



## Africa could become a world leader in renewable energy



Solar is rising in Africa. It's more than a play on words. It is a reality. Long dependent on fossil fuels such as oil and coal, African countries have decided to take the path of energy transition.

Namibia is currently building 5 GW of solar power plants, in partnership with the US Power African initiative. Like this southern African state, several African countries are multiplying renewable energy production projects. However, they need to attract more investment to increase their production capacity and, above all, seize the many opportunities in a growing global market. It's more than a play on words. It is a reality. Long dependent on fossil fuels such as oil and coal, African countries have decided to take the path of energy transition. A strategic shift materialized by the launch of numerous solar, wind, hydraulic and geothermal projects.

Ethiopia is a textbook case. Today, more than 95% of its electricity production comes from its hydraulic installations. It is also one of the countries where renewable energy represents more than 90% of the energy mix. A result, the result of an ambitious green policy initiated by Addis Ababa more than a decade ago.

And it's not over. At the same time, this East African state is finalizing the construction of the Grand Renaissance hydroelectric dam (GERD) on the Nile. This gigantic work with an investment of 4.8 billion dollars, whose work began in 2011, is 90% complete. Once operational, this infrastructure will have a generating capacity of 6448 megawatts (MW). This should enable Ethiopia to be one of the main exporters of electricity in the sub-region. Solar also features prominently on Ethiopia's agenda. In January 2023, the country signed an agreement with Emirati renewable energy group Masdar for the joint development of a 500 MW solar project. The objective is to diversify its energy sources and increase its installed solar energy production capacity by more than 10%, currently estimated at 5,589 MW. Addis has also launched the construction of two 1,000 MW geothermal power plants in Tulu Moye and Corbetti which are expected to be operational in 2025.



As part of the implementation of its 2023 work programme, AREI will organise a platform meeting to share experiences and knowledge on the "Renewable Energy Action Plans".

The main objective of this technical platform is to strengthen the capacities of AREI focal points and national renewable energy directors with regard to the various renewable energy programmes and to ensure effective engagement of private capital in the deployment of renewable energy projects in Africa.

This platform will consist of panels and important meetings of voting and non-voting members.

## Hybrid continental shelf



AREI positions itself as a unifying framework for existing initiatives and other programs in the renewable energy sector on the continent. AREI will create the means to exchange best practices and experiences and facilitate the identification and coordination of investment opportunities at national, regional and continental levels. The successful implementation of AREI will create the conditions for renewables to make a significant contribution (300 GW) to meeting the continent's estimated energy needs of around 600 GW in 2030. In this regard, the African Renewable Energy Initiative (AREI) will organize this platform whose main objective will be to propose and exchange knowledge and set up consultation mechanisms for a more effective regulatory authority to enrich the context and capacity of stakeholders, in order to successfully develop a coherent and synergistic set of regulations that are realistic and maximize the benefits and well-being of the continent. African.

# Technical Committee voting and non-voting members



## Recruitment of the Head of the IDU

During the day of June 13th, 7 candidates were interviewed by the panel and 3 candidates stand out, it was recommended by the CT members of the to present the 3 candidates to the next Board of Directors and to the ministerial meeting for the transparency of the results.

## Merit-based valuation of IDU consultants

The budgetary restriction linked to the Ukrainian crisis, has reduced the number of working hours for EU-funded consultants and limited the number of consultants financed by the France fund to 2 .

## AREI Events

The list of upcoming AREI activities was presented for consideration, with regard to the ministerial meeting scheduled for August 28 hybrid in Tunisia in preparation for the Board meeting scheduled for September in New York on the sidelines of the United Nations General Assembly. Invitations to the Council should be sent by July by H.E. the President of Namibia. The third edition of the AREI forum will be organized in Casablanca next October. Regarding COP28, as every year, AREI will participate and organize some events.

## Presentation of the report on the update of the strategy for resource mobilization

The work was carried out in continuous consultation with the experts of the Technical Committee and IDU, focal points, and took into account the regional diversity and priority of African countries through exchanges with regions and countries. The study was based on the success, results and lessons learned from AREI Phase I. AREI Phase II Action Plan: AREI has published recent reports and studies published in 2022 by international organizations; complementarity, synergy and dialogue with potential actors involved in sustainable energy development in Africa; and expanding and diversifying resource channels through the exploration of new alternatives and partners.



# The importance of regulation to accelerate renewable energy development in Africa



Regulators must have the capacity and experience to:

- § Discuss with technical operators, investors, bankers,
- § Prepare and/or validate supply contracts, purchasing and pricing methods.
- § Control sector unbundling, third party access
- § Avoid discrimination
- § Propose or give an opinion on regulatory changes
- § Understand and manage all the intricacies of litigation and litigation, etc.

To ensure the independence of energy regulators, several prerequisites are indispensable:

- § Role and powers defined on the basis of clear principles, rules and procedures.
- § Own resources from the payment of safe, stable and adequate royalties and copyright.
- § Transparent, clear and impartial recruitment process.
- § Neutral and fair control to promote and protect competition and private investment.

Perspectives	Strategic Objectives		
<b>Why Regulate?</b>	To ensure transparent, and fair competition in the electricity markets	To prevent monopolies and discrimination	To keep tariffs the closest to real costs
<b>Who should Regulate?</b>	Regulators that are created by legislation (Law or Decree), and their mandates specified by the legislation	Regulators that are independent from other branches or arms of the government and regulated utilities	Regulators with enough financial resources (royalties & taxes), real power, and more skilled staff to carry out duties with effectiveness
<b>How to Regulate?</b>	One model of regulation will not fit all electricity markets	Any model will have to align with the sector structures that vary from country to country	The model of regulation will depend on level of competition, unbundling, and ownership

# SKYLIGHT : BURKINA FASO



## Zagtouli, Komsilga and Kossodo power plants



Mr SEBEGO Ange Hubert, Head of Regulation and Control Department at the Ministry of Energy is Burkina Faso's focal point with AREI;

He said that the Minister of Energy, Mines and Quarries, Simon-Pierre BOUSSIM visited the Zagtouli photovoltaic solar power plant and the Komsilga and Kossodo thermal power plants. In addition to touching

the realities of his workers, it was for him to encourage them for the efforts made during this peak period.

The first stop of this tour was the 33 MWp Zagtouli solar photovoltaic plant, built on 60 ha with an extension project. After discussions with the first officials, the Minister was given a guided tour of some of the facilities. From there, the course was set for Komsilga, a thermal power plant. There, too, Minister Simon-Pierre BOUSSIM was briefed before touring some compartments of this site in a din of noise of the groups that roared.

In Kossodo, it was the same journey and the first head of the energy department was overwhelmed by everything he could see and hear.

"We used to say that water is life. You have shown me that energy is life with exceptional qualities. You are the pride of the Burkinabè on the basis of your skills, your availability and your commitment to work". These are a few words that the minister has written on the guest book of the Kossodo power plant. Going out to, on the one hand, see the installations and touch the efforts of the workers, the minister in charge of energy intends on the other hand, to show them his gratitude and to make the Burkinabè understand the efforts they make. He expressed his satisfaction to have them as collaborators and encouraged them to be more committed "to make energy, a vulgar good accessible to all in Burkina Faso".

# RENEWABLE ENERGY AGENDA 2023

## AGENDA AREI

### 16 – 18 May Cape Town E ENLIT Africa

Virtual May Ø Voting and non-voting TB meeting  
Nairobi Ø AREI Ministerial Meeting (hybrid)  
Ø Technical continental shelf (hybrid):  
Elements of a bankable PPA  
Ø AREI CT Meeting

### 13-16 June Tunis

Ø Continental technical platform (hybrid):  
Energy policy programmes Renewable  
Ø AREI CT Meeting  
Ø Participation in the 19th Annual Global Solutions  
Lab.

### 20-24 June Tangier

Ø Participation in the Med cop Forum of  
Energy

### 1 0-15 July Kinshasa

RegulaE.Fr, Off-grid electrification

## GREEN ENERGIES AGENDA

### Abu Dhabi National Exhibition Center – Adnec 08/05/2023

EXPO BIOMASS Specialized Bioenergy Exhibition in the Iberian  
Peninsula every two years Valladolid

### (Spain) Valladolid Fair 09/05/2023

CIM EUROPE International Trade Fair and Congress for Power  
Electronics, Renewable Energies, Energy Management and Intelligent  
Motion annual

### Nuremberg (Germany)Exhibition Center Nuremberg 09/05/2023

ALL-ENERGY EXHIBITION & CONFERENCER Renewable Energy  
Technologies Exhibition & Annual Conference

### Africa Energy Forum 2023, June 20 - 23, 2016

25th edition of the Africa Energy Forum in Nairobi, Kenya

### Solar Plaza 29/06/2023

SOLARPLAZA SUMMIT FRANCE 2023

### Power and water conference 04-06 July ABUJA

POWER & WATER NIGERIA 2023