

# R QUALITY SOURCE AWARENESS

An African perspective

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George Mwaniki

Air Quality Lead, WRI Africa



# Air pollution source awareness – top sources

	% Response Choices					
	I don't know	No part at all	A small part	A large part	The largest part	
Open Sewers	10.5%	2.7%	4.1%	21.6%	61.1%	Sanitation-related
Uncollected garbage	10.4%	2.5%	4.5%	26.1%	56.5%	
Industrial waste burning	11.4%	3.7%	8.9%	25.8%	50.3%	
Industrial chimneys/stack	11.6%	5.2%	10.4%	27.1%	45.8%	Combustion-related
Burning of old tires	10.0%	4.6%	15.9%	29.5%	40.1%	
Industrial generators	9.6%	5.0%	16.2%	31.3%	37.9%	
Hospital waste burning	7.9%	5.1%	18.2%	33.3%	35.5%	Traffic/ vehicle-related
Market Waste burning	9.0%	3.7%	16.4%	35.4%	35.5%	
Heavy duty vehicles (diesel)	9.4%	3.0%	15.6%	37.1%	34.8%	
Poorly maintained vehicles	11.3%	7.5%	15.8%	35.4%	30.1%	



# MAJOR SOURCES



- Waste burning
- Transport
- Industries
- Household energy demand

## Siloed approach

Research

1. Publications
2. Data
3. Students
4. Tenure track

Policy

Like to see change but responds mostly to urgent and visible citizen demands

Private sector

Would like to delay any regulatory actions.

Captured spaces

Most emission sources are captured by interest groups, with substantial political power.

**Most citizens have a limited understand on air pollution and its impacts**

# Bridging the interest GAP

Nairobi AQ working group  
NGO, Private sector, Academia, communities, Media, policy makers  
(Health, Environment, Transport -national and county)

Shared  
understanding  
air AP  
sources and  
impacts

Decision drivers

Health impacts (costs)

Monitoring of progress

RCD studies

Sub committees

Health

Genders and community  
engagement

Private sector

Policy and regulations

# Bridging the interest GAP

## Outcome from initial engagement

Bottom-up high-resolution emission inventories

Coordination between government entities

Monitoring and data sharing, AQ tools

Use of available infrastructure e.g. for community engagement

Demand driven capacity/skill transfer e.g. CoP

Engagement of the political class and Research.



# AIR POLLUTION INVESTMENT GAP

