

# POWER-KICK AFRICA



## REGIONAL POLICY AND POTENTIAL FOR RENEWABLE ENERGY DEVELOPMENT IN WEST AFRICA.

**MAHAMA KAPPIAH  
EXECUTIVE DIRECTOR  
ECREEE**

**ABUJA, 30<sup>TH</sup> JUNE 2011**



## THE ECOWAS REGION



- 15 COUNTRIES WITH A LAND AREA OF 5 MILLION M<sup>2</sup>
- CLIMATE FROM SEMI-ARID TO HUMID TROPICAL
- POPULATION OF WITH 262 MILLION PEOPLE,
- 60% OF POPULATION LIVES IN RURAL AREAS
- 13 OF THE 15 COUNTRIES ARE LDCS AND HIPIC
- ALMOST 150 MILLION PEOPLE HAVE NO ACCESS TO MODERN ENERGY SERVICES





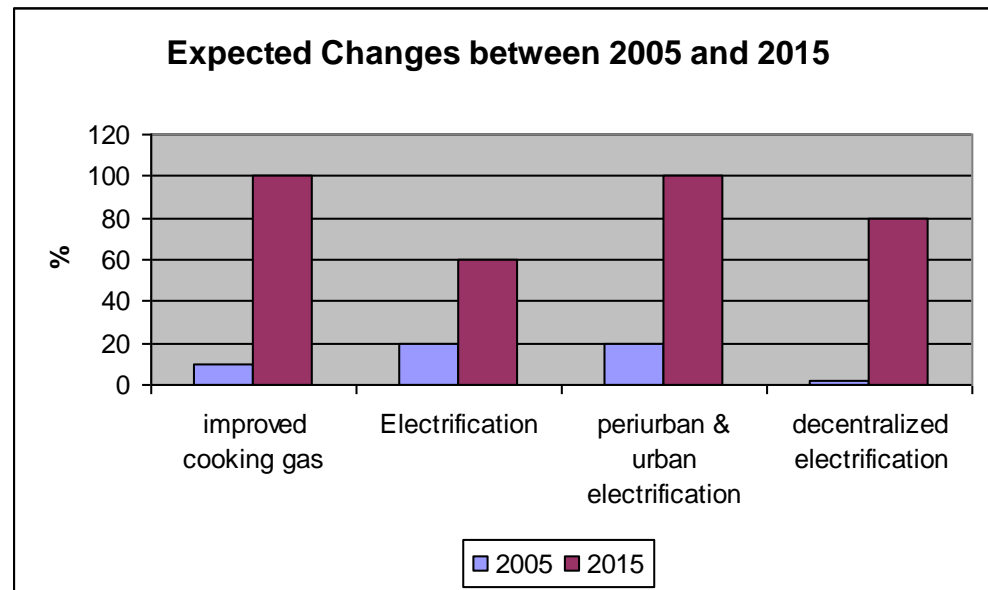
# Regional Response:

## The ECOWAS/UEMOA White Paper on Access to Energy Services

Adoption of the White Paper in January 2006 in Niamey by the Authority of ECOWAS Heads of State and Governments.

**Target:** Provide, by 2015, access to modern energy services to at least half the population living in rural and sub-urban areas:

- 100% of the total populations or 325 million people, will have access to improved cooking fuel
- At least 60% of people living in rural areas will reside in localities with access to motive power to boost economic activities and access to modern community services
- 66% of the population, or 214 million people, will individually have access to electricity supply



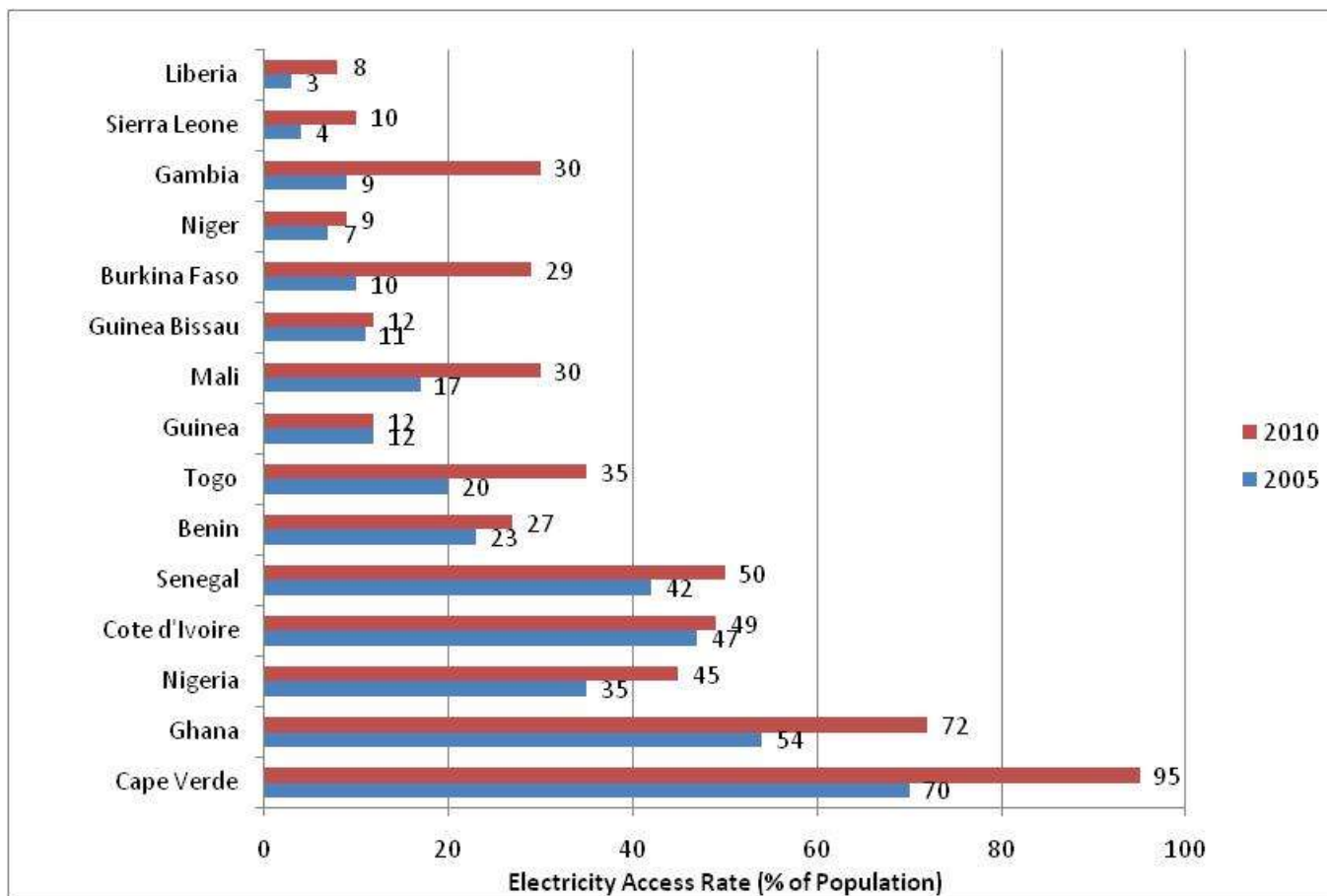


## Regional Actions

1. Establishment of Regional Multi-Sectoral Committee on Energy Access
2. Ensure the Inclusion of ENERGY as a Priority in National Indicative Programmes (ie PRSPs)
3. Supporting formulation and implementation of investment programs to expand energy access
4. Knowledge Management and dissemination of best practices;



## Electricity Access Rate in ECOWAS Countries 2005 and 2010





# Foundation of ECREEE

Regulation C/REG.23/11/08 of the 61st Session of ECOWAS Council of Ministers in Ouagadougou, Burkina Faso, on November 23, 2008;

## Objective

To create favorable framework conditions and an enabling environment for renewable energy and energy efficiency markets in ECOWAS

- **Tailored policy, legal and regulatory frameworks and quality standards**
- **Program and Project Development,**
- **Capacity development of key groups of different sectors**
- **Advocacy, awareness raising, knowledge management and networking**
- **Investment promotion and business development**

Commenced November 2009 with support of the the Austrian and Spanish Governments and technical assistance from UNIDO.



# New Policy Initiatives

## Renewable Energy Penetration Targets for 2020

Cape Verde	- 50%
Ghana	- 10%
Senegal	- 15%
Mali	- 25%



# Existing RE installations in the Region.

January 2011







# Solar Projects in the ECOWAS Region



**2.5 MW Solar PV, in Sal, Cape Verde  
Commissioned October 1, 2010**

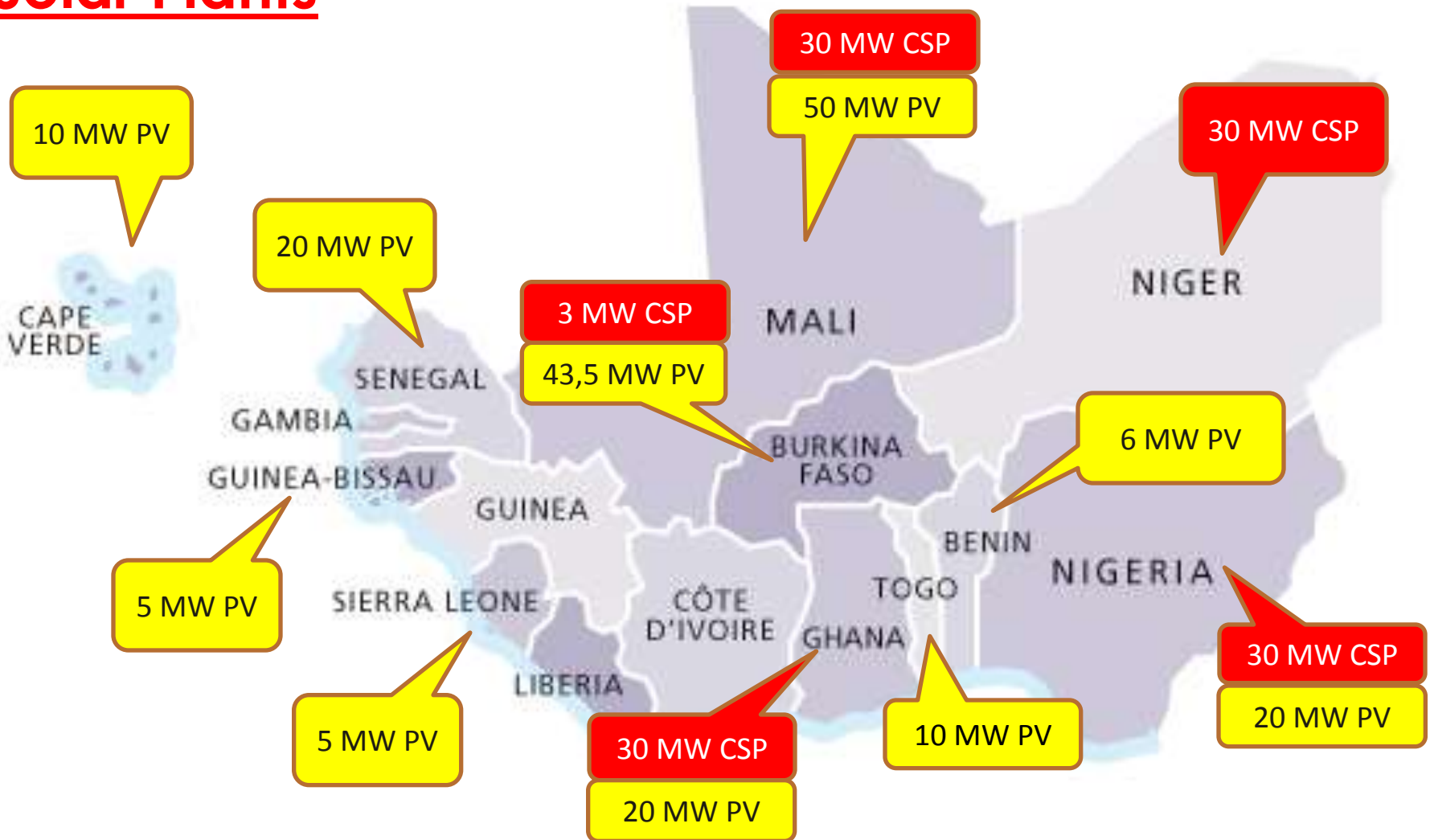


**5 MW Solar PV, in Praia, Cape Verde  
Commissioned November 2, 2010**



# Planned RE Projects in the Region

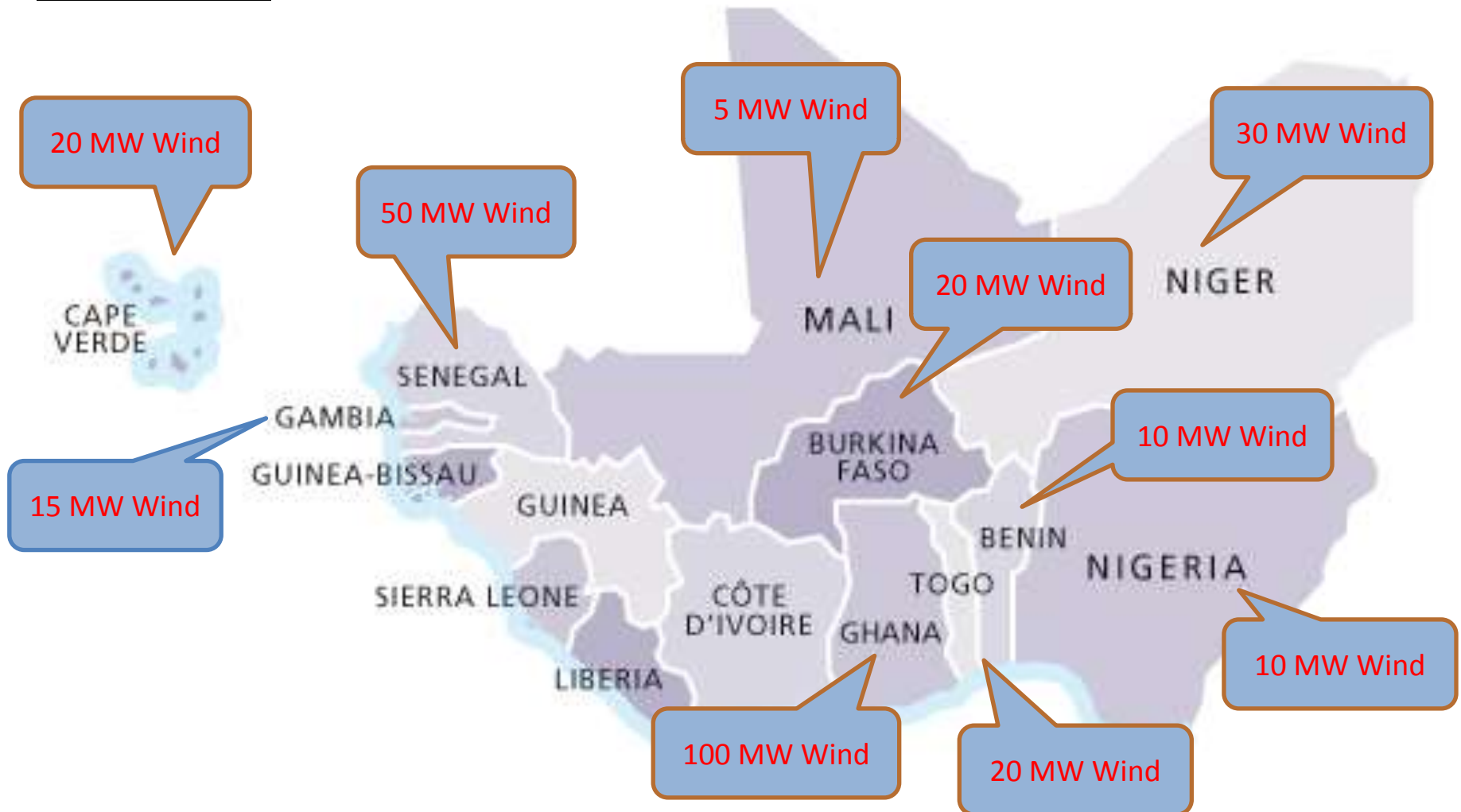
## Solar Plants





# Planned RE Projects in the Region

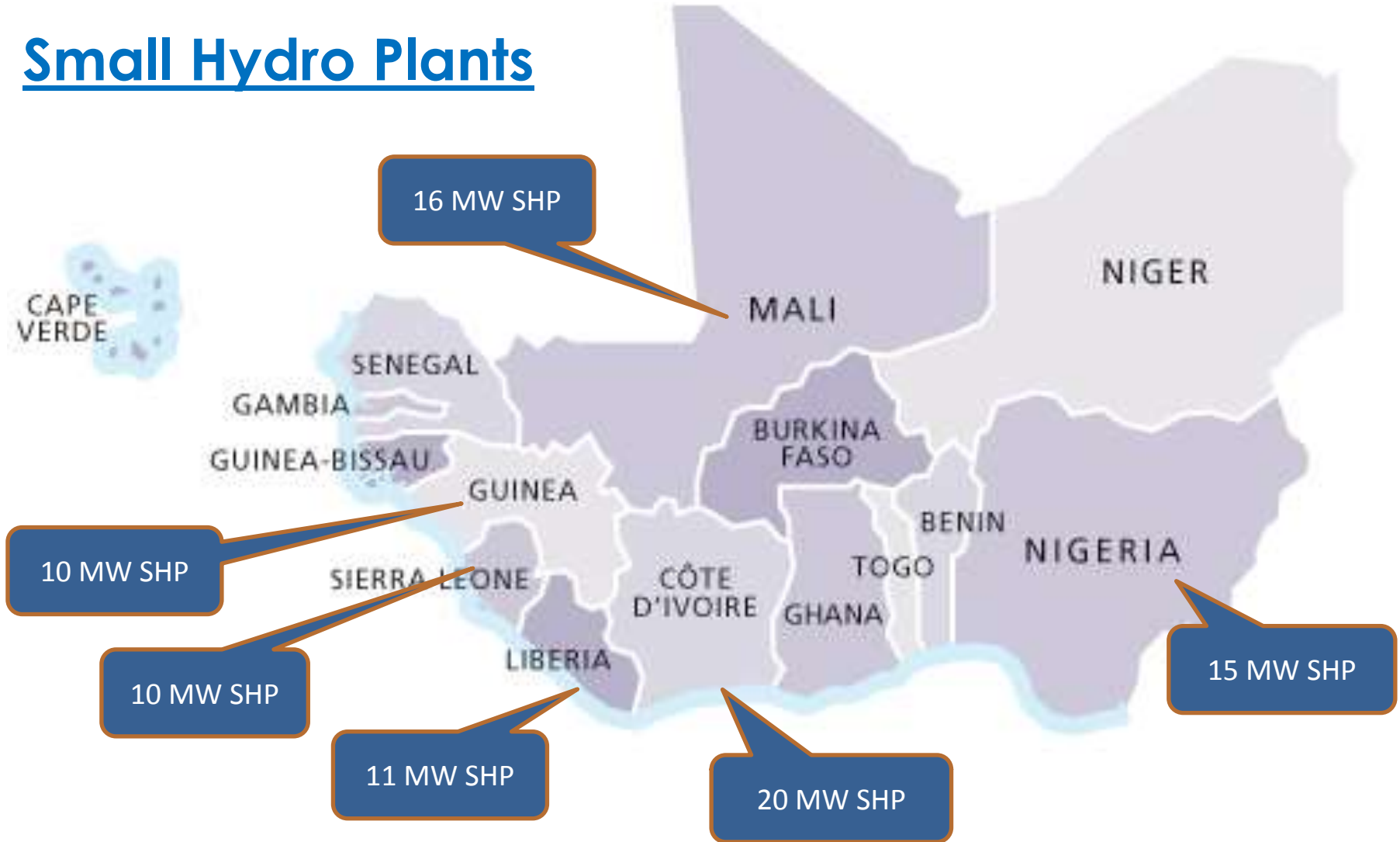
## Wind Farms





# Planned RE Projects in the Region

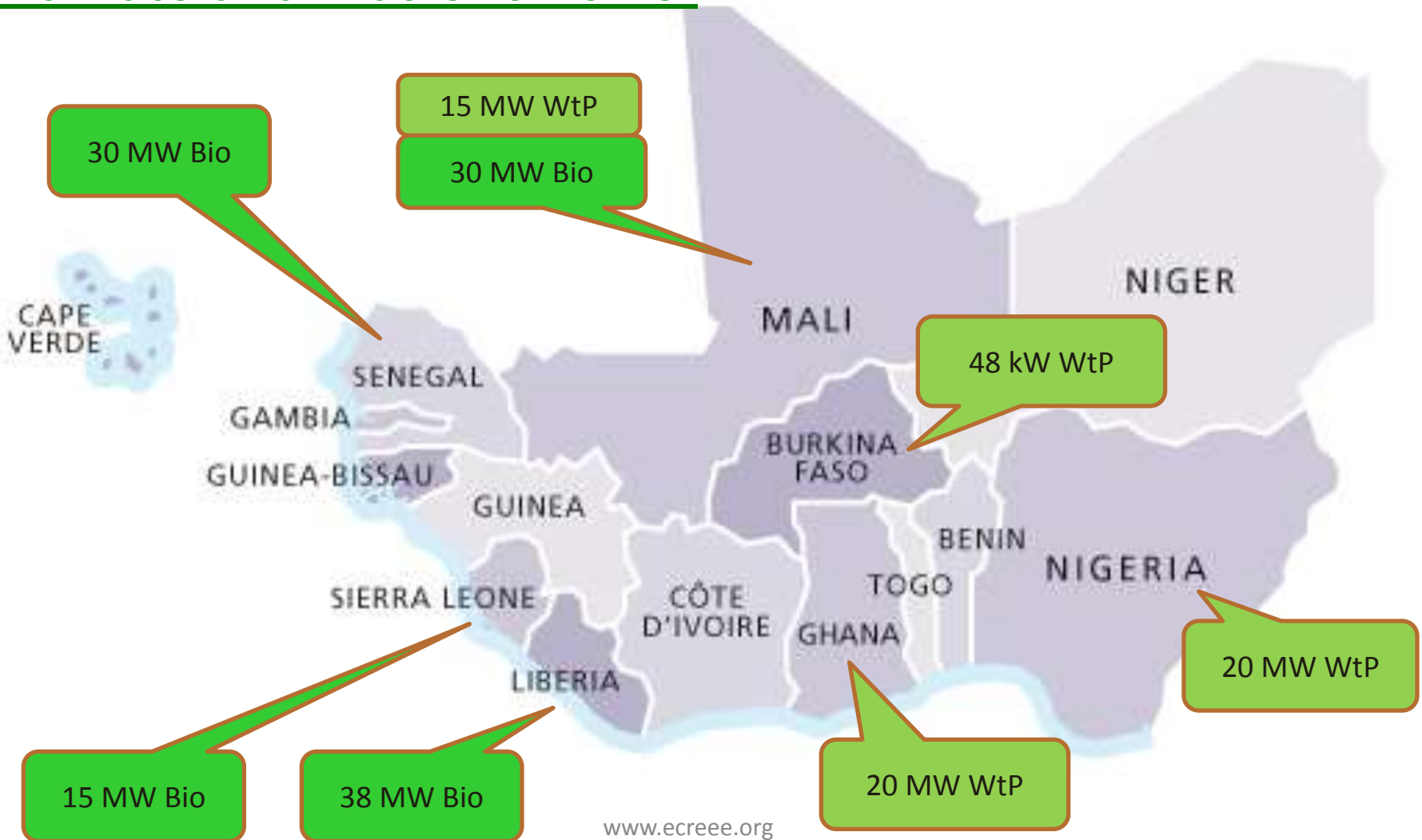
## Small Hydro Plants





# Planned RE Projects in the Region

## Biomass and Waste to Power







# ECREEE AND PARTNERS

## Core Donors



Austrian  
Development Cooperation



€ 11m

## New Entrants



€ 18m

## Those who have shown intent



## Technical Partners



ADEME



Agence de l'Environnement et de la Maîtrise de l'Énergie



€ 1m



INTERNATIONAL  
RENEWABLE  
ENERGY AGENCY

IRENA



MINISTERIO DE CIENCIA E INNOVACIÓN



# Conclusion

The right policies backed by incentives is can foster renewable energy development in West Africa

[www.ecreee.org](http://www.ecreee.org)



**Thank you!**  
[www.ecreee.org](http://www.ecreee.org)