IMPLEMENTATION PLAN

## Non- Technical Section

Chapter 1: Preamble (Principles we respect as we tackle climate change)

Chapter 2: Political will (Our motivation)

Chapter 3: National arrangements (Systems in place to support implementation)

Chapter 4: National climate actions (What we commit to do in a decade)

Chapter 5: Enabling implementation (Making it work)

Chapter 6 bis: Mobilizing Finance

Chapter 7: Transparency of support of our action (Being Accountable)

Chapter 8: Expected Outcomes (communicating progress and impacts)

Chapter 9: Summary of issues (Take home messages)

## Technical Annex (Sectors)

### **A. General sector information**

- A1. Sector endorsement
- A2. Sector Overview
- A3. Sector Vision, Policy, strategies and targets
- A4. Sector specific institution/roles

### **B. Information on Sector NDC Policy Action**

- B.1 Elaboration of Implementation strategies for selected Programme of action (PoA) I
  - B.1.1 Supporting policies/measures/regulation for PoA I
  - B.1.2 Full description for PoA I
  - B.1.3 Detailed implementation plan for PoA I
  - B.1.4 Demonstrating and communicating results matrix for PoA I

*Provide same information for PO2 —PO5 .....Etc.*

# LEAGUE TABLE – NON-TECHNICAL SECTION

Chapters		Persons	Status
Chapter 1	Preamble	DTB	97%
Chapter 2	Political will	CG	98%
Chapter 3	National Arrangements	FAY	80%
Chapter 4	Summary of national Actions	DTB	40%
Chapter 5	Enabling Implementation	YO	87%
Chapter 5b	Mobilizing finance	RM, DT, SD, AA	100%
Chapter 6	Transparency of support for action	YO	50%
Chapter 7	Expected Outcomes	CG, YO, FAY, DTB	10%
Chapter 8	Summary of Issues	FAY	0%

# LEAGUE TABLE – TECHNICAL SECTION (MITIGATION)

Chapters	Persons	Status
General section	KA	100%
Rooftop Solar Programme	KA	98%
Scaling Up Renewable Energy Program in Ghana	GT (100%)	98%
Scale up Kerosene Lantern Replacement Programme	GT(100%)	90%
Scale up adoption of National LPG Programme	GT(100%)	90%
Double energy efficiency improvements to 20% in thermal power plants	BS(??)	80%
Biogas	MG (90%)	70%
Transport (BRT and rails)	DE(???)	80%
Waste	GR (???)	75%
Forestry	RB, J, CD, KOP	95%
RAC sector	JB	98%

# LEAGUE TABLE – ADAPTATION

Chapters	Persons	By Friday
General section	ALL	
Agriculture (landscape approach???)	AA,AKA	40%
Gender and vulnerable	AA,AE, PD	95%
Water	ETO	40%
Disaster Risk Reduction	DD, CN	70%
Health	AE, CO	100%



# STATUS OF PLAN

- Non technical section 85% done.
- Technical section – mitigation 70%, adaptation 55% done.
- In all, 70% completion.



# DEMONSTRATION OF GH-NDCS PORTAL

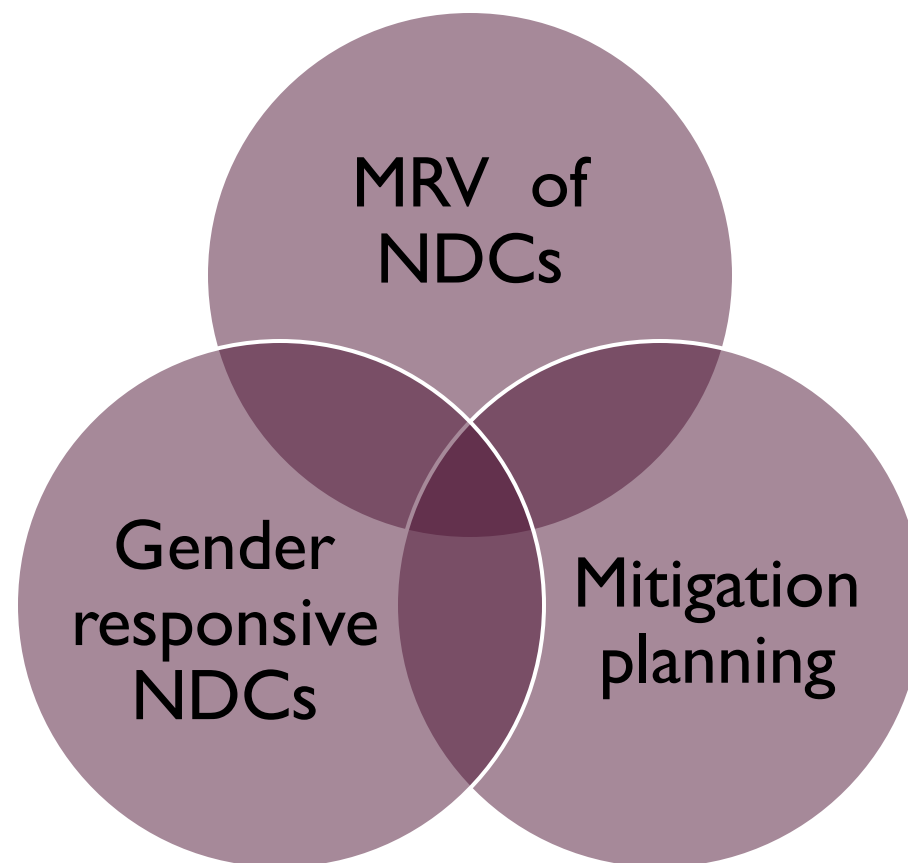
# OUTSTANDING TASKS

- Revision of budget? 22billion for 10 years
- Revision of baselines emissions? and emission savings target?
- Private sector programme
- Sub-national entities programme
- Special law to back Gh-NDCs target?
- Investment forum
- High-level forum
- Expanding sectoral template to sector Gh-NDC plans for selected sectors
- Climate Change Progress Report (Goal 13 tracker)?

# UNDP'S NDCS SUPPORT PROGRAMME

- Assist developing countries to scale up action in support of their National Determined Contributions (NDCs).
- Enhance technical and institutional capacity to implement NDCs in at least 18 countries,
- Facilitate the implementation of Ghana's NDCs, within a policy, institutional and operational framework that is forward looking and results driven.

# WORK PACKAGES



# MITIGATION PLANNING

## **Work package 2:**

- Inclusive policy instruments identified to reduce risks and incentivize participation of private sector in NDC implementation

## **Activities**

- Develop training packages tailored at how to access resources both locally and globally. Facilitate project development and match-making of project development with potential investment.
- Organize NDC investment forum with an active participation of national and international private sector players.
- Leverage on existing Climate Change Business Network Platforms to establish NDCs investment forum in Ghana headed by private sector

# MRV OF NDCS

## Work package I:

- Sectoral MRV systems designed or strengthened to ensure transparent MRV of multiple impacts, including SDG targets

## Activities

- Develop sectoral MRV systems and establish process to centralize MRV line with the UNFCCC reporting structures for National Communications (NC) & Biennial Update Reports (BUR) for two high priority Gh-NDC sectors.
- Support integration of Gh-NDCs indicators into the Annual Progress Report (APR).
- Incorporate climate indicators into industrial sector environmental reporting.

# EVIDENCE-BASED DESIGN & PLANNING OF MITIGATION ACTIONS

## **Main activities:**

- Economy-wide NDC mitigation targets refined and disaggregated as sectoral targets and achievable actions and
- Sectoral mitigation plans developed to achieve targets

## **Sub-activities**

- Develop disaggregated economy-wide Gh-NDC mitigation targets into sectoral mitigation targets;
- Develop sectoral Gh-NDC action plans



# GENDER RESPONSIVE NDCS

- Undertake gender assessments of climate planning, policy, and reporting mechanisms /instruments.
- Analyse national conditions to understand gender context of NDC implementation.
- Analyze/prioritize relevant sector policies, strategies from gender equality perspective.
- Establish/Develop gender equality tools, indicators and data systems to track and report on gender-responsive mitigation measures.
- Develop Action plan to incorporate findings, including measures/strategies to transform gender stereotypes in priority sectors.

# CONCLUSIONS

- Project support is timely.
- Will enable Ghana to complete the initial work its started doing
- High level support is crucial for the success of this work
- Private sector uptake will require practical rethinking
- Involvement of line ministries at this stage is extremely crucial