



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

West and Central Africa

24 March 2015

Part 1

 Presentation of EU TAF

Status of country missions

Feed-back on SE4ALL Action Agenda and Investment
Prospectus

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

- Contract launched in December 2013
- Duration: 4 years
- Geographic coverage: 26 countries



EU TAF Overall Objectives

Overall objective:

→ Support the partner countries to **improve their policy** and regulatory framework conditions aiming at providing attractive and enabling conditions for **increased public and private investment** in :

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

EU TAF Specific Objectives

Specific objective:

- **increase capacity**, administrative and technical, for sector policy analysis, development and implementation of reforms
- **accelerate sector reform**
- **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

DEVCO / Unit C5 (in coordination with the geographical Units concerned): manages contract, coordinates priorities, approves specific mission ToR's, monitors quality of deliverables

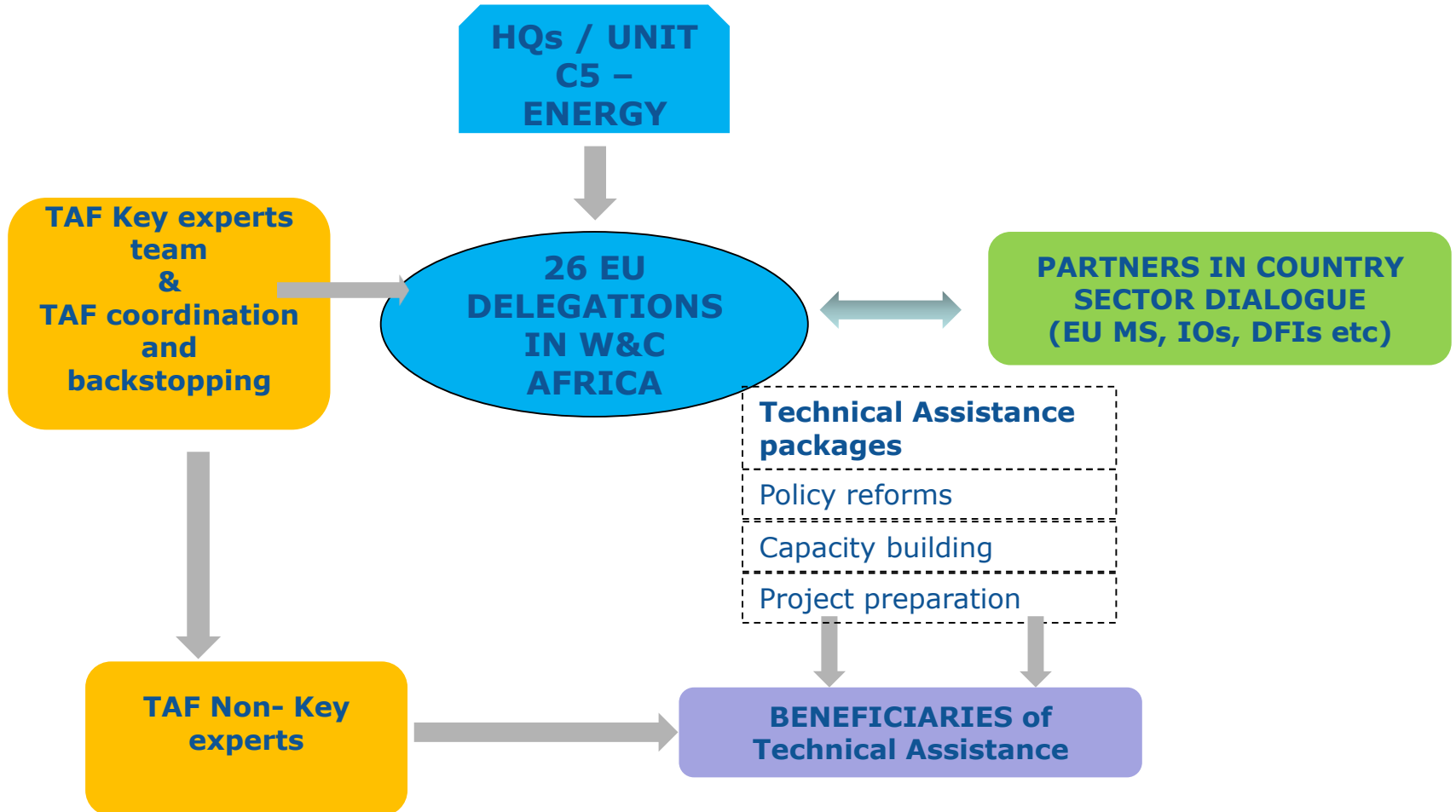
EU Delegations: participates in the policy dialogue in the respective countries, coordinate with local authorities and donors' community the demand for TAF missions, steer and monitor TAF experts' missions on the spot and coordinate the dissemination and use of deliverables locally after the missions

TAF IMPLEMENTATION STRUCTURE

*The **TAF Key experts team** provide energy expertise, ensure coordination and information exchange, quality support for missions, reports and liaise with non-key experts, HQs, Delegations and beneficiaries for the organisation of missions*

*The **TAF consortium coordinators** ensures operation and logistical support for the Technical Assistance Facility, as well as the contractual management of experts*

TAF IMPLEMENTATION STRUCTURE



The 5 activities defined under TAF

Activity 1. Support to complete pre-requisite sector policy and reforms

- Improving business environment for private sector and projects bankability
- Expanding market opportunities

Activity 2. Support Capacity building in policy and regulatory framework

- Targeting National authorities, financial institutions and fund managers, project sponsors

The 5 activities defined under TAF

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

- Particularly in countries with energy as concentration sector for 11th EDF (Cote d'Ivoire, Nigeria, Togo, Benin, Liberia)
- In countries with water and/or agriculture as concentration sector for 11th EDF: energy – water / agriculture nexus (example: Ghana)
- In any other countries requested TAF support (example: Burkina Faso)

The 5 activities defined under TAF

Activity 4. Support to mobilising funds and partnership

- Grants: EDF, AITF, EU Energy facility, convertible grants under GPGC
- Blending with EU financing instruments (affordable long term debt, equity finance, loan repayment guarantee scheme, dedicated micro finance schemes)

Activity 5. Support to industrial and technology cooperation

- Access to EU technologies, training and twinning schemes, pilot and demonstration projects

Structure of the EU-TAF Team

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

- Project Manager
- Rural Electrification expert
- Renewable Energy expert
- Energy Efficiency expert
- 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

Feed-back on SE4ALL Action Agenda and Investment
Prospectus

26 partner countries in West & Central Africa, 14 visited countries to-date of which 11 in WA

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 Príncipe, *Senegal*,
Sierra Leone, *Togo*



Côte d'Ivoire



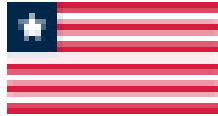
Key issues

- Energy is a focal sector for the 11th EDF (139 million EUR in the NIP)
- Signed EU-CdI joint declaration in September 2014
- Cote d'Ivoire has preserved energy independence with an energy production (including oil and gas) higher than primary energy consumption

Status of Missions

1	ENERGOS project of extending the electricity network in 3 major cities, Abidjan, Bouake and San Pedro	1st phase Completed	●
2	Electricity, renewable energy and energy efficiency regulatory support, drafting of legal decrees	starting	●
3	ECOFIN analysis of the ENERGOS project	launched	●
4	Study on the Financial Equilibrium of the electricity sector (starting)	launched	●
5	Capacity building to the Ministry on RE an EE support schemes	upcoming	●

Liberia



Key issues

- EBOLA crisis and fragile state
- Energy is a concentration sector for the 11th EDF (100 million EUR in the NIP), signed EU-Liberia joint declaration
- Liberia is very far from SE4ALL objectives and will need a higher effort than any other country to reach them
- Legal framework and business environment not conducive to private sector participation

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 (coming soon)	Planned ●
5	Capacity building to Ministry of Energy	Planned (on-hold) ●

Togo



Key issues

- Energy is a concentration sector 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
- Generation capacity is below needs

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 (coming soon)	Planned	●
5	Development of SE4ALL action agenda and investment prospectus (coming soon)	Planned	●
6	Restructuring & capacity building programme CEET and Creation of Rural Electrification Agency/ Rural Electrification fund	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 mostly unexploited
- 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	Energy efficiency planning (coming soon)	Planned	●

Status of missions in other West African 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)

Ghana

- Stocktaking and appraisal of energy-related project proposals
- 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 West African countries

Guinea Bissau

- Stocktaking of the energy sector (completed)

Nigeria

- Stocktaking and project identification and formulation (completed)

Senegal

- Stocktaking of the energy sector (planned)
- Study of the proposal for rural electrification along the OMVG transmission line (completed)

Part 3

Presentation of EU TAF

Status of country missions

 Feed-back on SE4ALL Action Agenda and Investment Prospectus

List of on-going / completed SE4ALL Action Agenda and investment Prospectus so far

- Burkina Faso (jointly by TAF and ECREEE)
- All ECOWAS member states (by ECREEE)
- Ethiopia and Uganda (by EU framework contracts under Energy Facility)
- Ghana (by US)
- Gambia and Kenya (by AU/NEPAD financed by ACP Secretariat “Bizclim”)
- Rwanda (by AfDB)

SE4ALL Action Agenda and investment Prospectus

- TAF develops an SE4ALL Action Agenda and Investment Prospectus framework in every country of action
- For Burkina Faso, the SE4ALL Action Agenda and Investment prospectus has mobilized 100 working days of highly qualified experts
- The work was done in three phases: baseline, strategic options, investment prospectus
- A fourth phase of merging the findings with the ECREEE team has been added (tentative schedule on April 16)

SE4ALL Action Agenda and investment Prospectus

- **Energy Information System:** The baseline scenario has been developed by extrapolating 2000 statistics for firewood and collecting recent statistics from the power and oil industry; estimates and projections have been validated by the multi-ministerial coordination group
- **Scenario:** The interaction with the government has resulted in developing a “reasonable” scenario with revised national targets more in line with the absorption capacity; the “reasonable” scenario has been validated by the multi-ministerial coordination group

SE4ALL Action Agenda and investment Prospectus

- **Investment prospectus:** Over 80% of the investment requirement is on electricity access (40%+) and renewable energy (40%+); The share of investment for Access to modern cooking fuel is in the range of 10-15%; The share of investment for Energy efficiency is in the range of 5-10% and is probably the most difficult to assess because multi-sectorial
- **Type of actions:** Building a conducive legal and regulatory framework is part of the actions recommended in the action agenda and is a pre-requisite for a favourable business environment

SE4ALL Action Agenda and investment Prospectus

- **High Impact Opportunities:** Some actions such as building a grid backbone to reach all localities require involvement of development partners with blending financing instruments

Main Contacts :

DEVCO C5:

Project Manager :

Georgios GRAPSAS

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

Project Manager :

Pascal HABAY

Energy Efficiency expert:

Abdelhamid MAGHREBI

Great Lakes and fragile countries expert: Michel CAUBET



Thank you for your attention