Tackling air pollution in cities – Improving Health and Climate

The Case of Accra Metropolitan Assembly
Building a Smart, Sustainable and Resilient City

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Photography: Listowel
Accra - Central Business District
28,000 Ghanaians die from air pollution every year.

by WHO, 2018
TRANSPORTATION
High levels of cars moving to and from business district with a large percentage which are not road worthy

WASTE MANAGEMENT
Waste management remains a problem in the City with little sign of decrease in illegal dumping of waste

OPEN BURNING
Open burning of waste is unlawful however remains one of the main causes of air pollution in Accra because citizens continue to burn toxic waste

TRADITIONAL COOKING
The use of non clean methods of cooking by vendors
Interventions targeted at improving air quality & health

**Waste segregation**
Distribution of color coded bins to enable citizens separate waste for future reuse.

**Greening**
Planting of trees and reviving neglected open spaces.

**Waste Management**
Improving waste management services to increase waste collection rates

**Sensitization**
Educating community members on the negative health impacts of air pollution and the link to illegal dumping, open burning etc

**Recycling**
Collaborating with NGOs to pick up segregated plastics for recycling.

**Clean Cook Stoves**
Targeting indoor air pollution. Low income homes using solid fuels for cooking or heating face adverse health outcomes
Launch of "Accra Beautification & Greening Projects"

26 open spaces selected for restoration

Launch of the "Adopt a Space" campaign
Over 300
Waste bins distributed to 18 senior high schools in Accra

260
Color coded waste bins distributed to basic schools in one sub metro

25
Waste bins to student-led Initiative Korle-Bu Teaching hospital

Citizen Engagement
Exercises in Communities, in schools

100
Households to receive color coded waste bins under BreatheLife Accra Campaign

- Reduction of waste which end up in landfills by segregating and reusing
- Changing behaviors of masses by starting with Children
  - Teachers and Pupils of selected schools sensitized on how to separate waste and effectively use the bins
Improving waste management services

The Assembly is putting in efforts to improve Sanitation pursuant to the goal of making Accra the cleanest City in Africa.

- Integrating informal waste collectors into business model of formal waste companies assigned to sub-metro areas to increase waste collection rates
- Launch of rapid waste response under Clean Accra Project to address emergency illegal waste dumping
- Whatsapp platform available for citizens to report waste related offences eg. illegal dumping, open burning

- 30% waste collection rates
- 50% decrease in illegal dumping
- 30 reports received per day
Urban Health Initiative
BreatheLife Accra Campaign

- Transforming School yards into cooling spaces and restoring greenery
- 10 Community Schools to participate in activities designed for pupils to promote greening
- Mass sensitization of over 1000 community members through durbars, town hall meetings, door to door and onboard vehicle education
- 200 color coded bins to be distributed to households in James Town and Mamprobi communities
Owners, Approvers, Partners, Beneficiaries