United Nations Environment Programme
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Draft ECOWAS
Regional Efficient Lighting Strategy

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Institutional Capacity and Efficient Lighting Policies
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Objectives of Regional Efficient Lighting Strategy

- To promote rapid uptake of efficient, high quality on-grid and off-grid lighting products
- While permanently removing any inefficient lamps from the market in the ECOWAS Region
- Increase national and regional demand for high-efficiency, high quality on-grid and off-grid lighting products
  - In the medium-term to be met with local production, thus increasing economic growth in the lighting sector
- Increase access to high-efficiency, high quality on-grid and off-grid lighting products
Objectives of Regional Efficient Lighting Strategy (cont’d)

• Reduce operating costs of lighting
  • with particularly considerable positive impact on low income households
• Reduce greenhouse gas and mercury emissions from lighting-related electricity consumption
  • by reducing consumption
• Reduce life-cycle footprint of lighting-related products and usage
• Establish sustainable end-of-life treatment schemes and facilities for lighting products
Expected Benefits from transitioning to efficient lamps

- Annual energy savings of about 2.43 TWh
  - Approximately 6.75% of the total electricity consumption
- Resulting energy savings
  - Enough to supply total annual electricity consumption of at least 2.4 million households
  - Assuming household consumption of 1000 kWh/yr
- Regional annual financial savings
  - Over US$220 million
  - Yielding an average amortization time of just 3 months
Methodology for Development of Regional Efficient Lighting Strategy (RELS)

Application of Integrated Policy Approach on 4 Themes
- Minimum Energy Performance Standards
- Supporting Policies and Mechanisms
- Monitoring, Verification and Enforcement
- Environmentally Sound Management

Establishment of 4 Working Groups on the 4 Themes to provide inputs to RELS

Thematic Group Composition – ECOWAS Country Representatives
- Energy Ministry
- Rural Electrification Agency
- Standards Authority
- Industry Ministry
- Lighting Experts/Private Sector

Country Missions – Benin, Cote d’Ivoire, Ghana, Nigeria, Senegal
Outline of Strategy

2. INTRODUCTION
   2.1 GOALS AND OBJECTIVES OF ECOWAS REGIONAL EFFICIENT LIGHTING STRATEGY
   2.2 REGIONAL BACKGROUND INFORMATION

3. SITUATION AND NEED FOR STRATEGY
   3.1 SUMMARY OF STATUS OF LIGHTING IN ECOWAS REGION
   3.2 BARRIERS TO THE TRANSITION TOWARDS EFFICIENT LIGHTING IN THE REGION
   3.3 FRAMEWORK FOR EFFICIENT LIGHTING LEGISLATION
   3.4 COMPELLING NEED FOR A REGIONAL EFFICIENT LIGHTING STRATEGY
Outline of Strategy

4. METHODOLOGY FOR THE DEVELOPMENT OF THE STRATEGY

5. KEY ACTIVITIES UNDER REGIONAL EFFICIENT LIGHTING STRATEGY
   - 5.1 MINIMUM ENERGY PERFORMANCE STANDARDS
   - 5.2 SUPPORTING POLICIES AND MEASURES
   - 5.3 MONITORING, VERIFICATION AND ENFORCEMENT
   - 5.4 ENVIRONMENTALLY SOUND MANAGEMENT
   - 5.5 POWER SECTOR REFORMS NEEDED TO SUPPORT THE STRATEGY

6. FINANCING OPTIONS FOR THE STRATEGY

7. NEXT STEPS
IMPLEMENTATION PHASES

- Phase 1: July 2014 to December 2015
- Phase 2: January 2015 to December 2016
- Phase 3: January 2017 to December 2020
National & Regional Activities
Enabling framework for integrated policies + Roles of Key Stakeholders and Expected Outcomes of their Actions

- Do the Key Activities cover all the relevant regional and national activities on MEPS?
- Are all stakeholders covered?
- Are their roles and expected outcomes duly considered?
- How would you prioritize the national and regional activities?
- What are the key barriers and risks towards the implementation of the Strategy?
**Timeframe and Measuring Progress**

- Is the phasing of the activities satisfactory?
- What are the milestones, indicators and means of verification?
  - for monitoring and measuring progress of the implementation of the Strategy
- Complete the Log Framework Analysis
- Refer to the illustration table
Log Framework Analysis
Financial Considerations

What are the estimated costs of the activities?

What budget is available for the activities at the national and regional levels?

How would you prioritize the following financing options for the national and regional activities of the Strategy?

Domestic Sources

- Government Administered Programmes
- Utility Administered Programmes
Financial Considerations (cont’d)

- Private Sector Funding
- Non-Domestic Funding
  - International Donors
  - International Lending Institutions
- Carbon Financing
  - Clean Development Mechanism (CDM)
  - Nationally Appropriate Mitigation Actions (NAMAs)
  - Other Carbon Financing
Working Group Sessions

Session A
Enabling framework for integrated policies + Roles of Key Stakeholders and Expected Outcomes of their Actions

Session B
Timeframe and Measuring Progress

Session C
Financial Considerations
Thank You.

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