

Introduction



- **Koyinsola Buraimoh (Site HSE manager, Ibadan)**

- ✓ BSc. Elect/Elect Eng. Obafemi Awolowo Uni. (2010)
- ✓ Human Resources Management (Harvard, May 2014).
- ✓ Executive Coaching, Uni. of Cambridge (Feb, 2014)

- **Experiences**

- ✓ Process Engineering.
- ✓ Production Line management.
- ✓ Human resources management- Employee Engagement.
- ✓ Health, Safety and Environment.





P&G

“Fostering Resource Efficient and Zero Waste Systems in Nigeria ... The P&G Ibadan Story



... powered by **PS**

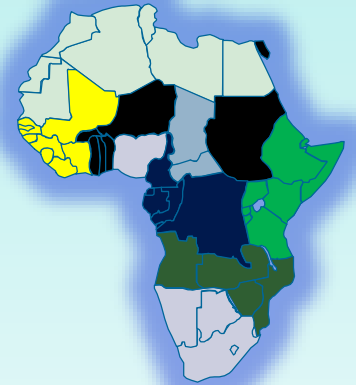


P&G



P&G Ibadan plant

***(First and oldest P&G Plant in
Sub Sahara Africa)***



...powered by **PS**

3



P&G Sustainability Vision

(> 30 Years)

P&G Sustainability Vision

Be and Be recognized as the leading Global Supply Chain Organization in a Consumer Goods Company for End to End Sustainability (suppliers through finished product logistics) *aiming towards a long term sustainability vision—*

Powering our plants with 100% renewable energy



Having zero waste going to landfills



Effluent water quality \geq influent water quality. No contribution to water scarcity



IBADAN Plant's Sustainability contribution to community development begun in 2006 with a focus to drive reduction in...

Waste
Water
Energy
CO₂

BACK-2-BASE



Where we were...



- Ibadan waste Land-filled
- Huge amounts on evacuation
- Annual land use fee
- No segregation of waste

What we did...



- Waste stream mapping & listing
- Scrap yard organization
- Waste segregation from the source (operations)
- Buyers found for recycled waste



And now...



- Positive revenue from waste reuse/recycled.
- Landfill Utilization reduction by **90%**
- Recycled/re-use waste increase from 0% to **93.4%**
- Solid Waste Management Cost⁷ Reduced by **32%**

Recognition from:

- Ministry of Environment and
- National Environment Standards and Regulation Agency (NESREA)



Before...

WATER

P&G



Now...

- Developed water map to understand usage and improvement points
- Installed spring-loaded taps
- Process water recirculation

- Millions of liters of water used per year
- Evacuation impact (Cost, Energy, CO₂)
- No knowledge of actual usage



WATER

Now.....

- **45%** reduction in water usage.
- **38%** reduction in waste water evacuation.



Before...

ENERGY

P&G



- Plant running on diesel
- Continuous generator use
- High cost of maintenance and repairs of generators

saveEnergy
poweroff



...powered by PS

What we did...

ENERGY

P&G

- CNG gas power project
 - 33KV power substation.
 - Commencement of “power off” policy in the open offices
 - Optimization of generators
- Now...

- 16% reduction in Energy consumption
- 17% reduction in CO generation
- Further reduction opportunities using solar power

saveEnergy
poweroff



...powered by PS



SUSTAINABILITY



ENERGY
-16%



CO₂
-17%

Over 5 years despite 70% volume growth

WASTE
-47%



WATER
-45%





Thank You



...powered by **PS**

