



UNITED NATIONS ENVIRONMENT ASSEMBLY

Air Pollution from Cook Stoves
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Photos Speak – (black carbon)





Air pollution affects women

E.g. Particulate matter (with black carbon – soot) has large health impact, especially on women and children.

Solutions help improve women's health & energy security

- Cleaner cookstoves; methane capturing from oil and gas flaring and venting ➤ captured for household energy
- Manure mgt & waste mgt, to capture methane ➤ turned into biogas



What we are doing about it ?!



- *In order to prevent indoor air pollution for cooking, the Government of Nigeria has embarked on;*

A) The National Assembly Intervention on Clean Cookstoves Initiative (NAICCI)

B) The National Clean Cooking Scheme (NCCS)

C) The Rural Women Energy Security (RUWES) Initiative



THE RURAL WOMEN ENERGY SECURITY (RUWES) INITIATIVE

- **THE RURAL WOMEN ENERGY SECURITY (RUWES) Initiative** is targeted towards the under-served rural woman who is usually off grid, energy poor and has the highest incidence of health related issues from harmful energy practices. The RUWES in partnership stakeholders with emphasis on Non-governmental Organizations (NGOs), Faith Based Organizations (FBOs) and Community Based Organizations (CBOs) strives to fashion out modalities to make access to energy easier, cost effective as well as change the mindset of the rural woman.
- In addition, RUWES is targeted towards wealth creation by improving the value chain of her enterprise by lowering market entry barriers of the energy and off-grid lighting market space at every step, from the design of clean energy products, to their commercial production and distribution. To help end Nigeria's reliance on fossil fuel-based energy sources, the program works with manufacturers of clean energy products, distributors, consumers, financial institutions and governments to build a lasting market for reliable, practical and affordable clean energy products. We aim to make the RUWES project the face of Clean Energy Nationwide.

THE NATIONAL CLEAN COOKING SCHEME (NCCS)

- The NCCS is an aggressive drive designed specifically to reduce and eventually eliminate cooking with solid and fossil fuels such as firewood and kerosene, which is detrimental to health by introducing and providing cleaner cooking practices to Nigerians.
- The main thrust of NCCS is to engender clean cooking culture amongst the underserved rural women who mostly have little energy choices beyond firewood and occasionally kerosene. Beyond reaching the rural women, the NCCS also seeks to reach institutional high volume firewood users which include; schools, prisons, hospitals, NYSC camps and hotels.



Challenges

1. Capacity Building- build & equip a bigger workshop where women technicians will be trained to assemble clean cookstoves and take ownership of the initiative
2. Mass production and affordability of certified/branded clean cookstoves with better efficiency
3. Awareness on availability of clean cooking alternatives to fuel wood
4. More financing and corporate investments in clean cooking technologies



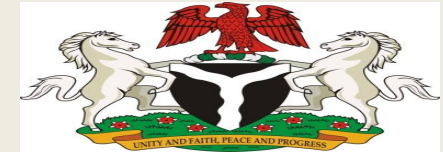
Way Forward

- Encourage clean stoves manufactures & suppliers to partner with the Nigerian Government on product availability as well as the transfer of technology to create Green Jobs
- Seed funding is also required to help successful trainees and other stove retailers set up and scale up clean energy businesses
- Public enlightenment,
Women mobilization and
International cooperation





More info



www.unep.org/ccac
www.renewableenergy.org.ng



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The first global effort to treat short-lived climate pollutants – such as black carbon (or soot), methane and many hydrofluorocarbons (HFCs) – as an urgent and collective challenge.

The Climate and Clean Air Coalition to Reduce Short-Lived Climate Pollutants is catalyzing rapid reductions in these harmful pollutants to protect human health and the environment now and slow the rate of climate change within the first half of this century.

First Actions of the Coalition



Outreach



Short-Lived Climate Pollutants



CCAC at COP19 in Warsaw, Poland



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