

ETHANOL

Clean Cooking Solutions

Social ■ Health ■ Economic ■ Environment ■ Climate Impacts



Ethanol Clean Cooking Solutions in ECOWAS states:

*Social, Health, Economic, Environmental and
Climate Impacts*

ECREEE PRESENTATION



WEBINAR

ETHANOL CLEAN COOKING SOLUTIONS IN ECOWAS STATES : SOCIAL, HEALTH, ECONOMIC, ENVIRONMENTAL AND CLIMATE IMPACTS

THURSDAY 29 NOVEMBER 2022, TIME: 2:00 PM GMT



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

WACCA – Regional Plan Actions & Activities

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BACKGROUND

- 2006, ECOWAS/UEMOA White Paper on access to energy services for populations in rural and peri-urban areas has been adopted
- ECOWAS Authority of Heads of States and Government adopted:
 - The ECOWAS Renewable Energy Policy (EREP) and ECOWAS Energy Efficiency Policy (EEEP) in July 2013; and
 - The ECOWAS Bioenergy Policy and Implementation Plan (EBEP) adopted in June 2017
- Sustainable Energy For all Initiative (SE4ALL) Initiative has been launched and ECREEE is the Focal institution for ECOWAS;
- WACCA has been launched in the frame of the High Level Forum in October 2012 in Accra
- adoption of the regional framework of the WACCA action plan in April 2013 in Ouagadougou
- Validation of the WACCA Action Plan September 2015 in Dakar



CLEAN COOKING CHALLENGES IN THE ECOWAS REGION

- High dependence of the population on traditional biomass
- Almost 80% of the total energy demand comes from biomass use still in traditional methods.
- 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.ecreee.org

WACCA VIDEO

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



TARGETS FOR CLEAN COOKING ENERGY ACCESS FOR ALL THROUGHOUT THE ECOWAS REGION

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%**

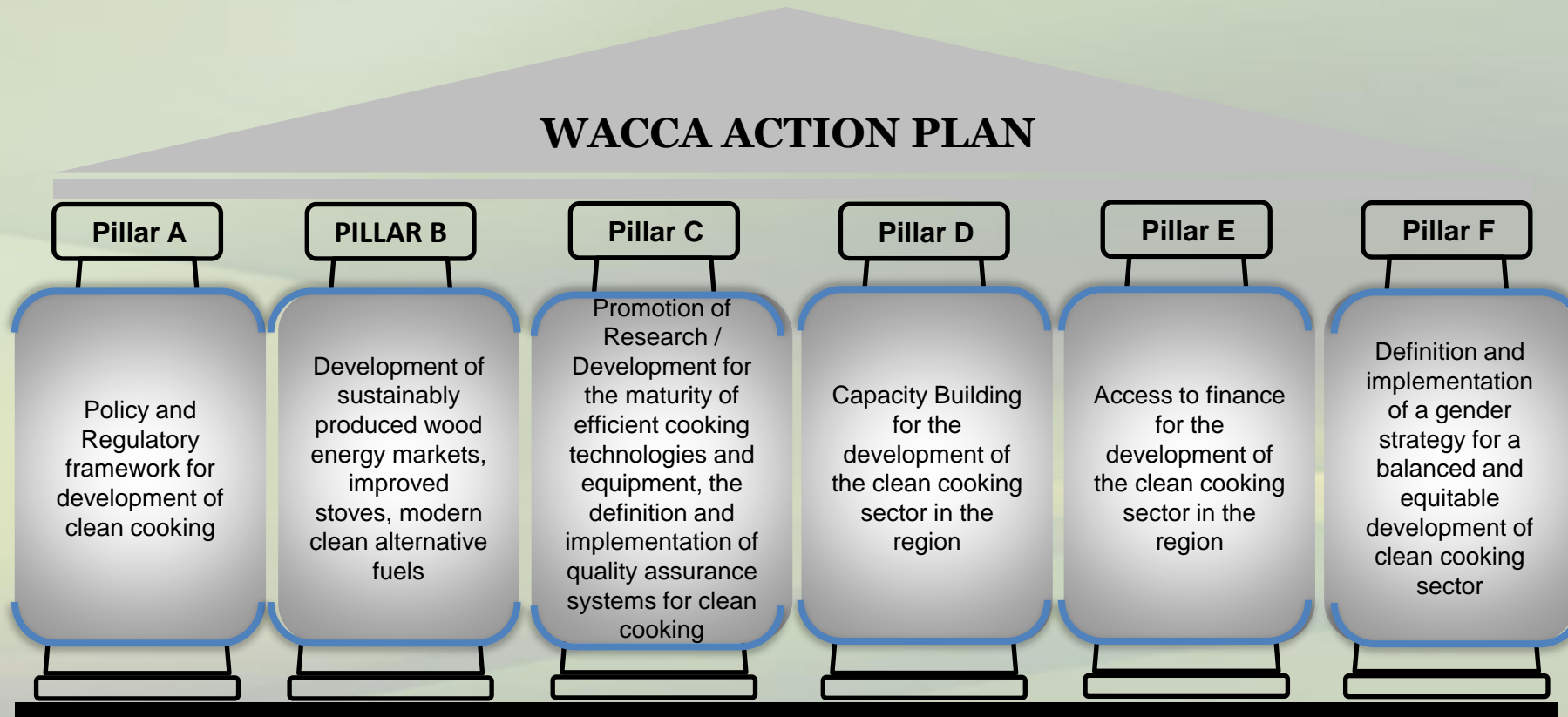
WACCA – WEST AFRICAN CLEAN COOKING ALLIANCE



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



Pillars of the WACCA Action Plan



PILLARS OF THE WACCA ACTION PLAN

- **Pillar A: The policy and regulatory framework for development of clean cooking**
 - Conduct a diagnosis and an inventory of the clean cooking sector in the country and the region,
 - Revise or draft the clean cooking sector development strategy in countries and refine targets and indicators at the regional level (taking into account the consideration of gender equity)
 - Summarize the legislative and regulatory measures identified in pillar B, C, D, E and F in a coherent reform at the country level and define framework guidelines at the regional level to support, promote and stimulate the reforms of the countries for the development of clean cooking sector,
 - Implement, monitor and evaluate the clean cooking development strategies at the country level and in the region.



PILLARS OF THE WACCA ACTION PLAN

- **Pillar B: The development of sustainably produced wood energy markets, improved stoves, modern clean alternative fuels**
 - Choose products whose market is to be promoted in the country:
 - Establish in each country, the deployment model for market development of products selected
 - For each product analyze the market, including various elements of the supply, demand and price in order to identify the strengths and constraints to market development in order to identify measures to the booster.



PILLARS OF THE WACCA ACTION PLAN

- **Pillar C : Promotion of Research / Development for the maturity of efficient cooking technologies and equipment, the definition and implementation of quality assurance systems for clean cooking**
 - Set up a support center or the most advanced center in the region for the development and implementation of a program of R / D on the most advanced technologies for clean cooking at regional level.
 - Develop, validate, test protocols for testing the performance of technologies and clean cooking facilities (including the products concerned by pillar B).
 - Set standards for the manufacturing and use of clean technologies and cooking equipment at the regional level and promote their adoption by countries (including the products concerned by Pillar B and new products).
 - Develop quality assurance systems at the regional level and promote their adoption by countries.
 - Focus on the transfer of technologies to diversify the supply at regional level.



PILLARS OF THE WACCA ACTION PLAN

- **Pillar D: The Capacity Building for the development of the clean cooking sector in the region**
 - Develop and disseminate funding and training manuals on the implementation of all pillars, especially the B-pillar and C,
 - Organize the sharing of information and experience as well as networking the country level and at the regional level through training workshops, learning visits, etc.
 - Implement demonstration project at the country level and at the regional level.



PILLARS OF THE WACCA ACTION PLAN

- **Pillar E: Access to finance for the development of the clean cooking sector in the region**
 - Develop a private sector engagement strategy to strengthen financing clean cooking sector
 - financing clean cooking sector in the process of preparation and implementation of REDD +, CDM and even NAMA in countries and at regional level;
 - Promoting public-private partnership for the development of innovative solutions in the clean cooking sector;
 - Build on and find synergies with bilateral and multilateral funding programs for financing sustainable development and REDD + at regional level;
 - Promote the contribution of States, decentralized authorities and community-based organizations for the financing of clean cooking



PILLARS OF THE WACCA ACTION PLAN

- **Pillar F: the definition and implementation of a gender strategy for a balanced and equitable development of clean cooking sector**
 - Develop and implement a strategy for taking gender into account in establishing the pillars of the country and regional level;
 - Establish a monitoring and evaluation of performance in consideration of gender in establishing the pillars at the national and regional level,
 - Capitalization and sharing of experiences and lessons learned from the implementation of the gender strategy in the clean cooking sector in relation to the program of pillar D.



IMPLEMENTATION OF THE WACCA ACTION PLAN

- Supported the establishment of some National Clean Cooking Alliances
- Development of national Clean Cooking actions Plans for ECOWAS Member States aligned in the pillars of the WACCA action plan
- Regional and national Capacity building on Clean cooking fuels and devices by organizing WACCA camps for entrepreneurs and NGOs;
- Regional Campaign for sensitization and information sharing

IMPLEMENTATION OF THE WACCA ACTION PLAN

- ❑ Conducted a Regional Training on Clean Cookstoves Testing and Standards
- ❑ Innovation Business Development Fund for Cooking Energy Services initiated and financial support for some Clean cooking projects in ECOWAS Member States.

REGIONAL STANDARDS AND LABELS ON CLEAN COOKING FUELS AND DEVICES

- ❑ Development of standards and labelling for biomass stoves
- ❑ Development of ethanol standards for cooking and transportation

REGIONAL STANDARDS AND LABELS ON CLEAN COOKING FUELS AND DEVICES

Planning for adoption in 2023

Steps

1. ECOWAS Standards Harmonization Model (ECOSHAM) - Regional Standards and Labelling Technical Committee,
2. ECOSHAM Technical Harmonization Committee (THC) on Electro-Technical (THC 5) or / and chemical (THC 3)
3. ECOSHAM Technical Management Committee (TMC)
4. ECOWAS Ministers responsible for quality management and/or energy (Ministers of Industry)
5. ECOWAS Council of Ministers.

WACCA Partners

TECHNICAL

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FINANCIAL

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OTHERS
INITIATIVES

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

THANK YOU!



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

