



## ECOWAS SUSTAINABLE ENERGY FORUM ESEF 2024

Towards a Just Energy Transition in West Africa

# Nexus Energy Water Food – Private Sector

Parc des Expositions - Abidjan, Côte d'Ivoire  
November 28 - 29, 2024

[www.ecreee.org](http://www.ecreee.org)

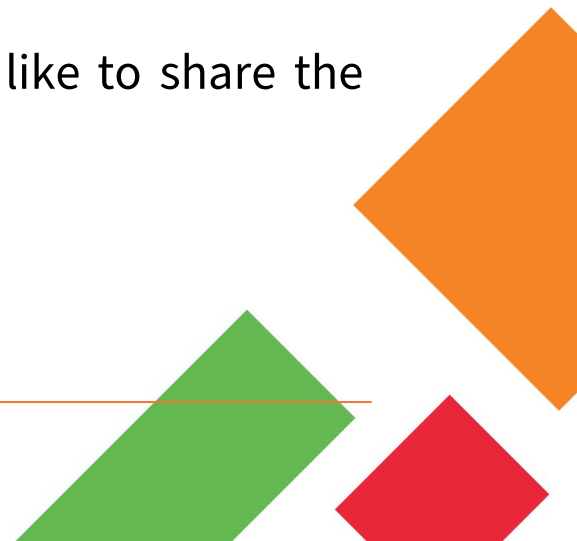


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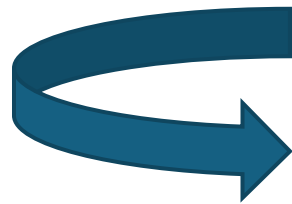
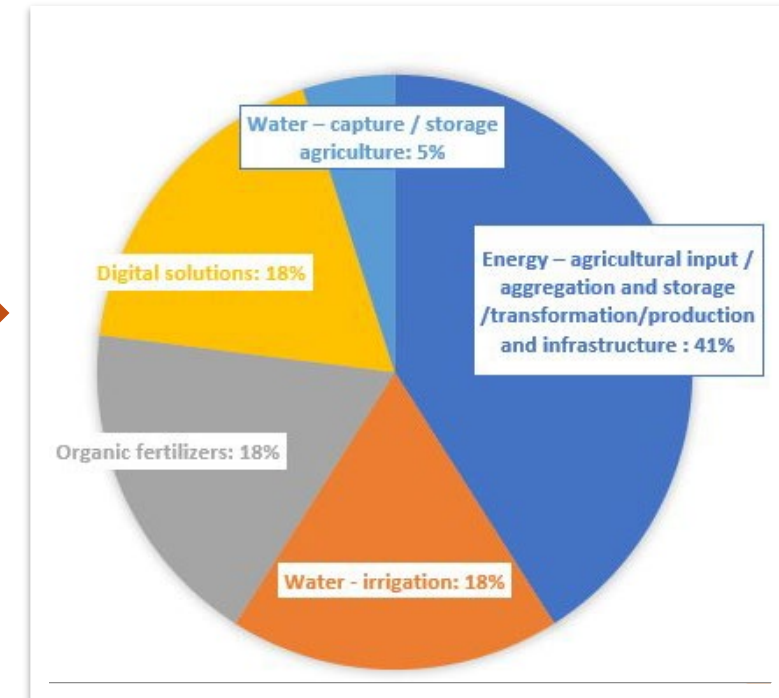
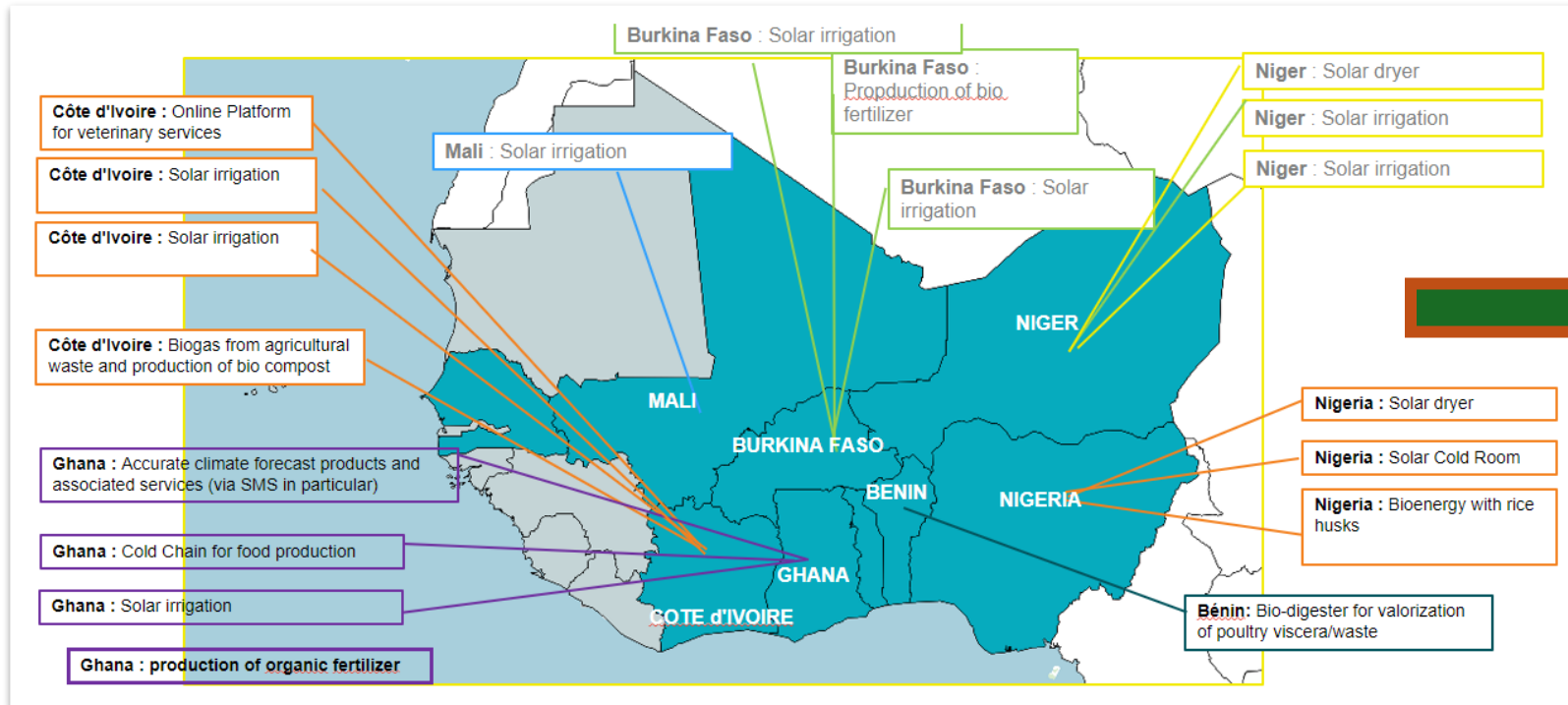
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## Background

- WE4F's mission has been to expand the sustainable scale of small and growing enterprises (SGEs) that impact the sectors of food and water, food and energy, or all three sectors at the nexus (food, water, energy), looking to achieve the following impacts using a bottom up approach:
  - Increase in food production through a more sustainable and efficient usage of water and/ or energy
  - Increase in income for women and men in both rural and urban areas
  - The scaling of new solutions of the innovators to challenges in the WE4F nexus
  - Customers in the market are buying the newly developed products or services of the innovators
  - Increase investments into enterprises at the WE4F nexus
- WE4F's has supported 22 companies in West Africa and is now closing and would like to share the lessons learned and expectations from the private sector



# WE4F – Type of projects supported



# WE4F Results and impacts



## Impacts and Results of technical assistance

# of Companies having increased their Revenue by :

- 0 – 50 % ==> **6**
  - 50 - 100 % ==> **7**
  - 0 – 50 % ==> **6**
- 19**



**94** Jobs created



**\$890, 000**

Mobilized in investment



Loans for about **2,5 M USD** in the waiting in 2024

WE4F Impact	LOP Target (2020-2025)	Results to Date	Current Status
 % of innovators that successfully marketed their innovation	2	7	500%
 # of innovation end-users	600 000	961 516	160%
 # of tons of food produced	57 700	144 139	250 %
 # of tons of food processed	170 000	65 766	39%

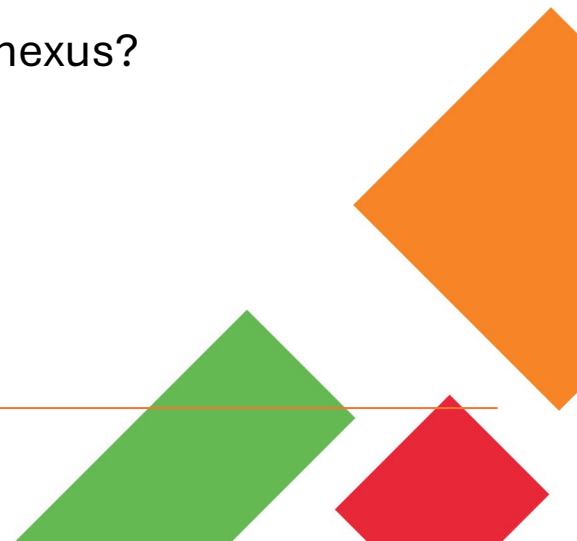


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## Session Overarching Questions/Objectives:

- The Nexus approach is now widespread / mainstreamed in various sectors using different names (e.g., “circular economy”; integrated approaches; PURE), how to make it an asset for access to finance?
- How can SMEs get additional financing through debt, equity, development impact bonds and end-user financing schemes to scale to the level needed to significantly reduce the impacts of climate change and to make food systems more climate resilient?
- What are the needs of the private companies to develop innovations that serve the nexus?
- How to increase an SME’s technical capacity through technical assistance?
- How do SMEs in the region can benefit from regional projects?
- How to foster collaboration across the private sector?





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**Welcome and Introduction by the Moderator (5 minutes)**

**Short presentation of the panelists by the Moderator (who is here?) (5 minutes)**

**Short Presentations / Inputs of each panelist ( 40 minutes in total)**

- Panelist 1: 10 minutes
- Panelist 2: 10 minutes
- Panelist 3: 10 minutes
- Panelist 4: 10 minutes

**Short summary of the presentations by the Moderator and opening floor for discussion (5 minutes)**

**Moderation of interactive exchange between the panelists and the audience (20 minutes)**

**Closing & Thanking the panelists and the audience for their interest (5 minutes)**

Session is  
foreseen  
for about 1  
or 1:15  
hour



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- **Moderator:** Ibrahim TOGOLA,  
Chairman and Co-Founder Chairman and Co-Founder ACCESS

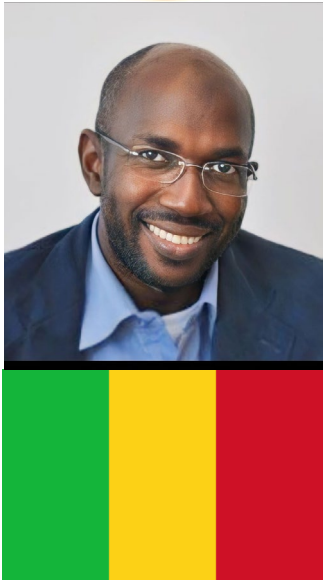
## Panelists :

- Appessika Adanin Laurent, Green Agro Valley (Côte d'Ivoire) / SPIS
- Terence USIBE, Cold Hubs (Nigeria) / Solar cold rooms
- Marcellin Drabo, AES (Burkina Faso) /SPIS
- Eugene Osomobegbe, Osomobegbe Global Venures (OGV) (Nigeria) /solar drying



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## .Dr. IBRAHIM TOGOLA



Dr. Ibrahim Togola, Knight of the National Order of Mali and recipient of the prestigious Einstein SolarWorld Award, is a pioneer in renewable energy and sustainable development in Africa.

As CEO of ACCESS SA, he led the development of 23 hybrid mini-grid projects for rural electrification, transforming communities through green energy.

Co-founder of Mali Folkecenter Nyetaa, Dr. Togola has empowered rural populations with renewable energy solutions and environmental protection initiatives.

With a Ph.D. in renewable energy and leadership roles in global and regional energy associations, he collaborates with institutions like the ECREEE, EU, World Bank, IRENA, ADFD, WWEA, REN21 and UNDP to enhance access to modern energy services across Africa.





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## KOFFI APPESSIKA Laurent

Koffi Appessika Laurent is the manager of Green Agro Valley CI, a company specializing in irrigation solutions and solar pumping in Côte d'Ivoire. Koffi holds a degree in mechanical engineering and industrial automation. His leadership and commitment to sustainable development seek to positively impact agricultural communities in West Africa.

GreenAgro Valley offers sustainable and affordable irrigation systems, to enhance the agricultural productivity of smallholders while strengthening their resilience to climate challenges.



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## Ovie Usibe Terrence

Ovie is currently the Chief Financial Officer/GM of Coldhubs Limited, an agritech company in Nigeria with years of experience in agribusiness mgt and finance management.

ColdHubs offers a “plug and play” modular, solar-powered walk-in cold room for 24/7 off-grid storage and preservation of perishable foods. It adequately addresses the problem of post-harvest losses of fruits, vegetables, and other perishable food.

ColdHubs offers farmers a flexible pay-as-you-store subscription model. Farmers pay a daily flat fee for each crate of food they store.



# Nexus Energy - Water - Food and Circular Economy



## DRABO Marcellin

Co-founder, Managing Director of AFRICA Energy Solaire (AES-Sarl), Marcellin is an experienced entrepreneur and manager in the renewable energy sector, specializing in the supply and application of solar photovoltaic solutions for the benefit of low-income small agricultural producers in Burkina Faso and the sub-region.

AES specializes in the installation of solar equipment in rural areas. Their innovative solution ensures effective water management while increasing the availability of water throughout all seasons.

Thanks to a pay-as-you-go scheme, low-income small-holder farmers are able to access irrigation solutions, increase their production and improve their livelihoods.



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## OSOMOBEGBE Eugene

Eugene is the CEO of OGV Limited (a solar drying and food processing company in Nigeria). He has over 9 years experience in the agricultural and renewable energy sector.

Eugene holds a B.Eng in Mechanical Engineering as well as other certifications and awards from various prestigious Business hubs and training organization both locally and internationally.

Osomobegbe Global Ventures is a company that offers drying services to rural and urban farmers who are into farming of perishable vegetables, and also provides solar PV lighting services to these communities.