2030 - 300GW



Presentation of AREI tools

Countries of the Anglophone group present - 21 December 2022

People online are asked to introduce themselves to facilitate discussion

1 Bostwana - Name/function 2 Egypt - Name/function 3 Eswatini 4 Gambia 5 Kenya 6 Libya 7 Mozambique 8 Namibia 9 Nigeria 10 Sierra Leone 11 Sudan 12 Uganda 13 Zambia 14 Zimbabwe



1 Platform, 5 Tools

A. Internal tools

B. External tools

www.arei.info (Public)
 www.arei-idu.com (Public)
 www.areitv.com (Public)

WWW.AREI.INFO



The AREI INFO website is an innovative and unique platform in the world: it gathers in one place hundreds of renewable energy projects from the same continent, Africa.

With a very powerful search engine, to easily and quickly meet the expectations of politicians and decision-makers.

For Phase 1, the focus was on the technical power of the tool. For Phase 2, we are launching a more ambitious and collaborative device, in which you are invited to take part as co-creators.

Therefore, it is asked to all to connect via this link for a real time monitoring of the training

Elements of the AREI.INFO homepage (1)



The display of the 1st page is as follows at the top:

AGENDAS - INFORMATION AND STRATEGY - IDU - PROJECTS - PARTNERS - AGENDAS AND MEDIA - NEWSLETTER

These are the main groups of presentations that will be declined for a better understanding of the architecture of the website Arei.info.

Just underneath is an interactive drop-down menu, which aims to show all the events related to our field of activity. It can also be used for the different important topics in your area on which you want to involve AREI. However, this banner can only be changed by the IDU administration.

Elements of the AR



WWW.AREI.INFO





Then,

The points and description of the different projects:

This element provides a comprehensive view of the AREI process and an inventory of the project database, and this concerns :

- The number of countries enrolled in the initiative
- The number of projects adopted
- The number of labeled projects
- The number of projects submitted

Just below a window for all monthly or current events

Elements of the AREI.INFO homepage (2)





accelerate, scale up and utilize the continent's enormous renewable energy potential. The initiative focuses on developing integrated solutions to increase access to clean energy

services, improve human well-being and put African countries on a path to sustainable and climatefriendly development.

When the Initiative was launched in 2015, AREI aimed to install 10 GW from renewable energy sources in 2020 (Phase I - Successful) and at least 300 GW in 2030.

This section provides:

- Presentation of AREI
- Shortcuts to the main information

Elements of the AREI.INFO homepage (3)









At this level we find a presentation of the projects by map, by region and by country:

- By selecting a COUNTRY from the list of 54 countries, the map on the left will FOCUS on the selected country.
- If a country's projects are geolocated, they appear on the map.
- All projects related to the country are displayed in the space above the list of countries

Click on a project to access its PROJECT FILE directly on the map An online test will be directly conducted

Elements of the AREI.INFO homepage (4)



AGENDA PRESENTATION Development of green hydrogen in Africa : 15 NOV. 2022 accelerating the energy transition The Role of Renewable Energy for Youth, Women NOV. 2022 and Peace in Africa How renewable energy in Africa support climate 11 NOV. 2022 change and save the planet

10 NOV. 2022

Digitalization of renewable energy



In this part of the site we find :

- Calendar of upcoming AREI events.
- AREI Presentation:

(click on the image to download the documentation in PDF)

Elements of the AREI.INFO homepage (5)

Interactions with l'AREI



Elements of the AREI.INFO homepage (5)



AREI GALLERY



Carnegie Endowment For International Peace









Photo gallery

NEWS & STRATEGY section





- Missions:
 - Description of the different missions of AREI.
- Commitments:
 - Description of AREI and African Multi-Stakeholder Commitments.
- Strategy:

Defines the strategy for AREI 2019 -2020.

- How AREI-IDU works
- **Board of Directors:**
 - The composition of the board and the participants representing the "permanent observers "
- Official AREI documents.

IDU section



HOME INFORMATION & STRA	ATEGY I.D.U. PROJECTS OUR P	ARTNERS AGENDA & MEDIA NEWS	SLETTER
	MISSIONS & GOALS	TEAM IDU	CONTINENT
	ACTION PLAN	PRIVATE SECTOR	AGENDA IDU

- Missions and Objectives of the Independent Unit of implementation.
- Description of how the IDU team works.
- Continent :

Presentation of projects by map, by region, and by country.

Action Plan: Action Plan 2019-2020

PRIVATE sector:

Description of the Regulatory Framework, Incentives and Awareness.

AGENDA IDU

PROJECTS section





Allows you to have a representation of :

- ADOPTED Projects
- LABELLED Projects
- Projects SUBMITTED
- AREI criteria.

-

- The transition from labeling to adoption.
- Access to submit a project.

PARTNERS section



HOME INFORMATION & STRATEGY I.D.U. PROJECTS OUR PARTNERS AGENDA & MEDIA NEWSLETTER



The regional involvement of the Continent in the labelling of as many projects as possible in order to bring them to the Board of Directors for adoption and enable multi and bilateral partners to act, financial partners to get involved and finally the private sector to be able to fully play its role as a dynamic vector.



A representation of all AREI partners

AGENDA & MEDIA section





- AGENDA : Access to all the Agendas
 - AREI EVENTS
 - RENEWABLE ENERGIES
 - AREI IDU
 - CIVIL SOCIETY
- COMMUNICATIONS: This tab will be used to announce all upcoming events
- PRESS: Here, it will be a digest of information on renewable energy around the world
- AREI TV : This section will present a futuristic vision in accordance with the objectives achieved in phase 1 of AREI
- AREI IN PICTURES: This window will allow all our partners to follow in pictures all the activities of the initiative
- PUBLICATIONS: At this level, reports, presentations, and minutes of events will be shared

NEWSLETTER section



HOME INFORMATION & S	TRATEGY I.D.U. PROJECTS OUR PARTNERS AGENDA & MEDIA NEWSLETTER	
NEWSLETTER		Home > NEWSLETTER
	NEWSLETTER	
	Name*	
	E-mail*	
	I agree that my submitted data may be collected and stored.	
	Je ne suis pas un robot reCAPTCHA Confidentialité - Conditions	
	Send Message	

Subscribe to our newsletter to be informed of our news.



Presentation of the Project Database

THE PROJECT FORM (1)





- All the key information about the project can be found in the project sheet.
- On the left, all background information
- On the right, the type of project (in yellow), the status of the project (in purple), the regions, countries and technologies involved (in green)

THE PROJECT FORM (2)





ACCUEIL A PROPOS I.D.U. PROJETS PARTENAIRES NEWS HIMEDIAS NEWSLETTER



The project consists of the construction of the Muzzi hydro power plant (45 M/I) in western Uganda with the objective to improve the electricity supply of the growing economy (industines, large and small businesses) and the households of Uganda with code-freet and evintrometantly freedly energy than bydro power. The provide electricity also during Muzzi with the developed as a run-et-new power plant with additional passing capacity to provide electricity also during day peak demand. The project inclusies all construction measures, environmental and social intigation measures as well as upport services to support.

🖪 Résultats attendu

Energy demand in Uganda has continuously increased from 2010 to 2015 and the Overnment has embanked on a power sector reform program. Despite the implementation of these reforms, the country continues to experience power supply stortages, low rates of access to electroly and high levels of power losses in the distribution grid, which negatively impacts on the country's economic growth. As demand is constantly insing, new generation capacity meeks to the added to the grid urgently and constantly over the next decade. The project will contribute to a

Monitoring et Reporting





TO THE LEFT

- Description of the project
- Additional information in the form of "accordion" content boxes
- Depending on the project, there will be details of all the criteria, or just some general information on the expected impacts.

TO THE RIGHT

- Project category
- Project status
- Country(ies) concerned
- Type(s) of energy involved
- Other information ("tags")
- Map with geolocation i applicable

THE SEARCH FOR A PROJECT



PROJECTS ADOPTED enter a keywoi Pays Region ADOPTED Technology SEARCH А **3 PROJECTS** Dorsale Nord "North Core ridge - 330 kV Nigeria - Niger -Burkina Faso - Benin ADOPTED MORE INFOS line project" Interconnexion électrique Dorsale Nord - Dispatching ADOPTED MORE INFOS Projet de transport d'électricité PASSEN ADOPTED MORE INFOS

RESEARCH BY :

- Free search by Keyword.
- Country
- Category
- Technology

The projects corresponding to the selected filters are displayed with a link to their project file.

SUBMIT A PROJECT (1)



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HOME INFORMATION & STRATEGY I.D.U. PROJECTS OUR PARTNERS AGENDA & MEDIA NEWSLETTER

PUBLISH A PROJECT

ONG & PRIVATE SECTOR

Chose the project category for which you want to publish a project

A - GRID INFRASTRUCTURE (TRANSMISSI AND DISTRIBUTION) PROJECT

B - POWER GENERATION AND ENERGY EFFICIENCY PROJECT

INSTITUTIONNAL

Please access your private area to publish a enw project and manage existing projects

INTRANET ACCESS

INSTITUTIONAL REPRESENTATIVES

- Access reserved to representatives to whom AREI has assigned a login and password

- Access to the intranet with identifiers
- Immediate test

SUBMIT A PROJECT (2)



FR ENG f У in 🞯 🛅





HOME INFORMATION & STRATEGY I.D.U. PROJECTS OUR PARTNERS AGENDA & MEDIA NEWSLETTER

PUBLISH A PROJECT



GENERAL PUBLIC: NGOS & PRIVATE SECTOR

Free access to the project submission form

- Submission of 2 types of projects: renewable energy projects. infrastructure project.



SUBMIT A PROJECT (3)

Name of the project

Country

Your Name

Your Phone Project category Estimated budget Capacity in MW Short Description

Your profile (NGO, company...)





Presentation of the intranet

FOCAL POINTS

- Access to the intranet with identifiers
- Part 1: Overall presentation of the project
- Part 2 : detailed presentation of the project criteria by criteria

Access to the intranet with identifiers

Africa Renewable Energy Initi>* Username:	
trois@poptrafic.com	
Password:	
Login	

Welcome screen



Once you have logged in with your login and password, you will be taken to the Intranet home page.

In the center is the summary

At any time you can access the different sections of the summary via the left menu

Publish a project (1)

INTRANET	≣				× €
 Your Profile Projects type A 		PROJECTS B			
Projects type B		# Home > PROJECTS B			
Projects type C		PUBLISH A NEW POST			
Projects type D					
Projects type E				STATS	
Projects type F		TRATRAMBOLO	20/12/2022		OFF
Send a post					
Your posts					
Send a video					
Your videos					
			DATE STATS STATUT 20/12/2022 OFF		

- Click on "Type A Projects" or "Type B Projects" etc. depending on the type of project
- A "PUBLISH NEW ELEMENT" button is displayed
- Click on it to access the project submission form

Publish a project (2)

NTRANET Your Profile Projects type A Projects type A Projects type A Projects type B Projects type B Projects type C Projects type C Projects type C Projects type C Projects type E						
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	Projects type F					
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	Your posts	<				

If you have already submitted one or more projects of a certain type (example here: type A), these projects appear in a list below the publish button

Publish a project (3)

PROJECTSA

Back

# Home > PROJECTS A		CI CNACNIT!
Picture	Choisir un fichier Aucun fichier choisi	ELEMENT A basic for
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STATUS		the projec
Your Name		Validate a
Your profile (NGO, company)		on the BL
Your Phone		on the bet
Country		
Project category		
Estimated budget	euros (entrer uniquement des chiffres)	
Capacity in MW		
Short Description		
Expected outcomes/achievements		
Monitoring and Reporting		
Votre email		
	Save	

- When you have clicked on the "PUBLISH NEW • " button
- rm is displayed (see screen opposite)
- you to provide general information about ct
- It the bottom of the form by clicking
- UE button

PROJECTS A

W Home > PROJECTS A		
Picture	Add or replace the picture:	
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Name of the project	test	CSP
STATUS		Energy storage and/or grid technologies Energy transmission and distribution (incl. smart grids and mini-gr
Your Name	test	Geothermal Hydrogen
Your profile (NGO, company)	test	Hydropowar Marine
Your Phone	55555	Other Solar PV
Country	AFRIQUE	Solar Thermal Wind
Project category	0000	AJOUTER
Estimated budget	5555555 euros (entrer uniquement des chiffres)	
Capacity in MW	56	// AREAS
Short Description	B tours B D B B B B A A B B B A A B B B A A B B B A A B B B A A B B B A A B B B A A B B A A B B A A B B A A B B A B B B A B B A B B A B B A B B A B B B A B B A B A B A B A B A B A B A B A B A B A B A B A B A A B A A B A B A B A A B A <	Control Arkas Esta Arkas Esta Arkas Southen Arkas Southen Arkas Southen Arkas Bouthen Arkas COUNTRIES COUNTRIES Estatorial Guines Agents Agents Borin Botasnas Borin Botasnas Burinte Faso
Expected outcomes/achievements	TEST	Gameroon Central African Republic
Monitoring and Reporting	TEST	Chad Comoros
Votre email	TEST	Congo Republic Côte d'Ivoire
	VALDER	Colle d'hoire Dibouti DE Congo Egypt
Access to Renewable Energy		Eritrea
ferror of even to even		Eswatini

Complete the project (1)

- Once the general form has been validated, a page opens in which you
- will find the first information entered on the project, with the possibility
- of modifying it if you have made a mistake, and you will also have access
- to additional forms concerning the different aspects of the project
- (social impact, economic impact, etc.)
- Right column: specify the technologies, countries and regions concerned
- by this project

Access to Renewable Energy

Improved access to energy

Ability to reach those who need it most

Balancing the benefits of women and men

champ9 (Allow only numbers)

VALIDER

Climatic changes

Direct mitigation potential from policy implementation

Indirect attenuation potential

Benefits in terms of adaptation

VALIDE

Business Plan and Implementation Strategies

Clearly defined short and medium term objectives

Complete the project (2)

- Complete each specialized form, and validate by clicking on the BLUE button at the bottom of each one
- See examples opposite

Access to Renewable Energy		A CRUP BARCERS-0.04.080E
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Business Plan and Implementation Strategies		
Clearly defined short and medium term objectives		
Cleany defined short and medium term objectives		

Business

Complete the project (3)

Complete the various specialized forms on the large \succ left-hand column.



TECHNOLOGY

biomass
CSP
Energy efficient appliances
Energy storage and/or grid technologies
Energy transmission and distribution (incl. smart grids and
-grids)
Geothermal
Hydrogen
Hydropower
Marine
Other
Solar PV
Solar Thermal
Nind
DUTER

AREAS

Central Africa
East Africa
North Africa
Southern Africa
West Africa
JOUTER

COUNTRIES

Equatorial Guinea
Algeria
Angola
Benin
Botswana
Burkina Faso
Burundi

Complete the project (4)

- Then check in the right column the different • information that correspond to the current project: types of technologies, region of Africa, country, ...
- Simply check the box or boxes concerned, then validate by clicking on the CONFIRM button below each list

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Modify a project

You want to modify a project? Click on the project type in the left-hand menu, then on the name of the project concerned You access the project management page

IMPORTANT: when a project is modified, the site administrator receives an email alert. Moreover, the project is automatically deactivated on the public part of the site, while the administrator checks the new information and revalidates the publication of the project.

NTRANET

Projects type C

Projects type D Projects type E

Projects type F

Send a post

Your posts

Send a video

Your videos Who's Who

Contact-us

Reporting

Log Out

FR

Choisir un fichier Aucun fichier choisi Name

Official Title

Add or replace the picture:

Institution

Role

Picture Poids maxi: 500 Ko

Phone

Pays

Region

Biographie

Edit your profile

- In your intranet, you have the possibility to modify your . profile sheet, the one that appears on the site www.arei-idu.com
- The operation is the same as for a project, but with a single form and much simpler: name, photo, function, biography...

NTRANET	
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	Projets de type B	<					
	Projets de type C	< F	photo	Choisir un fichier Aucun fichier choisi			
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Publish a video

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- In your intranet, you have the possibility to publish videos on the site <u>www.areitv.com</u>
- The operation is the same as for a project, but with a single form and much simpler: name, date, description and code "share" of the video

NB: videos must be visible on Youtube or Dailymotion to get this code. But once on the site, visitors will stay on <u>www.areitv.com</u> to view the videos

Votre Profil		DES ACTUALITES					
Projets de type A	PARTENA	PARTENAIRES ACTUALITES					
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Projets de type D	< Jour	24	~				
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Projets de type F	< ANNEE	2022					
Envoyer une actualité	< Titre						
Vos actualités	< Texte						
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Reporting	< 1						
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	© Poptrafic.						

Publish a news item

- In your intranet, you also have the possibility of transmitting news
- The operation is the same as for a project, but with a single form and much simpler: title of the article, date, photo, text...
- **IMPORTANT**: when a news item is published, the site administrator receives an email alert. He must validate the article so that it appears on the site.

<u>INTRANET</u>	≡				Membre Trois 🗸 🕤
Votre Profil					
Deposer un projet A		MESSAGERIE			
Projets de type A		Home > MESSAGERIE			
Déposer un projet B					
Projets de type B		CONTACTEZ-NOUS	/ESSAGES		
Publier une actualité		Objet : *			
Contactez-nous		Telephone: *	lan ana ana an		
Deconnexion		Email: * Message : *	trois@poptrafic.com		
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Contact the site administrator (IDU)

- A logged-in member can also send a message to the site administrator if they have a specific question
- He has access to the history of his previous messages

WWW.AREI-IDU.COM



THE TEAM FOCAL POINTS & CT CIVIL SOCIETY WHO'S WHO AGENDA IDU DOCUMENTATION IDU ABOUT AREI



The Independent Delivery Unit will be accountable to the Executive Board and will be responsible for coordinating the various activities undertaken in all areas of work aimed at strengthening African strategic frameworks and attracting funding for renewable energy projects. The IDU will also be responsible for coordinating communication and dissemination activities with African and international stakeholders.



The AREI IDU website is your tool, the one where you will find your profile and that of the other focal points, IDU team members, etc.

It is a tool made available to you, which should facilitate working in synergy despite the physical distance.

Beyond this workspace, AREI IDU aims to become the reference site for renewable energy actors in Africa.

WWW.AREITV.COM





ACCUEIL | ENERGIES RENOUVELABLES TV | AREI TV | A PROPOS DE L'AREI

La 1ère TV du web spécialisée sur les énergies renouvelables en Afrique



Découvrez les dernières vidéos de l'Africa Renewable Energy Initiative (AREI) et suivez l'actualité du développement des énergies renouvelables en Afrique au travers de la progression des activités de l'AREI. The AREI TV website aims to become the 1st web television dedicated to renewable energies in Africa.

You will find selections of videos on the news & innovation of renewable energy in Africa. As well as the latest AREI corporate videos

And above all, you have the possibility to contribute and actively enrich this web TV.

More info on <u>https://www.arei.info</u>



African Renewable Energy Initiative

Thank you for your attention