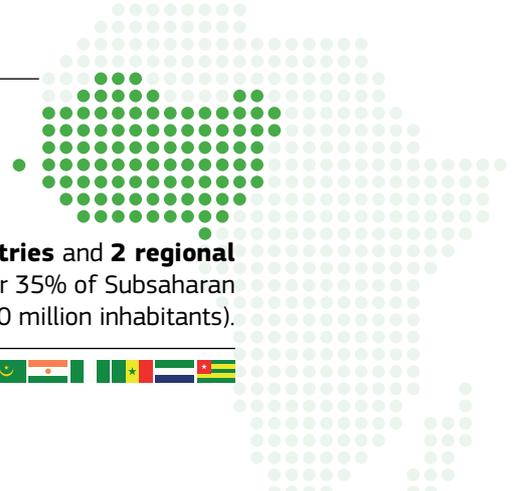




European Commission

The Energy sector

in West Africa is considered today as one of the most prominent integration factor for the region.



West Africa represents **16 countries** and **2 regional organisations**, and accounts for 35% of Subsaharan Africa's population (more than 330 million inhabitants).



1. West Africa political commitment

ECOWAS and UEMOA have developed a comprehensive set of regional policies and directives for the Energy sector covering the issues of access, generation capacity, renewable energy and energy efficiency.

Ambitious goals by 2030:

- Universal access to sustainable energy services
- Share of renewable energy in the electricity mix (in GWh): **31%**

Key data on energy in West Africa:

- Access to electricity (2012): **21%**
- Share of renewable (in GWh, 2010): **26%**

2. EU support to Energy in West Africa

The EU a key player in the energy sector for the years to come

The adoption of the Agenda for Change that promotes Energy and innovative financing mechanisms, together with the creation of new instruments such as the Technical Assistance Facility, the EU-Africa Infrastructure Trust Fund SE4All window (promoting access through blending) and the additional allocation to the GEREf (promoting private sector investment in renewable energies) have put the European Union in a position of key player for the years to come.

Over the current financial framework (2014-2020) the EU will allocate more than 3 billion euros in support of energy cooperation with 30 partner countries. This will leverage investments between EUR 15 and 30 billion in loans and equity investment, thus enabling to plug the gaps in energy infrastructure and power businesses, schools, homes and hospitals.

In West Africa, the EU has allocated a total of 1.1 billion EUR for West Africa on the energy sector since 2007.

TOTAL EU Contribution to energy (2007-on-going)	EUR (millions)
10 th EDF (including Sustainable Energy for All (SEALL))	254
EU-ACP Energy Facilities 1 and 2	97
Africa Infrastructure Trust Fund (AITF) projects	85
11 th EDF	699
TOTAL	1134

As part of the 11th EDF (2014-2020), 5 West African countries have chosen energy as a focal sector in their national programmes. In addition, the 11th EDF Regional Indicative Programme (200 million EUR for energy) will focus interventions on:

- Capacities in energy production, transmission, distribution and promotion of energy efficiency
- Regional energy sector governance and regulation, regional market integration
- Stimulation of the private sector aiming at the creation of a functional market and attraction of investments



WAPP at a glance:

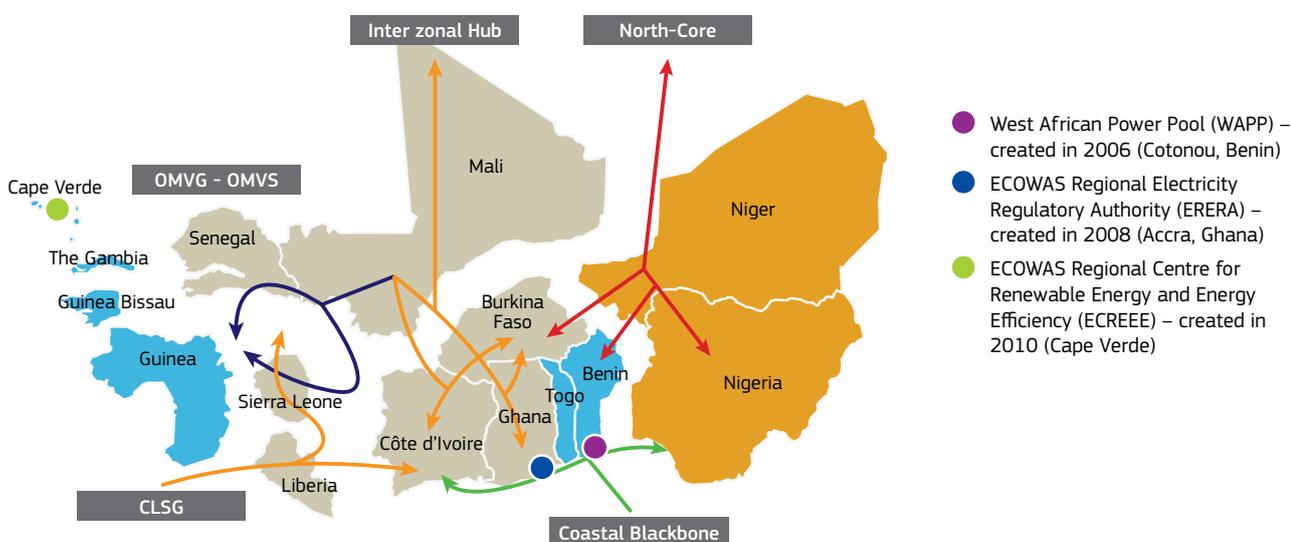
Objective:

“Promote and develop infrastructure for power generation and transmission, as well as, to assure the coordination of electric power exchanges between ECOWAS Member States.”

Cross-border connectivity

- Number of km of overhead power lines interconnected: **9,000 km**
- Number of kWh exchanged (between 2008-2014) on the interconnected network: around **1/3 of annual electricity consumption within ECOWAS** (22,900 kWh).

Planned WAPP transmission network



Case study. Côte d'Ivoire, Liberia, Sierra Leone, Guinea (CLSG) Interconnection.

Context

The CLSG project addresses three major constraints: (i) low access to electricity (28.3% in 2010); (ii) a structural production deficit of over 30% and demand whose growth averages 6% to 8% per year; (iii) high electricity costs (fossil fuel-powered thermal energy accounts for 85% of all power).

The CLSG Interconnector project involves constructing a 1357 km transmission line allowing exports initially from Cote d'Ivoire to Liberia, Sierra Leone, and Guinea. The interconnector aims to provide these countries with an increased supply of electricity to meet growing demand and to create incentives for hydro-power potential, such as in Sierra Leone and Guinea, to be realised. Approximately 12.5% of the total Project cost will finance rural electrification.

Expected results

- 25 million people will benefit from the electricity transmitted;
- 60000 households (370 000 people) with new connection to electricity in rural areas;
- Permanent jobs created: 200 Full Time Equivalent (FTE);
- Temporary jobs created: an estimated 1 000 person/years;
- Greenhouse gas emissions (0.02 k Tonne CO₂ equivalent per year).

Total estimated cost: EUR 370 000 000
Total EU co-financing requested

EU-AITF regional envelope: EUR 4 750 000 technical assistance for pre-investment studies

EUR 12 500 000 interest rate subsidy for EIB loan financing of the project, and

EUR 10 000 000 direct grant for AfDB funding of the rural electrification in Sierra Leone