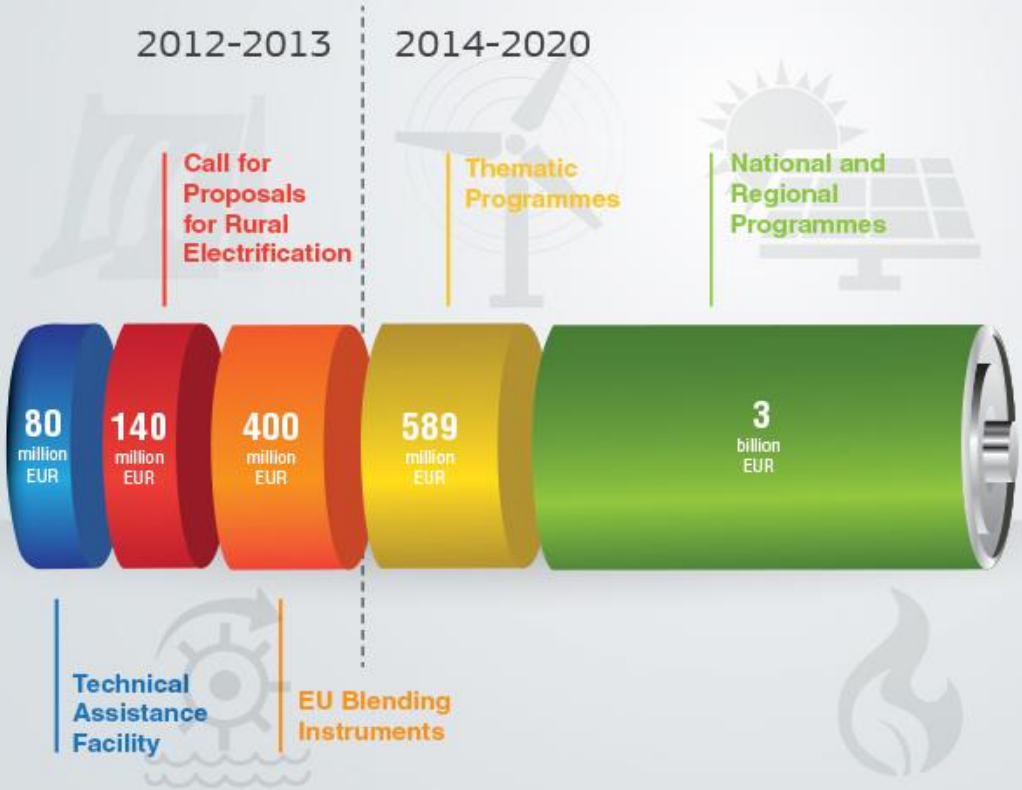
The EU's Technical Assistance Facility (TAF) for the SE4ALL initiative

Contract No 1 : West and Central Africa

Georgios GRAPSAS
Policy Officer
European Commission DG DEVCO

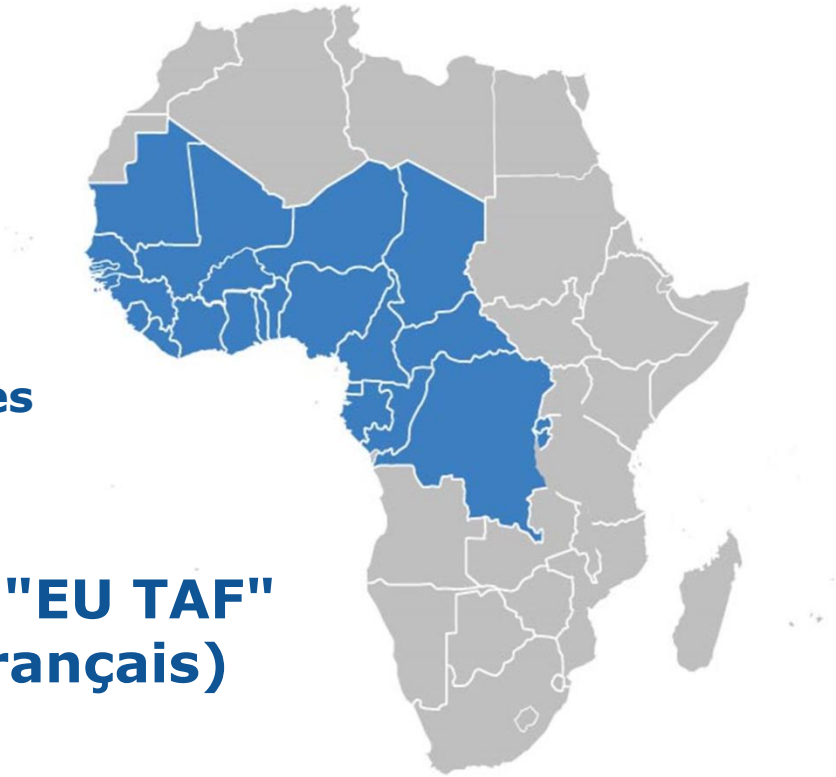


More than EUR 4 billion for the fight against energy poverty

- **EUR 600 million mobilised** already in 2012-2013.
- **More than EUR 3.5 billion** allocated for 2014-2020.
- Significant **leveraging investments**. Fill gaps in energy infrastructure and power businesses, schools, homes and hospitals.

EU Technical Assistance Facility for the SE4ALL Initiative Western and Central Africa

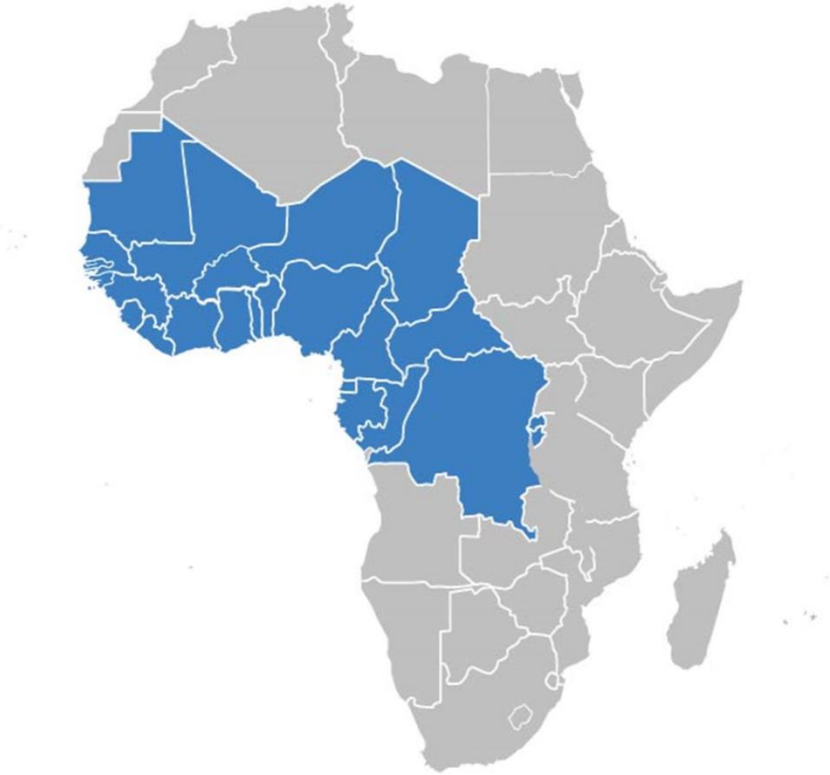
- 3 contracts >40 million EUR
- Contract launched in December 2013
- Duration: 4 years (renewable)
- Geographic coverage: 26 countries
- DCI fonds (not EDF)



""TAF" or "EU TAF" (FAT en Français)

EU Technical Assistance Facility for the SE4ALL Initiative Western and Central Africa

- **Contrat No 1**
- **Afrique de l'Ouest et Central**



The EU's Technical Assistance Facility (TAF) for the SE4ALL initiative

Overall objective:

To support the partner countries to ;

1) **improve their policy** and regulatory framework conditions aiming at providing attractive and enabling conditions for
2) **increased public and private investment** in :

1) **Energy Access,**
2) **Renewable Energy**
3) **Energy Efficiency**

SE4ALL goals

The EU's Technical Assistance Facility (TAF) for the SE4ALL initiative

The 5 activities defined under TAF

Activity 1. *Stocktaking and establishing national energy sector policies*

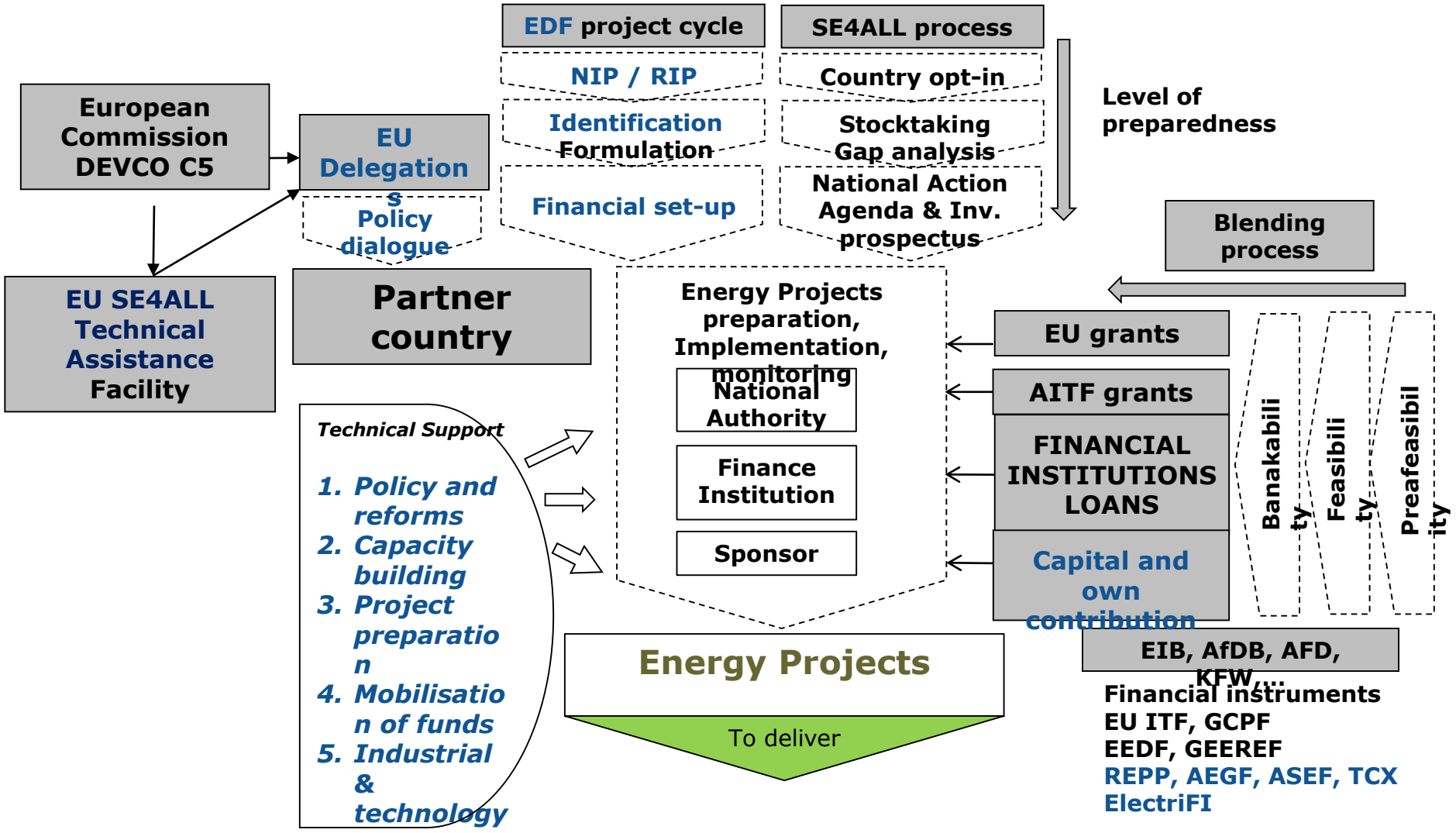
Activity 2. *Capacity building in policy and regulatory framework*

Activity 3. *Technical support in programming and preparation of projects - improving project maturity*

Activity 4. *Support to mobilising funds and partnership*

Activity 5. *Support to industrial and technology cooperation*

TAF implementation environment



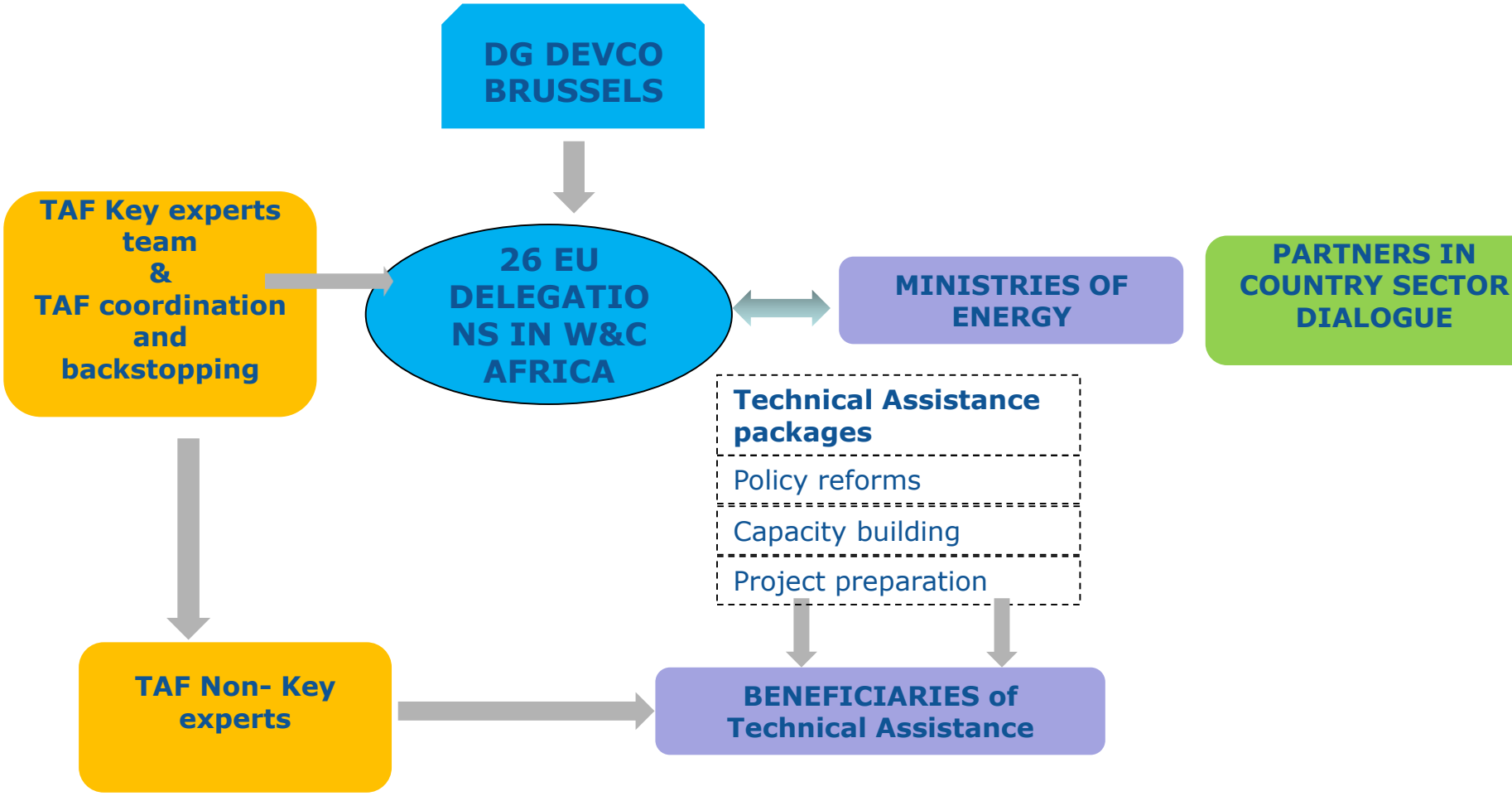
The EU's Technical Assistance Facility (TAF) for the SE4ALL initiative

EU TAF Specific Objectives

Specific objective:

- **increase capacity,** administrative and technical, for sector policy analysis, development and implementation of reforms
- **accelerate sector reform**
- **Transfer knowledge, disseminate experience**
- **facilitate the implementation of the investment projects** for the development of the infrastructure that is needed for the SE4All objectives to be met

TAF IMPLEMENTATION STRUCTURE



Structure of the EU-TAF Team

*Long term management of action plan through **5 Key Experts***

1. **Project Manager**
2. **Rural Electrification expert**
3. **Renewable Energy expert**
4. **Energy Efficiency expert**
5. **Fragile Countries and Great Lakes Region expert**

*Mobilisation of **Short Term Experts** for in-country missions responding to needs in specific areas of expertise*

Part 2

Presentation of EU TAF

Status of country missions

26 partner countries in West & Central Africa, 14 visited

Benin, Burkina Faso, Burundi, Cameroun, Cape Verde, Central African Republic, Chad, Congo, Ivory Coast, Democratic Republic of Congo, Equatorial Guinea, Gabon, Gambia, Ghana, Guinea, Guinea Bissau, Liberia, Mali, Mauritania, Niger, Nigeria, Rwanda, Sao Tomé and Principe, Senegal, Sierra Leone, Togo

Côte d'Ivoire

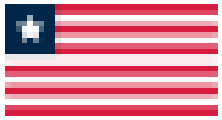
Key issues

- Energy is a focal sector for the 11th EDF (139 million EUR in the NIP)
- Signed EU-CdI joint declaration in September 2014

Status of Missions

1	ENERGOS project of extending the electricity network in 3 major cities, Abidjan, Bouake and San Pedro	1st phase	
2	Electricity, renewable energy and energy efficiency regulatory support, drafting of legal decrees	starting	
3	ECOFIN analysis of the ENERGOS project	ongoing	
4	Study on the Financial Equilibrium of the electricity sector	ongoing	
5	Environmental and social assessment of the ENERGOS project	ongoing	
6	Drafting of legal implementing decrees of the new electricity law	ongoing	

Liberia



Key issues

- EBOLA crisis and fragile state
- Energy is a focal sector for the 11th EDF (100 million EUR in the NIP), signed EU-Liberia joint declaration

	Status of missions		
1	Stocktaking of the energy sector, proposals for capacity building and restructuring of the Ministry of Energy	Completed	
2	Support to the Rural Electrification Agency, and identification of rural electrification and micro-hydro projects	Completed	
3	Remote support to the Liberia Electricity Company for the detailed design of the Monrovia consolidation and grid extension project	Ongoing	
4	Electricity tariff study	Planned	
5	Capacity building to Ministry of Energy	Planned	

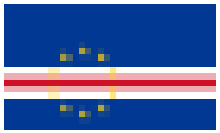
Togo

Key issues

- Energy is a focalsector for the 11th EDF (30 million EUR in the NIP). Signed EU-Togo joint declaration.
- Key issues are: increase electricity access, regional interconnection and reduction of biomass in the energy mix.

	Status of missions		
1	Stocktaking and project identification and formulation	Completed	
2	Identification of 11th EDF projects, (grid access, micro hydro, institutional capacity building, renewable energy)	Completed	
3	Institutional capacity strengthening proposal for the Togo Electricity Company	planned	
4	Prefeasibility study for 3 micro hydro projects	Planned	
5	Hydroelectric potential assessment	Planned	
6	Lome and secondary cities grid study	Planned	

Cape Verde



Key issues

- Energy is a not concentration sector for the 11th EDF
- Cape Verde does not have any fossil fuel resources, is poor in biomass and fresh water resources, but has consistent wind and solar resources Price of electricity is one of the highest
- Signed EU-Cape Verde joint declaration

	Status of missions		
1	Stocktaking of the energy sector and proposals for donor coordination	Completed	
2	Desk study and preparation of bankable pumping storage project for energy produced by wind	Completed	
3	Detailed financial analysis of pumping storage and desalination project in Santiago in view of a possible PPP (coming soon)	Planned	
4	Enablin environment framework for private sector participation	Planned	

Status of missions in other countries

Benin

- Stocktaking of the energy sector (completed)
- Institutional capacity strengthening in the Ministry of Energy (completed)

Burkina Faso

- Development of SE4ALL action agenda and investment prospectus
- Support to the Zagtouli solar power plant (completed)

Burundi

- Masterplan for the sustainable management of firewood sector (completed)
- Support for the establishment on decentralised (off-grid) rural electrification master plan

Ghana

- Stocktaking and appraisal of energy-related project proposals fro 11th EDF
- Review of energy-agriculture synergies (coming soon)
- Scoping mission for preparation of the country NIP of 11th EDF, (coming soon)

Status of missions in other countries

Guinea Bissau

- Stocktaking of the energy sector (completed)

Nigeria

- Stocktaking and project identification and formulation (completed)
- 2nd mission for scoping elligible energy projects in the 11th EDF

Senegal

- Stocktaking of the energy sector and 11th EDF planning (completed)

Sierra Leone

- Stocktaking of the energy sector (desk study)

Mano river existing older hydroelectric study review

Horizontal and transversal tasks

Training handbook for developing energy projects

Training modules in the energy sector

EU Delegation staff and the local officers responsible for managing EU funded projects are trained in the energy sector technical and policy issues

Horizontal technical aspects

The EU TAF has worked upon request for several technical, operational and policy issues linked to energy such as the GIS supported planning, innovative financing tools, energy access cost estimation tools per country, energy indicators for the results framework

Main types of studies/actions for the TAF

Creating an enabling environment promoting renewable energy, access and energy efficiency

Regulation – Electricity policy– Energy statistics

Planning rural electrification at a country level using GIS

Planning energy production through "least cost planning" and other tools

Work in mutlicountry and regional projects – supporting common actions

Project pipelines for investments (ElectriFI initiative)

Projects : Preparing and enabling private sector and financial institution participation – financial analyses

Main Contacts :

Unit C5:

Project Manager : *Georgios GRAPSAS*

Key experts of the TAF contract covering W & C Africa:

Project Manager : ***M Pascal HABAY***

Rural électrification expert *M Martin Ehrling*

Renewable energy expert *M Luc Chancelier*

Energy Efficiency expert: *M Abdelhamid MAGHREBI*

Great Lakes and fragile countries expert: M Michel CAUBET

Point de contact *: Chaque Delegation*

Thank you for your Attention