



# ECOWAS SUSTAINABLE ENERGY FORUM ESEF 2024

Towards a Just Energy Transition in West Africa

## SPECIAL E-MOBILITY SESSION

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

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



# SPECIAL E-MOBILITY SESSION

## Background

Electric mobility is emerging as a transformative solution for modernizing transport systems and reducing the environmental footprint of the transport sector in West Africa. This special session will highlight the progress and initiatives made in some countries of the ECOWAS region, highlighting how these efforts are paving the way for the adoption of e-mobility solutions that address both urban and rural mobility challenges.

Through policy frameworks, infrastructure development, and regional cooperation, West Africa is positioning itself to take advantage of the opportunities that e-mobility offers, including reducing carbon emissions, improving air quality, and fostering economic growth.

This session will showcase the e-mobility efforts in some Member States, highlighting their journey toward adopting electric transportation technologies. The discussion will emphasize the progress, opportunities, and challenges of expanding e-mobility across the region and the role it plays in achieving regional transport and environmental goals.



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## Objectives/Overarching questions:

Mainly the discussion will be focused on:

- ❑ Showcase the progress made by Cabo Verde and other countries in implementing e-mobility solutions, sharing key milestones and lessons learned.
- ❑ Discuss policy frameworks and regulatory measures that have enabled successful e-mobility adoption in these countries.
- ❑ Identify challenges and opportunities for expanding e-mobility across West Africa, with a focus on infrastructure development, financing, and public-private partnerships.
- ❑ How can e-mobility support national and regional efforts to reduce transport-related emissions and improve urban transportation systems?



# **SPECIAL E-MOBILITY SESSION**

**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 ( 30 minutes in total)**

- Panelist 1: 5 minutes
- Panelist 2: 5 minutes
- Panelist 3: 5 minutes
- Panelist 4: 5 minutes

Session is  
foreseen  
for about 1  
or 1:15 hour

**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 (15 minutes)**

**Closing & Thanking the panelists and the audience for their interest**

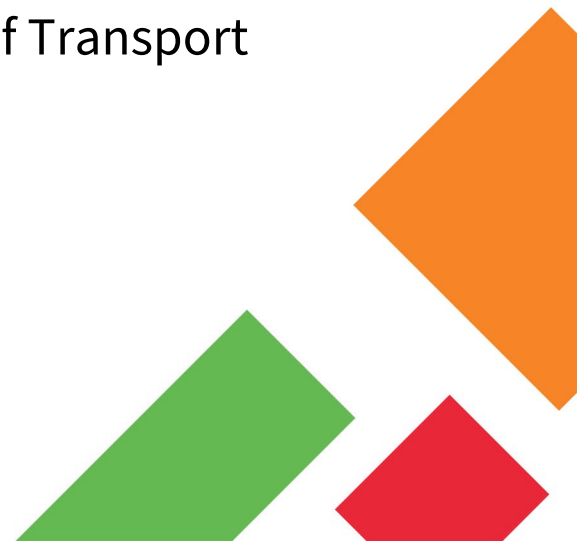


# SPECIAL E-MOBILITY SESSION

**Moderator:** Dr. Mawufemo Modjinou– Principal Program Officer for Energy Efficiency

## Panelists:

- **Mrs. Esther Dagri** – Co-founder of EV. Tech and Deputy Managing Director
- **Mr. Randi Cardoso Graça** – Technical Director, TECV
- **Mr. Léo Pagnac** – Project Manager , GIZ ProMEC
- **Mr. Idrissa Coulibaly** – Deputy Director of Project Planning and Programming in the Department of Planning, Statistics, Projects and Forecasting at the Ministry of Transport



# SPECIAL E-MOBILITY SESSION

## Mawufemo Modjinou



Dr. Mawufemo Modjinou is a distinguished expert in renewable energy and energy efficiency, currently serving as the Head of Energy Efficiency at the ECOWAS Centre for Renewable Energy and Energy Efficiency (ECREEE). He holds a Doctorate in Power Engineering and a Master's in Renewable Energy Technologies, bringing over 17 years of experience to his role.

Before rejoining ECREEE, Dr. Modjinou was a Project Coordinator at the West African Power Pool (WAPP) Secretariat from 2019 to 2024. In this capacity, he managed and coordinated power generation and transmission projects integral to the 2019-2033 Master Plan. His responsibilities included mobilizing funding, organizing donor coordination meetings, and leading pre-investment studies for regional solar power projects in countries such as Gambia, Ghana, and Benin.

Dr. Modjinou's earlier tenure with ECREEE, from 2017 to 2019, involved developing a regional certification scheme and quality infrastructure for sustainable energy skills. He also contributed to academia as a lecturer at the University of Energy and Natural Resources between 2013 and 2015, focusing on renewable energy and energy efficiency for bachelor's students. His professional journey includes roles with the Energy Commission and various power utilities, where he served as an Inspector and participated in multiple energy efficiency and renewable energy projects from 2008 to 2013.

Dr. Modjinou's extensive experience in energy efficiency and renewable energy and academic background underscore his commitment to advancing renewable energy and energy efficiency initiatives across the West African region.





## SPECIAL E-MOBILITY SESSION



### Esther Dagri

Esther Dagri, co-founder of EV. Tech and Deputy Managing Director in charge of public and institutional relations, is actively involved in promoting electromobility solutions in Côte d'Ivoire and West Africa. A member of the board of APEME CI (Professional Association for the Promotion of the Electric Mobility Ecosystem in Côte d'Ivoire) and an alumni of the HEC Paris Challenge Plus Afrique programme, she has made a strategic transition from culture and audiovisual to recharging infrastructure. Her aim is to accelerate the adoption of green energy in the region. Passionate about innovation and sustainable development, Esther encourages the training of young people in this promising sector, which is a source of job creation and sustainable transformation for the future of the continent.



## SPECIAL E-MOBILITY SESSION



### Randi Cardoso Graça

Born in São Vicente, Cape Verde, Randi Cardoso Graça is 29 years old with bachelor's in mechanical engineer and master's degree in industrial engineering from the Polytechnic Institute of Bragança, Portugal. He returned to Cape Verde in 2019, where he founded the first online store for food products on Sal Island. With experience in entrepreneurship, engineering, renewable energy, innovation and technology, he was hired in 2021 by the Águas de Ponta Preta group to lead electric mobility projects. This initiative led to the creation of Trações Elétricas de Cabo Verde (TECV), a subsidiary from APP that won the public concession to install 40 electric vehicle charging stations across the country. Randi also contributed to the development of the digital electric vehicle's charging platform with other partners, facilitating the charge of electric vehicles and promoting sustainable mobility in his country.





## SPECIAL E-MOBILITY SESSION



### Léo Pagnac

Currently serving as Project Director for the German Cooperation in Transport Projects in West Africa, Léo Pagnac is a strategic advisor with over 15 years of experience consulting governments and corporations across Europe, Latin America, and Africa. Based in Cabo Verde, Léo Pagnac leads initiatives to integrate electric mobility solutions funded by the Mitigation Action Facility, advancing sustainable transport efforts in the country.

Previously, he held the position of Senior Project Manager for a Pan-African program focused on supporting startup ecosystems and promoting academic excellence, particularly in climate change education. His career also includes a tenure as Special Advisor to the Minister of Entrepreneurship in Senegal, where he contributed to defining innovative strategies and developing business models to empower youth and women entrepreneurs at the Délégation de l'Entreprenariat des Femmes et des Jeunes.

Léo Pagnac is a graduate of Sciences Po Paris and the London School of Economics.



## SPECIAL E-MOBILITY SESSION

### Idrissa Coulibaly

Coulibaly Idrissa is Deputy Director of Project Planning and Programming in the Department of Planning, Statistics, Projects and Forecasting at the Ministry of Transport. He holds a master's degree in geography and a master's degree in project management and humanitarian logistics from the UNESCO Chair for the Culture of Peace at the Felix Houphouët Boigny University in Cocody. In his sub-department he manages issues relating to: Public investment projects (PIP), the National Development Plan (NDP) and Projects relating to the Ministry of Transport's fight against global warming. Idrissa is the Ministry of Transport's main focal point for German cooperation agency GIZ and Expertise France. Coulibaly Idrissa took part in COP29 in Baku, Azerbaijan, on behalf of the Ministry of Transport.

