



# ***Development of ECOWAS Regional Efficient Lighting Strategy***

## ***Environmentally Sound Management (ESM)***

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National Lighting Test Centre  
China

# Strategies for education and awareness campaigns

## **” Consumers:**

- ” *Use of print (news paper, magazines) and electronic media (radio, TV and internet)*
- ” *Introduce ESM into school curriculum*
- ” *Use mobile phone SMS*
- ” *focus content on the benefits of the transition to efficient appliances equipment and danger of mercury to environment*

## **Waste Collectors:**

- ” *Develop training manual on ESM to educate waste collectors*
- ” *Organize strategic workshops on ESM for waste collectors*
- ” *focus content on the need for on-site collection and quick sorting between purely domestic waste and electronic waste*



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# Strategies for education and awareness campaigns

## ***Manufacturers:***

- ” Use of training manual*
- ” Organize strategic workshop for the different sectors in among the manufacturers*
- ” Use of print and electronic medial*
- ” focus content on the need to respect the regulations and the various international conventions
- ” limit the use of certain hazardous substances in new electrical and electronic equipment



# Key components of a harmonized regulation on recovery and recycling of waste on-grid and off-grid lighting products

- ” Authorized national collection centre/authorized collecting agency or company linked to regional collection/recovery centre*
- ” Policy should encourage the involvement of the private sector*
- ” Identify national focal agency (Ministry of Environment) to coordinate at national level*
- ” A standing regional committee to coordinate activities around the ESM (Ministers of Environment or designate officer)*
- ” Define standard collection and recovery procedures*
- ” Agree on standard mode of transportation to recovery centre*



# Key components of a harmonized regulation (Cont.)

- “ precaution
- “ preventive actions
- “ correction of the environmental damage
- “ polluter-pays principle
- “ Elimination of administrative barriers
- “ simplification of registration and declaration procedures
- “ Elimination of multiple certifications
- “ adoption of a single and harmonised certification



## Recommended incentives for the collection of waste lighting products

- ” Initiate rebate programme to encourage end-users to bring used lighting product to collection centers*
- ” Duty free for importation of recovery facilities/equipment*
- ” Create national fund for the recovery and recycling of lighting product containing hazardous substances*
- ” on-site collection, a quick sorting between purely domestic waste and those so-called electrical and electronic waste*



## Establishment of recycling and disposal facilities

- “ *Consider the most populous countries*
- “ *Most commercial and industrialized countries*
- “ *set up a demonstration for their treatment (pilot programme)*
- “ Encourage and facilitate the creation of recycling companies
- “ Create in the areas at city centres of aggregation of collected batteries and lamps





**Thank You.**

**[www.enlighten-initiative.org](http://www.enlighten-initiative.org)**



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