



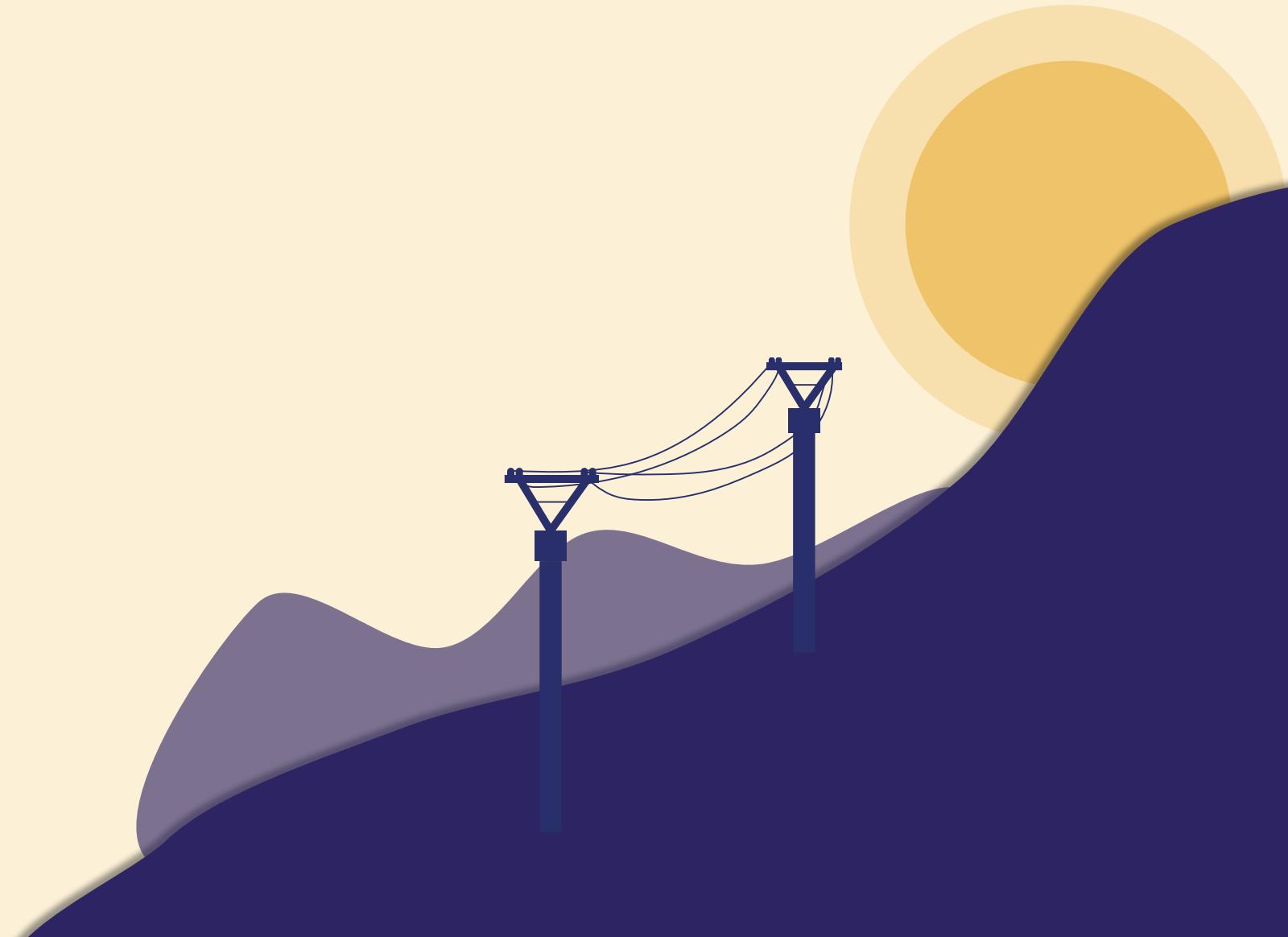
Digital Energy Program

Accelerate energy transformation in Africa through digital innovation

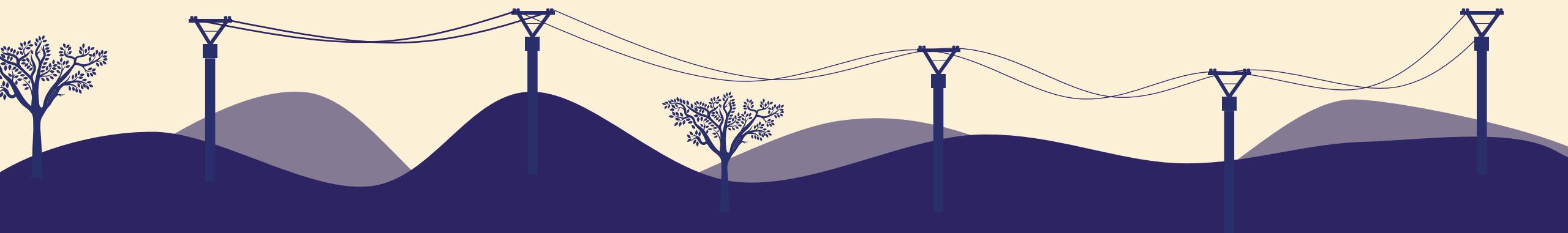


SUMMARY

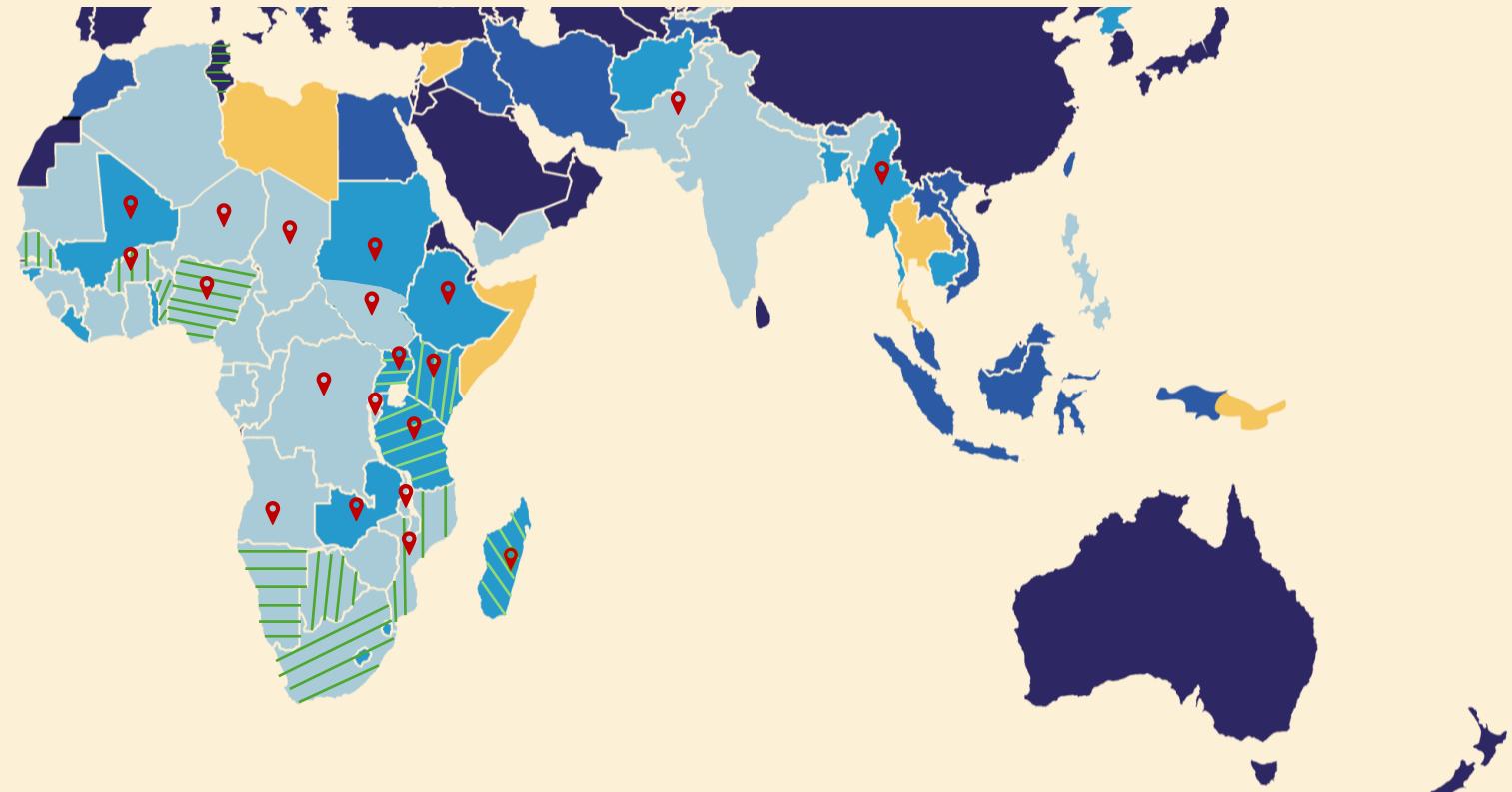
- 1 Context in which the program is set
- 2 Digital Energy, in brief
- 3 New direction: Digital Partnership
- 4 Making AI a key lever of energy innovation



Context in which the program is set



Africa: epicenter of the global electricity access deficit



Not applicable

Universal access achieved between 2010 and 2022



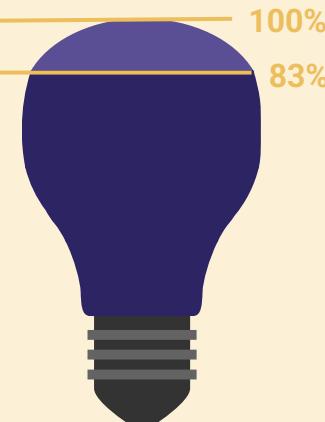
The 20 main countries with access deficits

Countries benefiting from projects funded by Digital Energy

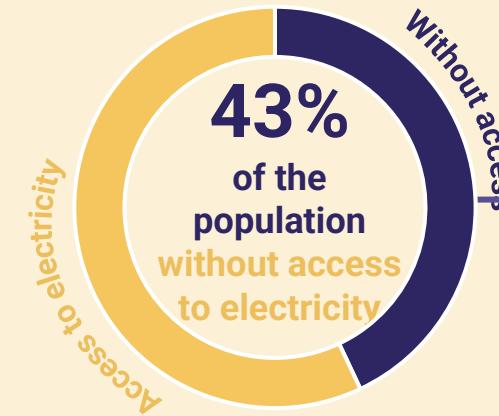
Universal access to electricity in Africa: time to act, and fast !

Global electricity access deficit
Sub-Saharan Africa

83 % of the global
electricity deficit is in
Sub-Saharan Africa

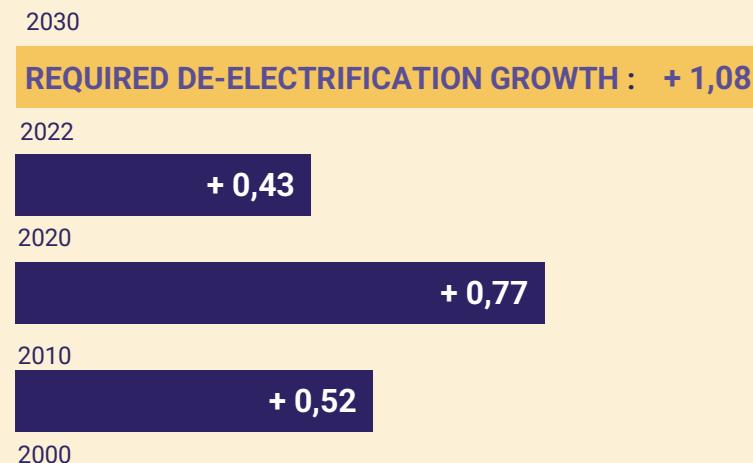


In sub-Saharan Africa:



675 million
people without
electricity

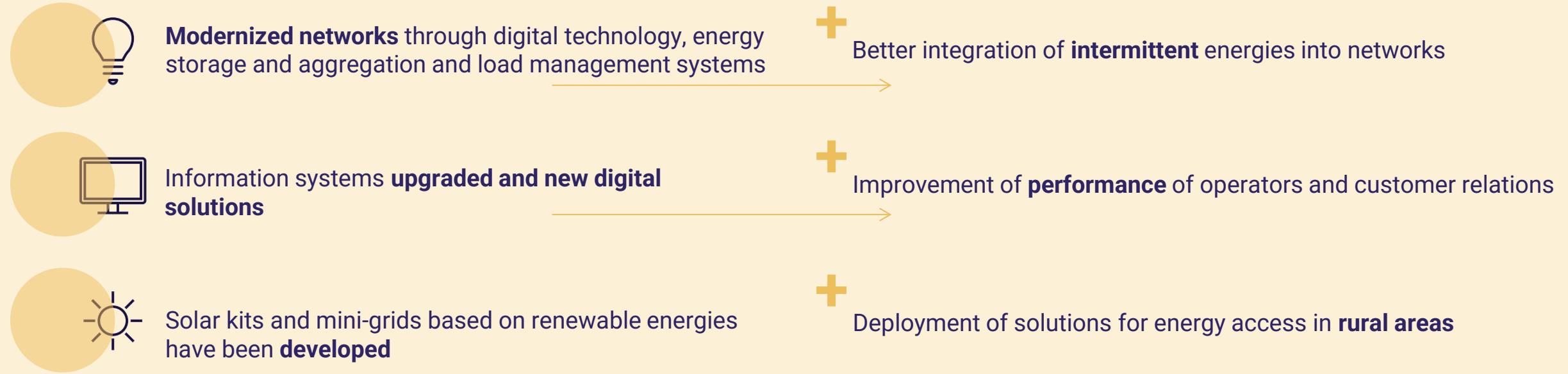
Universal access:
the urgency to
accelerate electrification of Africa



FOR
UNIVERSAL
ACCESS TO
ELECTRICITY
BY 2030

Changing the game with innovative digital solutions

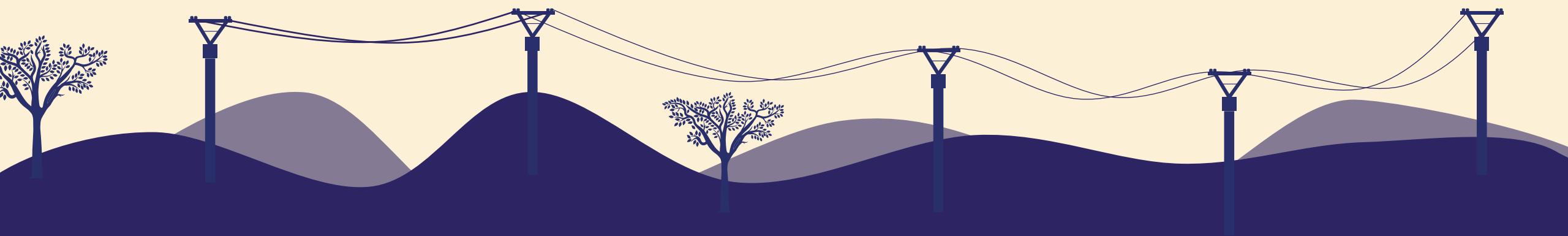
Energy transition: concrete innovation levers to activate now



Some examples of improvement levers for public electricity stakeholders

Software for optimal use of mini-grids	Remote maintenance Geospatial data analysis	Customer relationship management Data analysis	Smart meters & controllers IoT integration	Loss reduction Digital platforms
Supply-demand management	Optimized network mapping	Cloud computing		

The Digital Energy program, in brief



Digital Energy: a dedicated program to catalyze Africa's energy transition through digital innovation

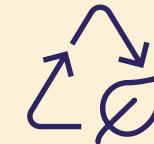
Our mission: support public-private collaborations and promote innovation for:



Accelerate
access to energy



Improve operational
efficiency of stakeholders



Reduce dependence on
fossil fuels

A co-financed program at the heart of major initiatives co-financé au cœur d'initiatives d'envergure

Serve the ambition of Mission 300

- A flagship program of the AFD Group in support of **Mission 300** aimed at electrifying 300 million people in Africa by 2030.
- Partnership with [SEforAll](#)

Supported by:



- Part of the [Digital & Green Innovation Action](#)

From 2019 to 2025: 2 complementary action levers

1 Catalyze public/private partnerships to digitize energy operators

Our target: Public electricity operators

Our priority : Strengthen their capacity to integrate digital innovation into their operations and co-develop concrete solutions with the private sector.

Our scope of action

- Creation of tailor-made partnerships within a secure institutional framework
- Financing of innovative projects in connection with technology providers up to 500,000 euros
- Project visibility & networking

2 Finance and support start-ups that innovate for energy access

Our target: Start-ups and innovative companies

Our priority: Support local digital solutions that sustainably transform energy access in Africa.

Our scope of action

- Financing of innovative solutions up to 150,000 €
- Technical and strategic support for solution deployment
- Project visibility & networking

Our added value : accelerate high-impact projects

Achievements since 2019

6.5 M€

allocated to projects

39

projects funded

+ 15

beneficiary countries

10

projects completed

Words from the Digital Energy Challenge winners

They are transforming energy access Discover their project:



Cartographie du réseau et détection des coupures

Meilleure continuité de service

Project



Automatisation des mini-réseaux en zone rurale

Gain d'efficacité & réduction des coûts logistiques grâce à la digitalisation

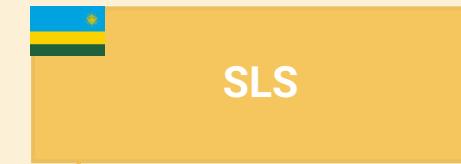
Interview



Plateforme IoT pour connecter appareils et mini-réseaux

Accès facilité aux équipements énergétiques et renforcement de la demande électrique

Interview



Stockage d'énergie pour tours télécom via batteries réutilisées

Solution IoT cloud pour optimiser la seconde vie des batteries

Interview



Focus on the Digital Energy Community: 400 members committed to transforming energy in Africa

By joining the Digital Energy community, you get access to:

400 members **39 projects carried**
4 bootcamps

Exchange of practices & knowledge
 Create spaces for dialogue and experience feedback between peers to promote learning.



19 countries impacted

Understanding local needs
 Better grasp field realities, operators' priorities, and intervention contexts to adapt innovations.



Communauté
Digital Energy
Plateforme



Qualified network of actors united around the same ambition

Meet public actors, start-ups, donors, experts engaged in the digital transformation of energy.

1 collaborative digital platform
1 LinkedIn exchange group



Unprecedented resources
 Access tools, studies, benchmarks, and exclusive content to support project development.

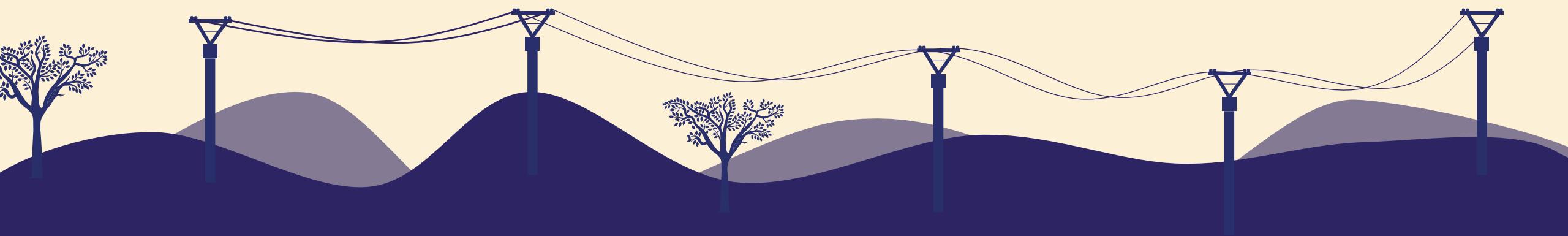
100 available resources
2 collaborative studies
1 bimonthly newsletter



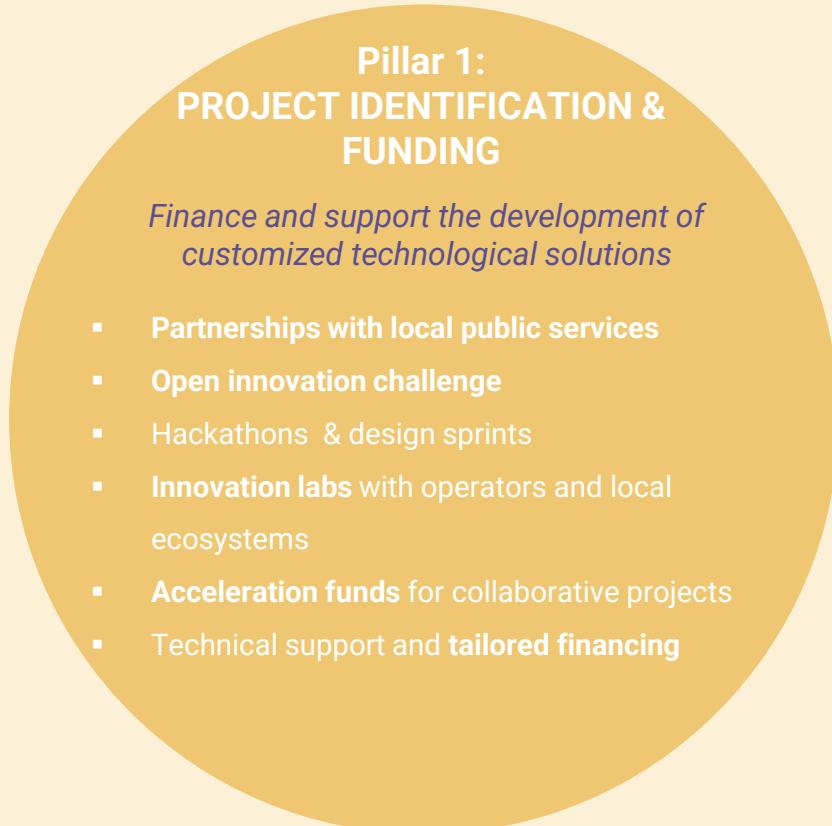
Meetings at dedicated events
 Participate in meetings to exchange, create synergies, build skills, and collaborate.

12 webinars
Physical events

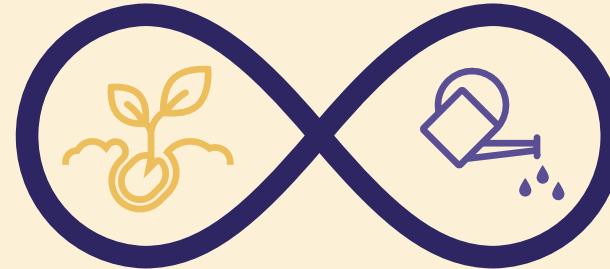
New course: the Digital Partnership



From 2026: a focus on Digital Partnership



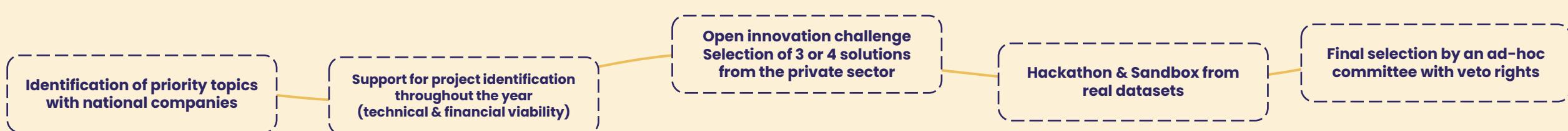
Digital Partnership



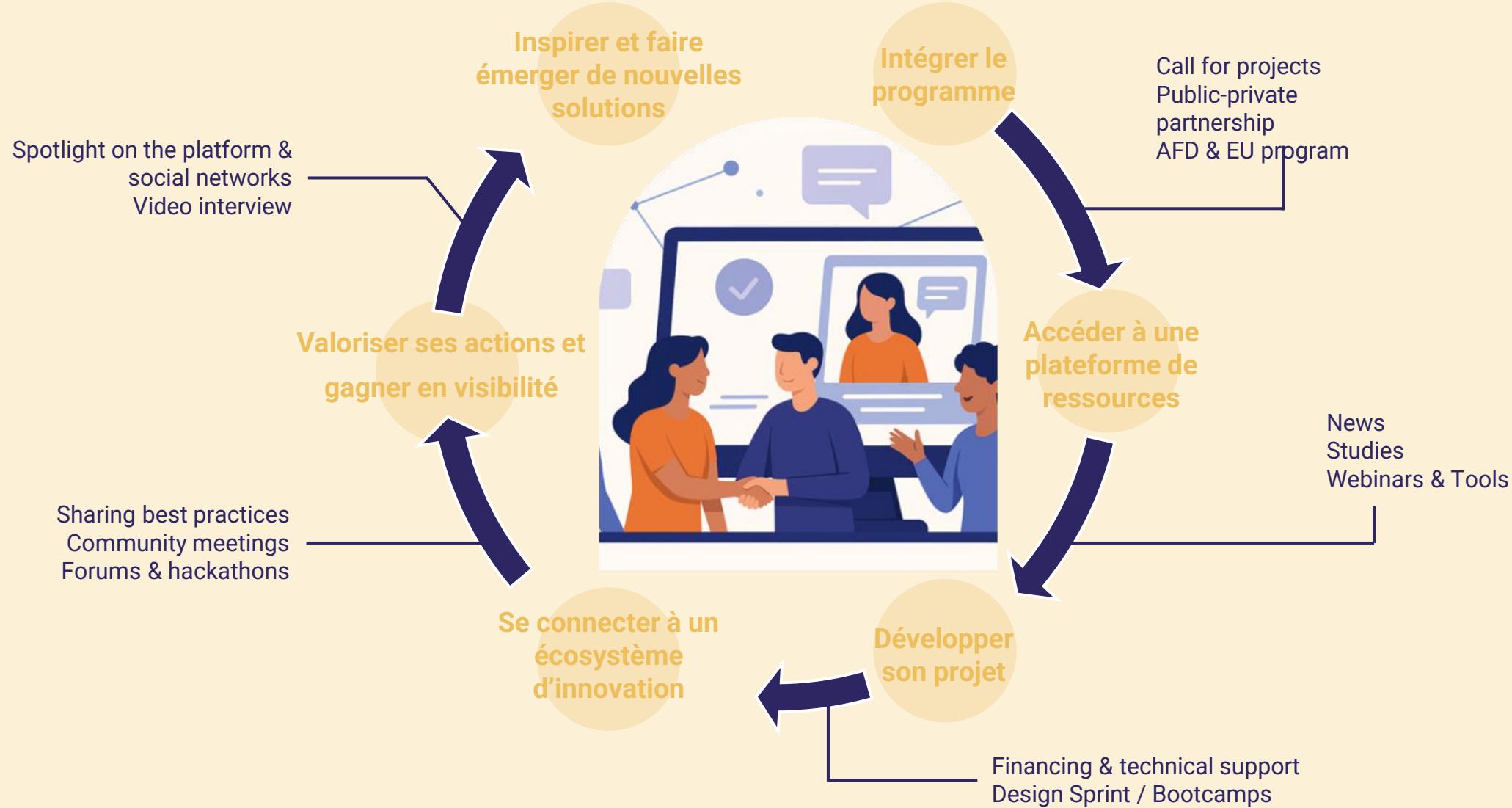
Create fertile ground for innovation between committed local public actors for universal access and private companies offering innovative solutions.



The Digital Energy Challenge: how does it work in practice?



A virtuous ecosystem at the service of digital innovation



Digital Energy

For all information:

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