



WEST AFRICA CLEAN COOKING ALLIANCE WACCA



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

**ECOWAS Centre for Renewable Energy and Energy Efficiency -
ECREEE**

ECREEE RESULT AREAS



RESULT AREA 1:
Effective regional
RE&EE
promotion
agency created
and efficiently
managed

RESULT AREA 2:
Tailored policy,
legal and
regulatory
frameworks
created and
implemented

RESULT AREA 4:
Knowledge
management,
awareness
raising, networks
and advocacy
strengthened

RESULT AREA 5:
Business and
Investment
Promotion

RESULT AREA 3:
Capacities are
strengthened
and applied

CLEAN COOKING ENERGY ACCESS FOR ALL THROUGHOUT THE ECOWAS REGION

2020

- 100% 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

- 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%

CLEAN COOKING CHALLENGES IN THE ECOWAS REGION

- High dependence of the population on traditional biomass
- Almost 80% of the total energy demand comes from traditional biomass.
- Over 90% of the population uses wood and charcoal.
- No policy/strategy framework in most countries
- No effective planning tool for sustainable and efficient cooking
- No effective and sustainable Forest management
- Limited national budgetary allocation for sensitization and promotion for both cooking and the forestry sectors



ECOWAS LAUNCHED



www.ecreec.org

WACCA VIDEO

<http://www.youtube.com/watch?v=tQv2WS6Dw5Q>



WACCA – WEST AFRICAN CLEAN COOKING ALLIANCE



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



MAIN ELEMENTS OF WACCA



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REGIONAL WACCA FRAMEWORK ACTION PLAN

providing safe, sustainable and affordable cooking through:

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

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

Developing new biomass energy cooking value chains. This includes pellets, briquettes, biogas, as well as liquid fuels, such as ethanol, produced from agricultural or forestry wastes.

Promoting LPG fuel and stoves.

MAIN PILLARS OF THE WACCA ACTION PLAN

• **Policy and regulatory framework**

- Develop and adopt ECOWAS-wide regional clean cooking policies, strategies and targets
- Review national policies
- Enhance the legal and regulatory frameworks and price 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+



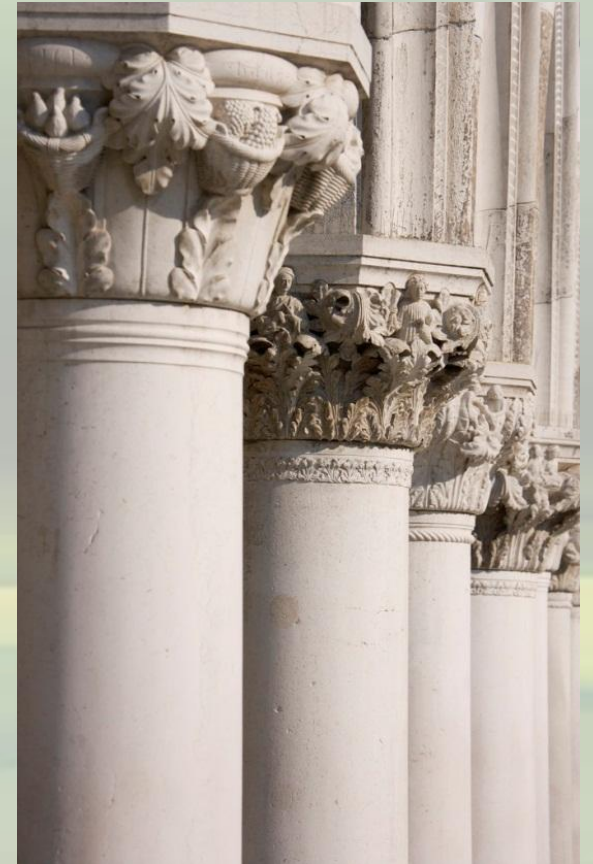
MAIN PILLARS OF THE WACCA ACTION PLAN

• 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;

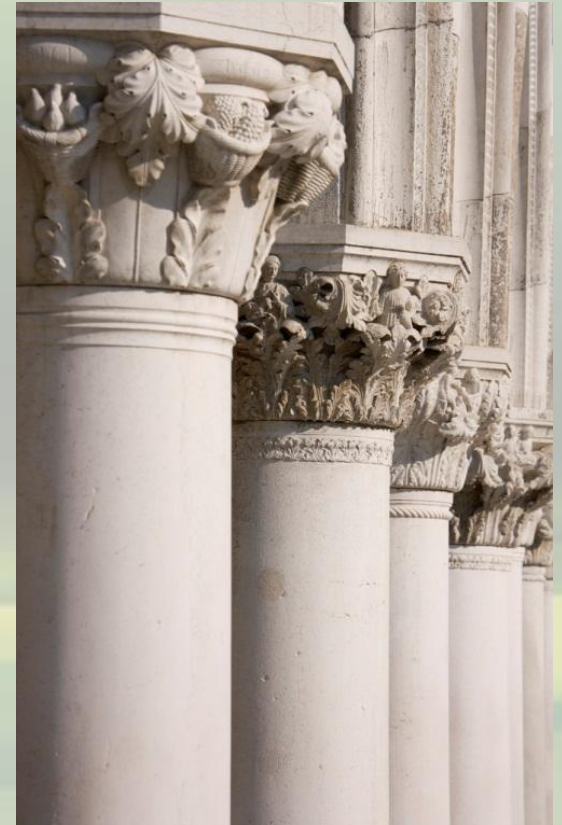
• Capacity Building

- 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



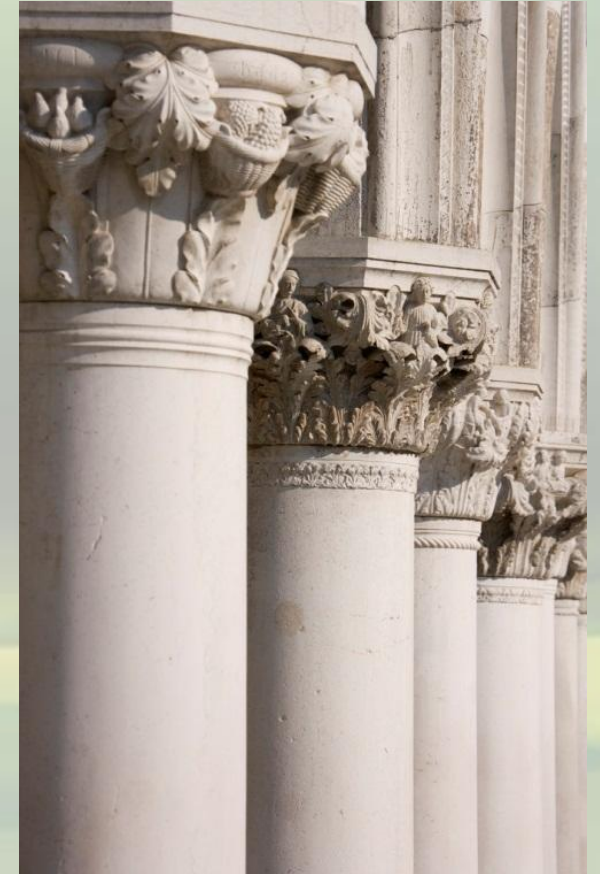
MAIN PILLARS OF THE WACCA ACTION PLAN

- **Market transformation of cooking fuels and devices**
 - Support the design, production, testing, and upscale production of improved cooking fuels and devices;
- **Standards and labeling**
 - Develop and adopt technological standards for cooking fuels and devices 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 research centres;



MAIN PILLARS OF THE WACCA ACTION PLAN

- **Demonstration/pilots projects for regional scaling up**
 - Conduct demonstration/pilot projects on innovative and clean fuels & devices and;
 - 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
 - Mobilise private investment and encourage involvement of the private sector and banks in funding sustainable cooking energy investment projects;
 - Increase the use of carbon financing opportunities



WACCA - ACTIONS

WACCA FRAMEWORK ACTION PLAN

Adopted at the first WACCA Regional Stakeholder Meeting,
April 2013, Burkina Faso



NEXT STEPS

DETAILED REGIONAL ACTION PLAN

- With short, medium and long term actions

PILOT COUNTRIES

- Starting with pilot countries
- National action plans
- Implementation of concrete actions

MARKET DEVELOPMENT

- Trainings
- Implementation of standards
- business development

FUNDING MECHANISMS

- Establishment of a Fund for both the supply and demand side

AWARENESS & CAPACITY BUILDING

- Provide technical assistance to stakeholders
- Launch a regional

National WACCA Country Program for Côte d'Ivoire

- 1st National WACCA Stakeholder Forum in Côte d'Ivoire, 21 March 2014
- Formation of a National **Clean Cooking Alliance** to develop the National Cooking Energy Action Plan



- Development of a country report in preparation of the Stakeholder Forum
- ToR for a comprehensive Market Study under preparation



National WACCA Country Program for Cabo Verde



- **Stock Taking** on Santiago Island under the lead of the Ministry of Energy and ECREEE (with UNDP, Gender Organisation, Ministry of Agriculture, etc)
- Specific situation in Cabo Verde – wide use of LPG – no “improved” biomass cook stoves on the market. Potential producers identified – training will be organized in 2015
- **Diagnostic Study** for all 10 islands will be carried out
- National Alliance will be formed to develop and monitor the implementation of the action plan

National WACCA Country Program for Cabo Verde

Currently testing phase of private and commercial stove models by voluntary “users”



Evaluating the potential of Biogas for Cooking in Cabo Verde



National WACCA Country action in Sierra Leone



- Stock taking Mission with GIZ and EUEI PDF in 2013
- Participating in the cooking workshop and introducing WACCA program
- Aid Memoir on the collaboration areas
- Diagnostic Study in collaboration with GERES
- Support of the UNDP Charcoal GEF project
- Action Plan Development planned

WACCA Partners

TECHNICAL

giz



FINANCIAL

giz



Austrian
Development Cooperation



MINISTERIUM
FÜR EIN
LEBENSWERTES
ÖSTERREICH



OTHERS INITIATIVES

World Bank ACCESS program
Global Alliance for Clean Cook Stoves
ProCEAO
...and many more...

Thank You! Merci! Obrigado!

I JOIN



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