

## GROUP 4

A. Kwasi Opoku (Chair)

Esi Coleman

Victor Owusu

Dr. Roland Abrahams

Bernard Anaba

Dr. Eric Effah-Donyinah

Ethel Linda Mensah

Enoch Yeboah Agyepong (Rappporteur 1)

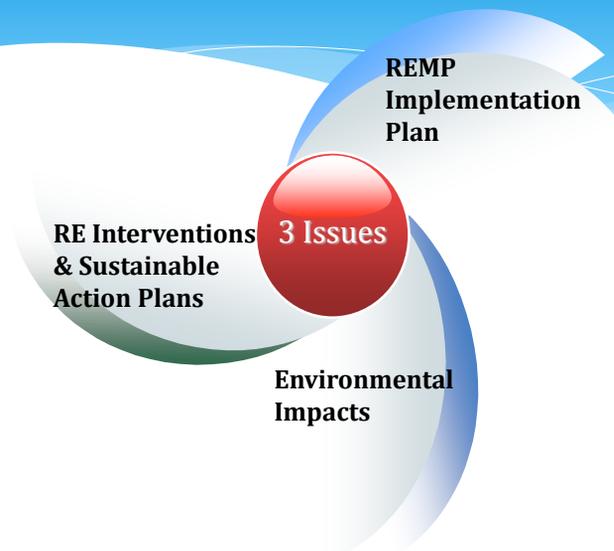
Dr. Nana Agyemang Derkyi (Rappporteur 2)

### In Attendance:

Kwabena Otu-Danquah

Eric Antwi-Adjei

# MANDATE



# APPROACH



# IMPLEMENTATION PLAN

TASK 1  
Ref: 50-55

## IMPLEMENTATION ARRANGEMENTS

### Timing

- \* Technically, already behind schedule (ref. 2016 if it stays same); modify schedule to have a chronicle of events to form a **preceding / preparatory phase**, and speed up things or stretch timing in C1.
  - \* C1 - (a) Preparatory Phase 2016-2018, (b) 2 years to end?
  - \* C2 - 5 years
  - \* C3 - 5 years
- \* Keep timeline to end in 2030 (aligned to other global agenda)
- \* If actions are not achieved in each cycle, they should be carried over to the next cycle as per the review results
- \* Table should have summary of MWs at each category (at end of each cycle, and cumulative periods to the end of 3<sup>rd</sup> cycle)

## IMPLEMENTATION ARRANGEMENTS

### Scope

- \* There should be prioritization
- \* Coordinating unit: Procurement, partnerships, etc

## IMPLEMENTATION ARRANGEMENTS

### Strategy

- \* *Eg. Solar Water Heater*
- \* Apt strategies noted, intensify
- \* Include focus on Capacity & Technical Development
- \* Refer to other discussion groups' scope

## IMPLEMENTATION ARRANGEMENTS

### Regulatory & Institutional Framework

- \* Act 832 in place,
- \* The RE Authority setup must be prioritized and set-up
- \* When the Authority is established, what will be the role/function of the A&E Directorate at the Ministry and the CU?
- \* Explain in detail, Fig. 8 on pp51 (The REMP Implementation Governance Structure)
- \* Lis yet to be developed (be mindful of the timing of Parliamentary and Cabinet process)
- \* Lis to set up along with that of the CU, to delineate and specify (ie, ToR) roles/function/composition of the other stakeholders in Section 7,

## IMPLEMENTATION ARRANGEMENTS

### Funding

- \* 2 % be allocated to R&D
- \* Source of funds for the CU is not stated
- \* GoG lead, PPP focus – Yes
- \* Private sector lead? Financing – yes, not for policy – no. should be led by GoG. (Act 832)

The implementation of the REMP requires a concerted effort by all stakeholders including public and private sector actors, academia and research institutions, Civil Society Organisations and Development Partners.

# IMPLEMENTATION ARRANGEMENTS

## Roles and responsibilities of institutions

- \* The Inter-Ministerial Council should be a body that is to be informed, but should not to be the final decision making body as per the organogram.
- \* Thus, (Figure 8): The REMP Implementation Governance Structure' should be modified.

# IMPLEMENTATION ARRANGEMENTS

## Role of Government of Ghana

- \* Ok
- \* Strengthen the coordination and information flow

## Private Sector Participation (PSP)

- \* Ensure balance of the two key actors in the Private Sector
  1. already established companies/new in the sector
  2. protection for the companies into manufacturing/assembling
- \* Regulations to engage RE/EE experts and Energy Managers



## IMPLEMENTATION ARRANGEMENTS

### Local Manufacture and Opportunities

- \* Cost & Quality issues should be noted, and plans put in place addressed.
- \* **Resource assessment and research into new technologies - Ok**
- \* **Awareness creation and communication strategy - Ok**



Ghana celebrates its first Global Wind Day as over 250 students meet in Ayitepa where the country's first large-scale wind farm is due to start construction next year.



## CONCLUSION

### Implementation Plan

- \* Generally ok to go by. Specific sections on the Governance Structure and some additions.

### Implementation schedule

- \* Ok. Modify timings.

# RE INTERVENTIONS AND SUSTAINABLE ACTION PLAN

## TASK 2

- \* Technology Areas noted are ok.
- \* Unearthing and promoting old (abandoned) technologies and being innovative for further up-scaling
- \* Bricks for sandcrete blocks, cooler earth ware pots, building orientation for aeration, etc.
- \* Consider: social acceptability.

	C1		C2	C3	Key Strategy	Remarks
	Prep-Phase	Imp Phase 1				
1. Setting Up of the REMP-CU					Stakeholder Engagement	Important for implementation
2. Lis for regulation for the CU					Min AG	Essential for making implementation clear
3. RE Authority					Min AG	To tie in all RE
4. (a) Local Content Policy					Min AG	To build market
(b) Employing Local Staff					Min AG	
5. R&D Fund					GOG, Donor Private Sector	Sustainable REMP implementation

## CONCLUSION

- \* Generally very good.
- \* Consider locally abandoned but promising technologies.

# ENVIRONMENTAL IMPACTS

TASK 3  
Ref: Pages 41 - 43

- \* Overall Environmental Impact is positive
- \* Agro Forestry to be considered.
- \* Consumption of energy per capita should be factored into calculations and projections
- \* Effective coordination with Town & Country Planning to apportion lands
- \* Intensify awareness creation & incentives,
- \* Keep the end in view (Cradle-to-cradle, Recycling, upcycling).

## CONCLUSION

- \* Generally very.
- \* Consider few modifications.

## Food for Thought

### RENEWABLE ENERGY MASTER PLAN GHANA

**“The difference between what we do  
and what we can do is sufficient to  
solve our problems”**

YES, TOGETHER WE CAN



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With Joy They Worked



Thank you for Your Attention