



WEST AFRICA CLEAN COOKING ALLIANCE

WACCA



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

WACCA - Overview of the program and main activities

Karin Reiss, Sustainable Energy Expert

ECOWAS Centre for Renewable Energy and Energy Efficiency - ECREEE

ECREEE – the ECOWAS Centre For Renewable Energy And Energy Efficiency

- **ECREEE: Economic Community for West African States (ECOWAS) Centre For Renewable Energy And Energy Efficiency**
- **Established by Regulation C/REG. 23/11/08 of the 61st Session of the ECOWAS Council of Ministers on November 23, 2008. as the ECOWAS agency with the mandate to promote RE&EE markets**
- **Secretariat is based in Praia, Cape Verde with National Focal Institutions (NFIs) among all ECOWAS countries**
- **Established with support of core partners:**



- **Official Inauguration of the Centre on 6th July 2010**
- **Governance Structure: Executive Board/Technical Committee**
- **ECREEE Business Plan with long-term vision by 2016**
- **Annual Work Programmes: 2014 edition under execution**
- **ECREEE was appointed by the ECOWAS Energy Ministers as the SE4ALL Focal Point for West Africa**



ECREEE RESULT AREAS



BACKGROUND

- 2006, ECOWAS/UEMOA White Paper on access to energy services for populations in rural and peri-urban areas has been adopted
- ECOWAS Renewable Energy Policy (EREP) and ECOWAS Energy Efficiency Policy (EEEP) have been adopted by the ECOWAS Authority of Heads of State and Government, July 2013, Abuja
- 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



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.ecreee.org

WACCA VIDEO

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



Sustainable Energy for All (SE4ALL)

Goals of the SE4ALL initiative by 2030

- 1.Ensure universal access to modern energy services.
- 2.Double the global rate of improvement in energy efficiency.
- 3.Double the share of renewable energy in the global energy mix.

83 Countries have “opted in” – **42** in Africa

High Impact Opportunities (HIO)- Catalyzing Investment and Business Actions

- Platform for Stakeholders on specific actions with significant potential to advance the three objectives of SE4ALL
- Initial set of 50 potential HIOs identified

HIOs - close to being formalized

1.Energy and Women’s Health

2.Phase out of Gas Flaring in Oil Production

3.Sustainable Bioenergy

4.Vehicle Fuel Efficiency

5.Water-Energy-Food Nexus

6.Universal Adoption of Clean Cooking Solutions

7.Green Energy Mini-grids



SUSTAINABLE ENERGY
FOR ALL

ECREEE and Sustainable Energy for All (SE4ALL)

ECOWAS Member States have called upon ECREEE to serve as the focal point for the SE4ALL Initiative in the ECOWAS region

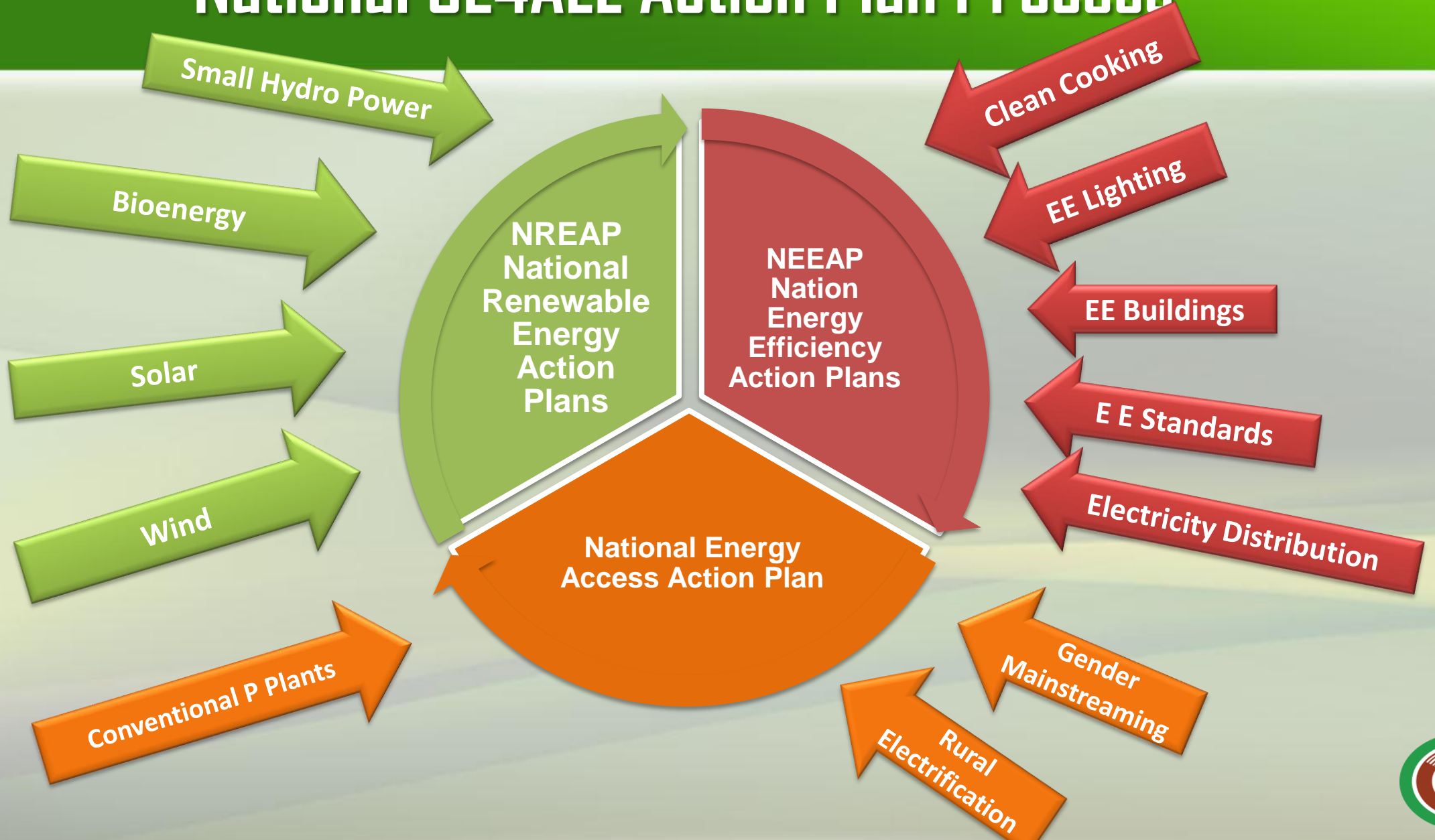
- *ECREEE supports the Member States in*
 - *Strengthening the national SE4ALL institutions/focal points*
 - *the development of **national SE4ALL Action Agendas** (15 national consultants and an international expert team contracted)*
 - *the identification and development of concrete investment projects (special transaction expert – collaboration with USAID)*
 - *Specific sectoral SE4ALL programs through the ECOWAS Initiatives (WACCA, Gender, Lighting etc)*
 - *Rural Electrification (i.e EREF Call on Mini Grids)*
 - *Participation in SE4ALL HIOs (collaboration with international partners in the development of projects)*
- *Collaboration with all SE4ALL Hubs and national, regional and international Partners,*



**SUSTAINABLE ENERGY
FOR ALL**



National SE4ALL Action Plan Process



ECOWAS ENERGY EFFICIENCY POLICY TARGETS

Targets and Action Plan are based on six flagship initiatives, each serving as components of the Regional EE Policy

phase out inefficient incandescent lamps by 2020

ensure the entire ECOWAS population have access to efficient, sustainable and modern cooking fuels and equipment by 2030

reduce average losses in electricity distribution from the current level of 15 - 40% to 10% by 2020

adopt region-wide standards and labels for major energy equipment

develop and adopt region-wide efficiency standards for buildings

create instruments for financing sustainable energy, including carbon finance

ENERGY EFFICIENCY PROGRAM

- The energy efficiency programme aims to implement the ECOWAS Energy Efficiency Policy through **six (6) regional initiatives:**

- Efficient Lighting,
- High performance of Distribution of Electricity,
- Standards & Labeling,
- Energy Efficiency in Buildings,
- **WACCA - Sustainable and Clean Cooking,**
- Financing Sustainable Energy.



- On the national Level, the implementation starts with the development of National Energy Efficiency Action Plans (NEEAPs)



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%

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



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+



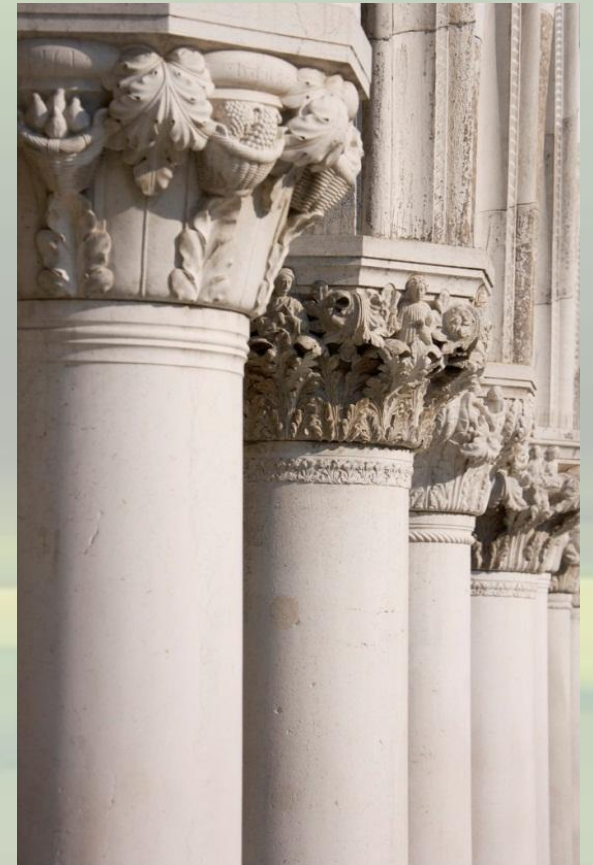
MAIN PILLARS OF THE WACCA ACTION PLAN

• 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;

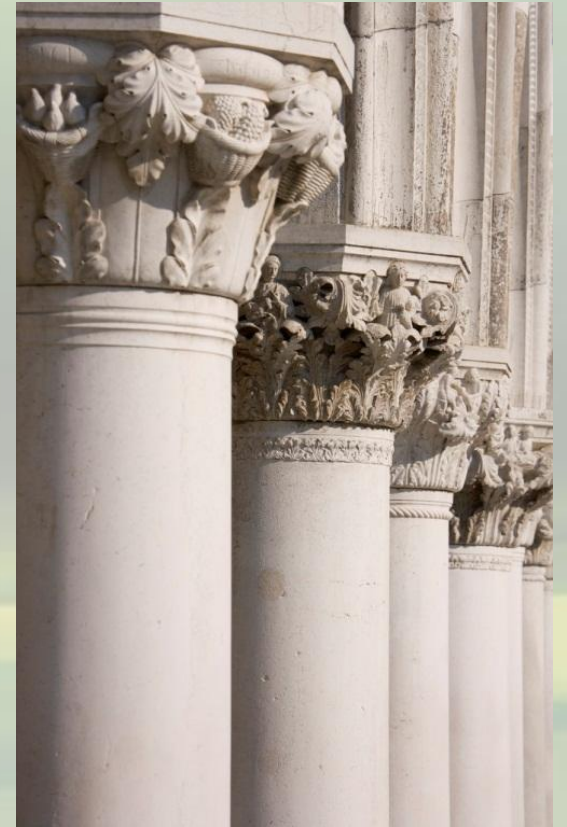
• Capacity Building

- 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



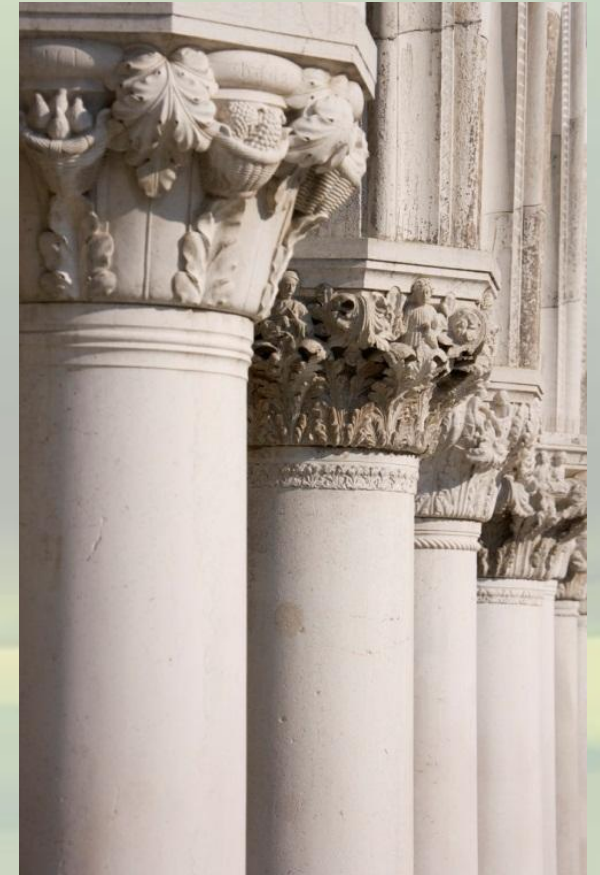
MAIN PILLARS OF THE WACCA ACTION PLAN

- **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

WACA 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 domestic and productive use

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



PREMIÈRE RÉUNION
NATIONALE DES PARTIE PRENANTES
SUR L'ENERGIE DE CUISSON EN CÔTE D'IVOIRE



21 MARS, NOVOTEL PLATEAU,
ABIDJAN CÔTE D'IVOIRE

MINISTRE DE L'ÉNERGIE DE
CÔTE D'IVOIRE

CENTRE POUR LES ÉNERGIES RENOUVELABLES
ET L'EFFICACITÉ ÉNERGETIQUE DE LA CEEAO

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- Development of a first **Stock-Taking** report in preparation of the Stakeholder Forum
- ToR for a comprehensive **Diagnostic 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
- **Diagnostic Study** for all 10 islands will be carried out
- National Alliance will be formed to develop 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



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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AFFORDABLE COOKING ENERGY SOLUTIONS





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