Capacity-Building Workshop on Sustainable Management of Forest with Focus on REDD+ Niamey, Niger, 27 – 29 April 2015

West Africa Clean Cooking Alliance (WACCA)

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Modern fuels or coal

- Charcoal 12.9%
- Wood 62.5%
- Others 1.9%
- Biomass fuels 75.4%
- Modern fuels** or coal 22.7%

*) fuel used most often for cooking the main daily meals;  
**) gas (including LPG), kerosene and electricity

Source: WHO (2009); PREDAS - CILSS

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• 200 MILLION TONS OF BIOMASS are burned yearly in the region for cooking daily meals
  – strong contribution to forest degradation
  – emission of > 330 million tons of carbon dioxide (CO$_2$)-equivalent

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ECOWAS Renewable Energy and Energy Efficiency Policies developed

- Policy scenarios target SE4ALL in ECOWAS by 2030
- ECREEE appointed as focal institution for the implementation of SE4ALL framework in West Africa
- Preparation of national RE&EE action plans in 2013

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OBJECTIVES of WACCA

IMPROVE LIVING CONDITIONS OF THE POPULATION OF ECOWAS COUNTRIES THROUGH AN INCREASED ACCESS TO CLEANER AND MORE EFFICIENT COOKING DEVICES, SUSTAINABLE BIOMASS-BASED AND MODERN FUELS, WHILE REDUCING LOCAL AND GLOBAL ENVIRONMENTAL IMPACTS

1. Promote the adoption of clean and efficient cooking devices and the dissemination of sustainable biomass fuels and modern fuels for all ECOWAS households

2. Ensure quality, durability and affordability of the cooking devices disseminated in terms of environmental performance and public health in ECOWAS countries, quality and sustainability of the biomass fuels disseminated and quality and safety of the modern fuels disseminated

3. Introduce a suitable regional governance mechanism for consultation, coordination and financing to ensure a streamlined implementation of actions in the field of cooking energy

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CLEAN COOKING ENERGY ACCESS FOR ALL THROUGHOUT THE ECOWAS REGION

2020
• 60% of the population would be served with improved cook-stoves
• the share of the population served with modern and alternative fuels, including LPG, for cooking should be increased to 36%;
• the share of efficient charcoal production should be increased to 60%

2030
• All (100%) of the population has access to clean, safe and affordable cooking energy.
• the share of the population served with modern and alternative fuels, including LPG, for cooking should be increased to 41%;
• The share of efficient charcoal production should be increased by 100%

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MAIN ELEMENTS OF WACCA

- Policies, Strategies & Targets
- Governance & Coordination
- Capacity Building
- Knowledge Sharing & Awareness Raising
- Standards, monitoring Control & Research
- Financing & Business development

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Cooperate with ECREEE
Jointly develop the strategy with ECREEE
Provide Fundraising support
Bring in technical expertise

Institutional supports & private actors identified in each ECOWAS country
Work in close cooperation with ECREEEE & Partners
Benefit from capacity building actions

Coordinates the Initiative and Interacts with all stakeholders

Are invited for cooperation
Leverage synergies and harmonization with the initiative
Lessons learned to be gathered and shared

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WACCA - REGIONAL ACTION PLAN

ECOWAS INITIATIVE ON CLEAN, SAFE, EFFICIENT AND AFFORDABLE COOKING ENERGY SOLUTIONS
Regional action plan aims to provide safe, sustainable and affordable cooking through:

1. Improving the efficiency and sustainability of wood and charcoal cooking energy value chain through sustainable management of forest, improved charcoal conversion, and use of clean, high efficient stoves.

2. Strengthen local economies through increased production of biomass fuels and stoves by scaling-up proven business models.

3. Developing alternative cooking fuels such as includes pellets, briquettes, biogas, as well as liquid fuels, such as ethanol, produced from agricultural or forestry wastes.

4. Promoting innovative business models capable of reaching the “last-mile”.

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• Policy and regulatory framework
  - Develop and adopt ECOWAS-wide regional clean cooking policies, strategies and targets
  - Review national policies in MS
  - Enhance the legal and regulatory frameworks and structures

• Supply chain of Cooking Fuels
  - Sustainable forest management
  - Involvement of the private sector for energy efficient and carbon neutral production and sales
  - Monitoring system that is transparent for the fuel wood value chain
  - Support the development of activities in the context of the REDD+
  - Encourage the establishment of SMEs

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MAIN PILLARS OF THE WACCA ACTION PLAN

• Gender responsive actions and economic empowerment of women
  - gender responsive policies and programmes on clean and efficient cooking;
  - Economic empowerment of women through their increased involvement in the cooking energy value chains;
  - Capacity-building for policy makers and practioners to integrate gender in their interventions
  - Take into account the gender aspect in promotion and marketing efforts

• Capacity Building
  - Develop a regional capacity building program for public and private actors;
  - Develop capacity building manuals on various aspects of on clean cooking fuels and devices;
  - Trainings for respective target groups;
  - Conduct training of trainers in stove manufacturing and production of alternative fuels.

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• Market transformation of cooking fuels and devices
  - Support the design, production, testing, and upscale production of improved cooking fuels and devices;
  - Set-up last-mile distribution models;
  - Promote semi-industrial and industrial production of stoves and fuels.

• Standards and labeling
  - Develop and adopt technological standards for cooking fuels and appliances in the terms of efficiency and health impacts
  - Introduce a sustainable, independent and efficient control mechanism, including harmonized monitoring and testing protocols;

• Networking and knowledge sharing
  - Create a regional hub to share knowledge and experience in terms of technologies and innovations and link with selected research centres;
  - Conduct knowledge-sharing events; build a database
Demonstration/pilots projects for regional scaling up
- Conduct demonstration/pilot projects on innovative and clean fuels & devices.
- Encourage competition on best practices on efficient, clean and safe cooking fuels and stoves.

Economic and financial issues
- Develop programs to enhance access to finance for producers and end-users;
- Mobilise private and public investment for funding sustainable cooking energy investment projects;
- Increase the use of carbon financing opportunities;
- Target key areas and innovative financial support mechanisms;
Thank You! Merci!
Obrigado!
I JOIN

WEST AFRICA CLEAN COOKING ALLIANCE

ECOWAS INITIATIVE ON CLEAN, SAFE, EFFICIENT AND AFFORDABLE COOKING ENERGY SOLUTIONS