



ECOWAS SUSTAINABLE ENERGY FORUM ESEF 2024

Towards a Just Energy Transition in the ECOWAS Region

Promotion of Electric Mobility in Cabo Verde

Exhibition Centre - Abidjan, Côte d'Ivoire
November 28 - 29, 2024

www.ecreee.org



Policy Charter for Electric Mobility

The Policy Charter aims to:

- **Establish the country's strategic vision;**
 - **Communicate the main measures;**
 - **Be an instrument for dialogue with internal and external partners.**
- Promotion of Electric Mobility in Cabo Verde
 - Start-up stage focusing on incentives;
 - Massification stage based on market logic.
 - Adoption of Policy Charter for Electric Mobility in 2019
 - Overall target: fully electrified fleet by 2050
 - National Recharging Infrastructure implemented by 2030;
 - 100 % EV fleet by 2030 in public administration.



Promotion of Electric Vehicles in Cabo Verde

- **Implementing institution:** Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
- **Political partner:** Ministry of Industry, Commerce and Energy (MICE)
- **Implementation period:** 06/2020 – 05/2025
- **Funding:** Mitigation Action Facility
- **Budget:** approx. 7.2 million EUR



ProMEC - *Promotion of Electric Mobility in Cabo Verde*

- Project components



1. **Rebate programme** for supporting the acquisition of 600 EVs and 100 EV charging stations



2. Establishment of a network of a minimum of 40 **public charging stations**



3. **Legal and regulatory framework** for EVs and EV charging



4. **E-bus pilot projects** (4 city and 3 school buses)



5. **Capacity building** for sector professionals in Cabo Verde incl. international knowledge exchange



6. Monitoring and reporting of road transport-related **GHG emissions**



7. **Awareness raising**



8. **Grid integration / grid impact** of EV charging



Rebate Programme for supporting the acquisition of 600 EVs and 100 EV charging stations

- GoCV (with resources from the project) is supporting the acquisition of up to 600 new EVs with rebates
- The rebates are gradually reduced through six (6) funding windows until 2025
- Local car dealers must meet certain criteria to join the programme
- Only battery-electric vehicles are eligible (no PHEVs)
- Maximum prices capped at 65,000 EUR for regular cars
- Rebates available for private charging stations (up to 100)

Rebate applications



419 pre-approved applications



206 approved applications



10 applications, all approved

Total subsidies

EUR 1,500,601
Committed



**EUR 1,114,600
Funded**



EUR 8,000 Funded



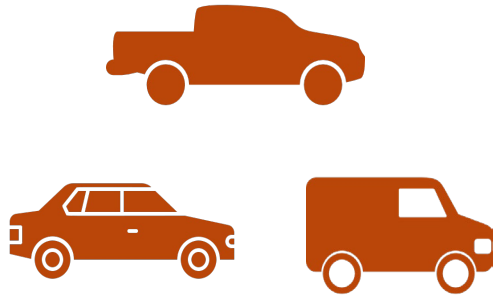
1 – Rebate programme for supporting the acquisition of 600 EVs and 100 EV charging stations

**Small cars
< 4 seats**



EUR 900

**Regular cars &
delivery vans**



EUR 3,000

**Minibus
(7 to 16 seats)**



EUR 12,000

**Buses
(>17 seats)**



EUR 30,000

Taxi

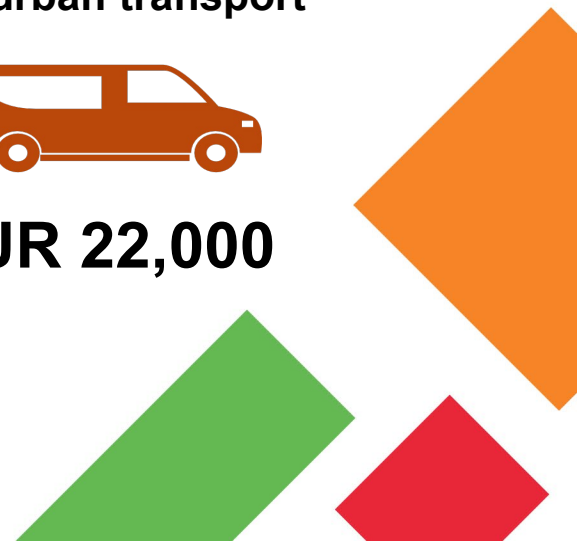


EUR 8,000

Interurban transport



EUR 22,000



Establishment of a Network of a minimum of 40 Public Charging Stations

- REoI published on 2022
- Public Funding up to **274,800 EUR**
- At least **40 charging stations** to be installed, including **2 fast charging stations (CS)**
- BOOT modality
- 7 years concession contract
- No exclusivity: other market players are allowed to install and operate CS

- Concession contract with *Trações Elétricas de Cabo Verde* signed in June 2023
- First charging station (CS) inaugurated in July 2023
- All 40 charging stations are expected to be commissioned by the end of 2024

28 CS already commissioned



Project Components and Results



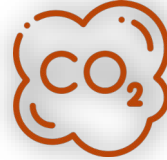
Legal and **regulatory framework** for EVs and EV charging

- Development of an electric mobility policy
- Standards for the installation of charging stations



E-bus pilot projects

- Pilot project to operationalize electric buses for urban public transport in Cabo Verde
 - Steps:
 - Electric bus benchmark
 - Charging Infrastructure Analysis
 - Total cost of ownership analysis
 - Tender documents for e-buses purchase



Monitoring and reporting of road transport-related **GHG emissions**

- At the moment, Cabo Verde's emissions inventory is calculated using the Tier 1 of the IPCC methodology (**top-down approach**)
- An activity is underway to apply the Tier 2 (**bottom-up**) methodology, mirroring best practices from GIZ TraCS support to similar activities in Morocco and the Dominican Republic.



Grid integration / grid impact of EV charging

- An activity is underway to assess the impact of increased share of EVs in the grid and its potential for grid stabilisation.



Awareness raising



Institutional Video

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Capacity Training

MoUs signed with CERMI and IAFP, two of the country's major vocational training institutes, envisaging the following trainings:

- **CERMI**
 - Installation, maintenance and certification of charging stations
- **IAFP/CEFPV**
 - EV maintenance

Installation of Charging Stations

Training of 10 trainers for CEMMI and their public institutions in June 2024.

Follow up work with CEMMI to include the module in their regular training offers.

Maintenance of EVs equipped with high voltage systems

Training scheduled for November 2024, targeting 10 trainers from CEFPV, ITAC, DGTR and car dealers

Firefighter training

A total of 28 **first responders** from Santiago and Sal fire departments were **trained in Road Rescue Techniques Involving Electric Vehicles**.





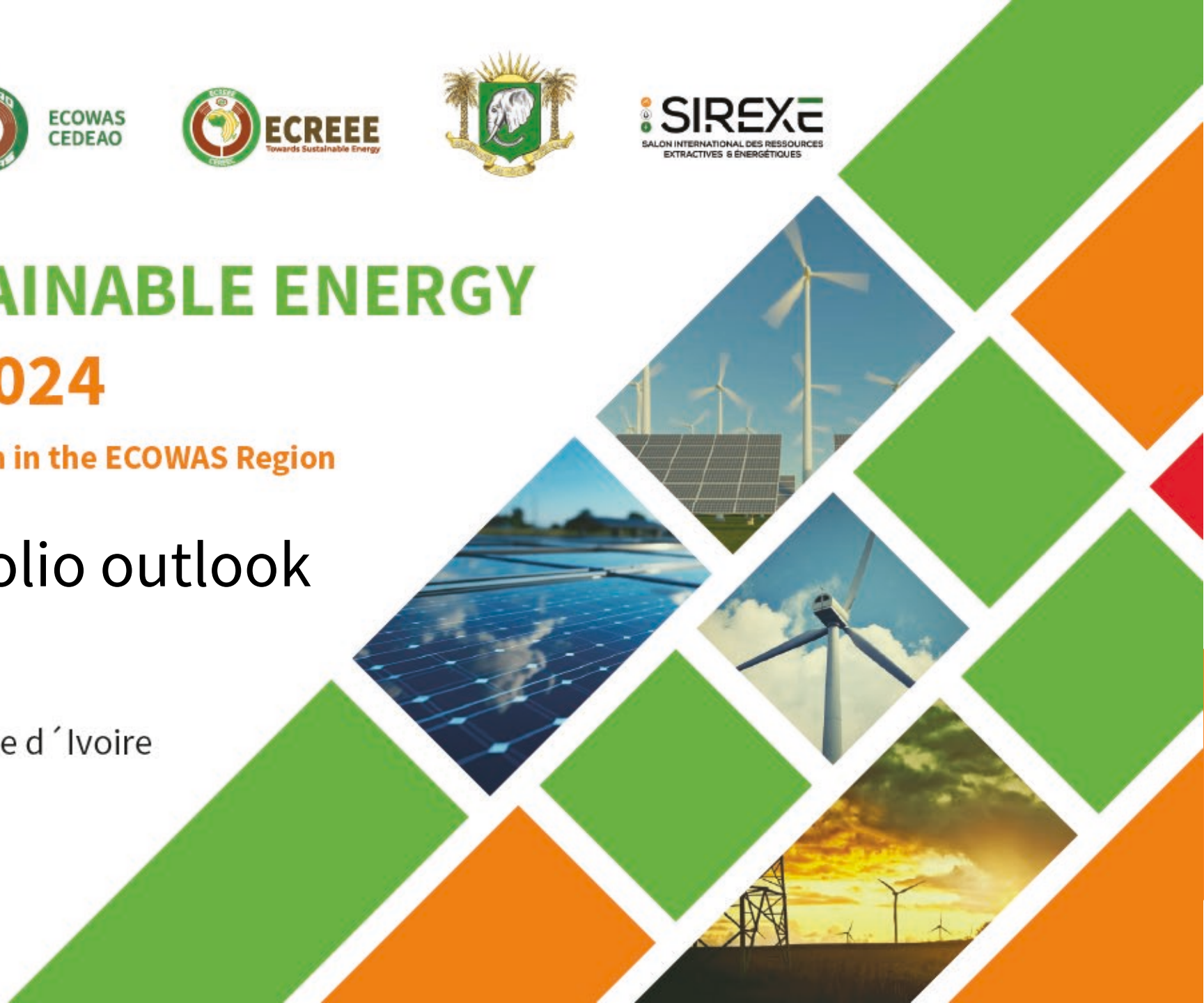
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GIZ projects portfolio outlook

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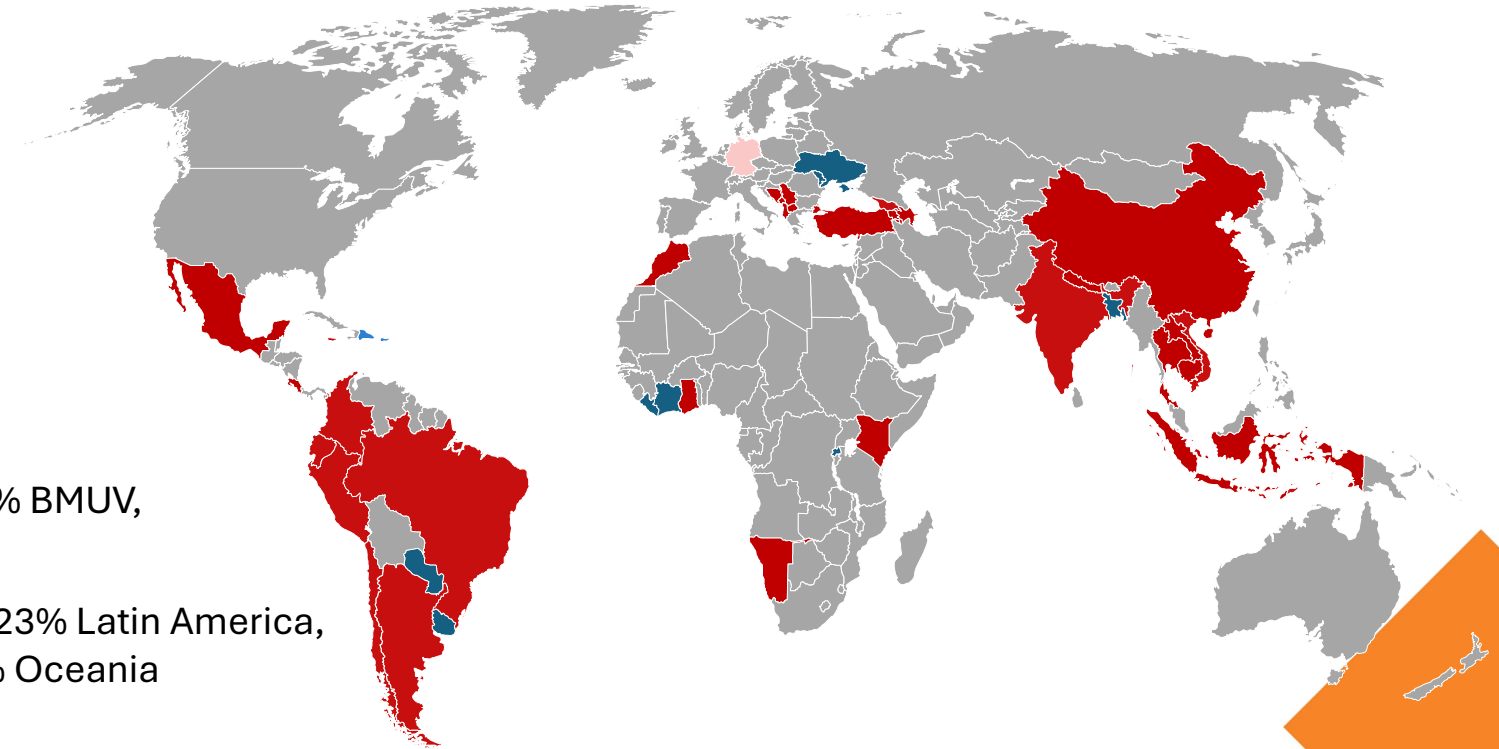
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Portfolio overview transport 2023

Figures, data, facts

No. of projects	46
No. of countries	>40
Volume (commissioned)	263 million €
Thereof cofinancing:	47 million €
Donor (according to volume)	48% BMZ, 22% BMWK, 7% BMUV, MAF, 4% others
Regions (according to volume):	12% Global, 14% Africa, 23% Latin America, 37% Asia, 8% Europe, 6% Oceania
Number of staff:	300, thereof 200 national



As of: 12/2023

GIZ Transport & Mobility Portfolio

- **Number of projects:** 46
- **Number of countries:** >40
- **Total volume:** 263 million € commissioned, thereof 47 million € cofinancing
- **Main donors (according to volume):** 48% BMZ, 22% BMWK, 7% BMUV, 18% MAF, 4% others
- **Number of employees:** 300, thereof 200 national
- **Global programmes:** 4

Europe

- Albania
- Armenia
- Azerbaijan
- Bosnia and Herzegovina
- Georgia
- Kosovo
- Moldova
- Montenegro
- North Macedonia
- Serbia
- Turkey
- Ukraine

Asia

- Cambodia
- China
- India
- Indonesia
- Laos
- Nepal
- Thailand
- Vietnam

Oceania

- Marshall Islands

Americas & Caribbean

- Argentina
- Brazil
- Chile
- Costa Rica
- Colombia
- Ecuador
- Guatemala
- Jamaica
- Mexico
- Paraguay
- Peru
- St. Lucia
- Uruguay

Africa

- Cape Verde
- Ghana
- Ivory Coast
- Kenya
- Liberia
- Morocco
- Namibia
- Rwanda
- Sénégal



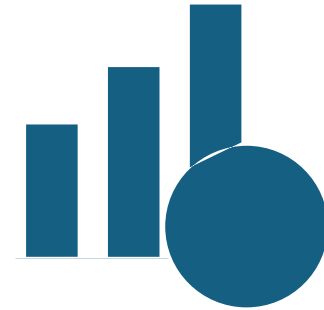
As of: 12/2023

At a glance: the GIZ Transport and Mobility Portfolio

46 projects and measures in more than **40 countries**
(4 global, 28 bilateral, 15 regional)



Donors (according to volume):
48% BMZ, 22% BMWK, 7% BMUV, 18% MAF, 4% others



EUR 263 million
commissioned volume

Thereof **EUR 47 million**
cofinancing



In total, we have more than
300 experts worldwide

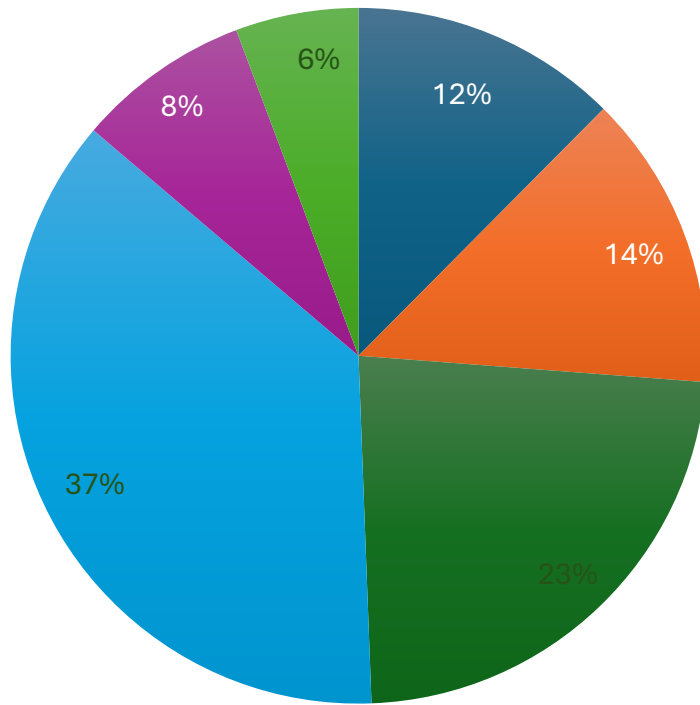
About **2/3** of them are national experts



GIZ Transport & Mobility Portfolio

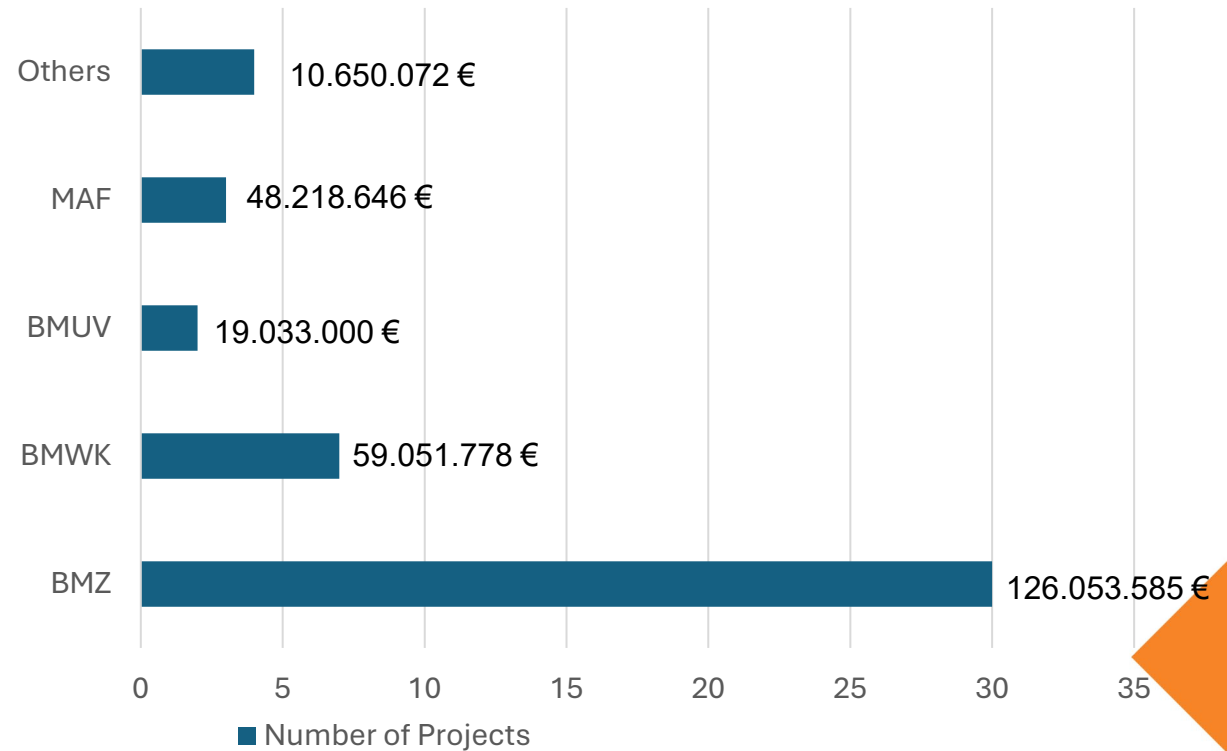
Distribution by regions & donors

% of the total volume (263 M. EUR)



■ Global ■ Africa ■ Latin Amerika ■ Asia ■ Europe ■ Oceania

Number and Volume of Projects by donor



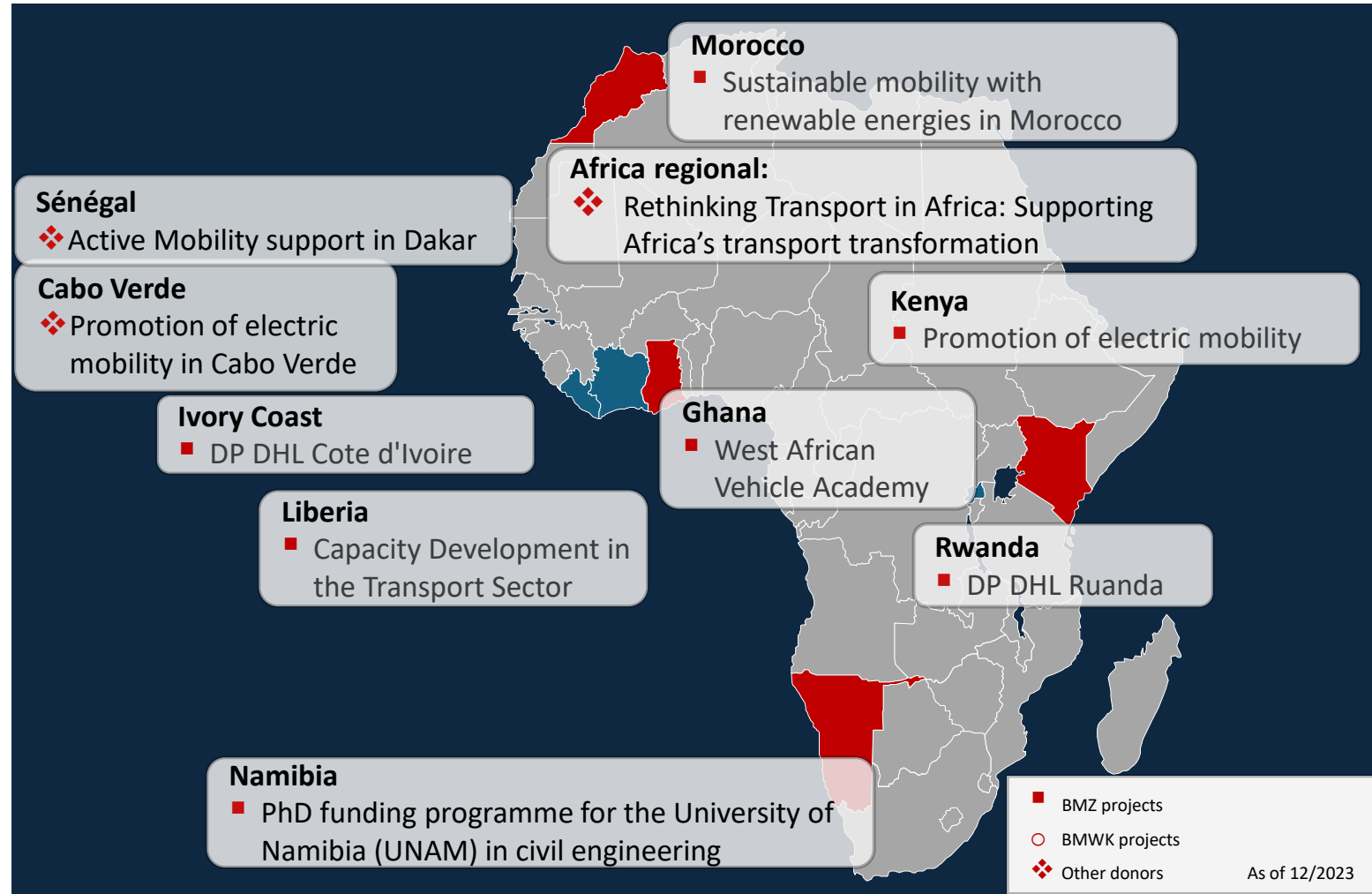
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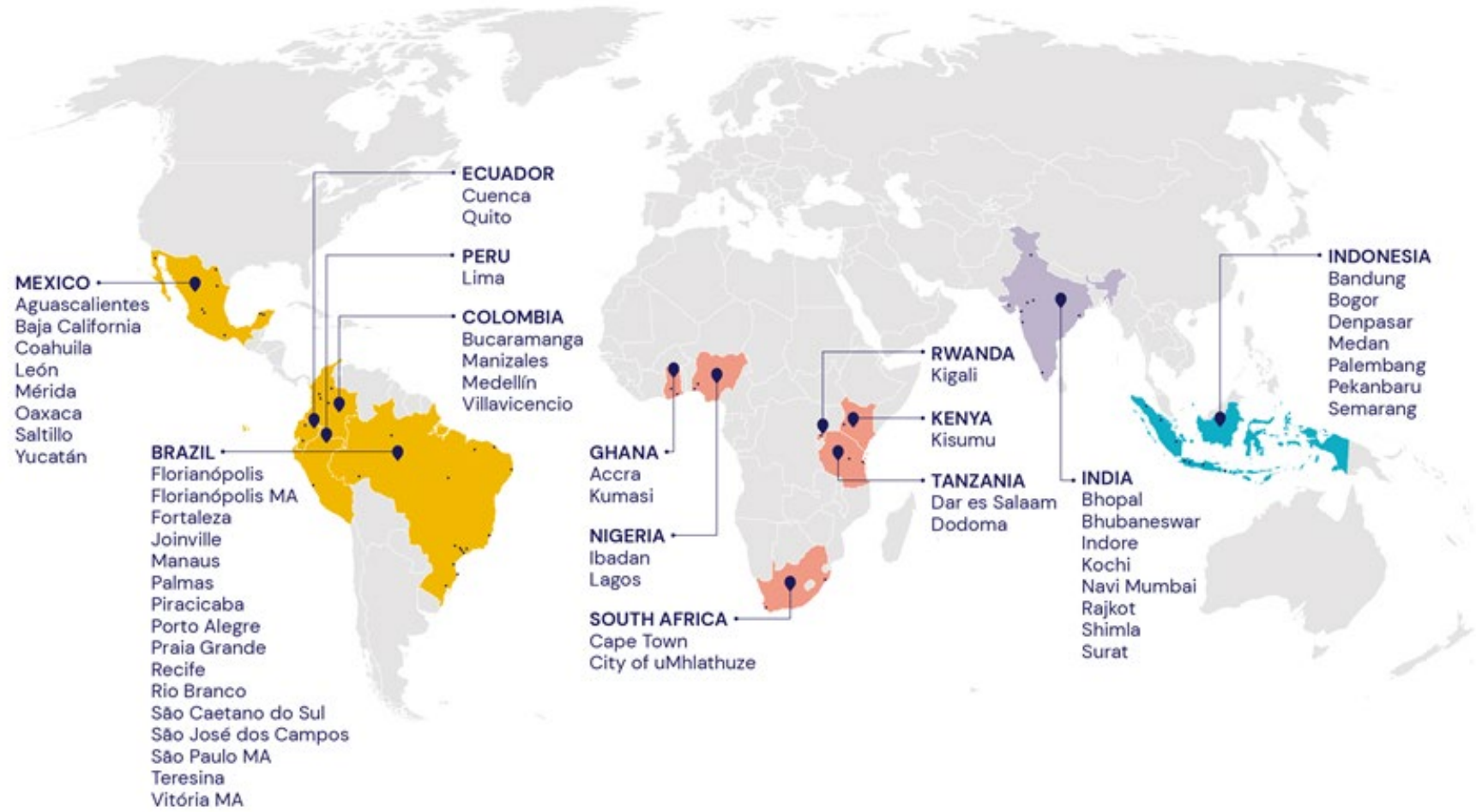
GIZ Transport Portfolio

Regional Zoom: Africa

- **Number of projects:** 11
- **Total volume:** 36 million € commissioned, thereof 11 million € cofinancing
- **Main donors:** BMZ, MAF
- **Core topics:**
 - E-Mobility
 - Capacity development
 - Infrastructure management & access

- Africa**
- Cape Verde
 - Ghana
 - Ivory Coast
 - Kenya
 - Liberia
 - Morocco
 - Namibia
 - Rwanda

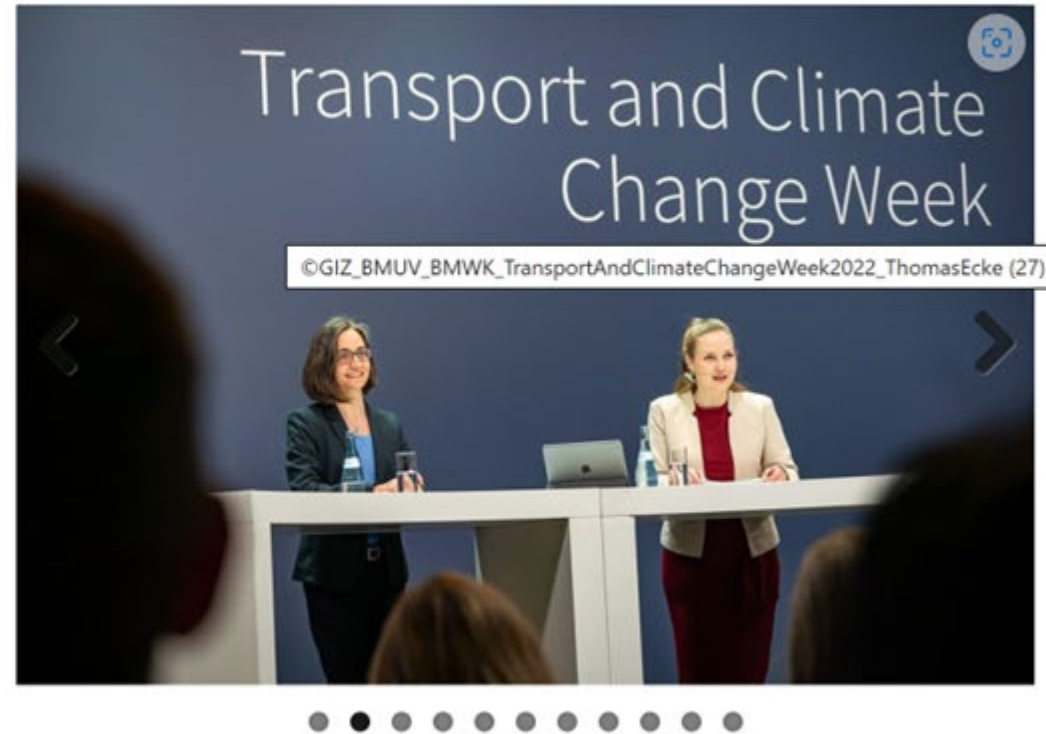




The annual flagship event on transport and climate

Over the **past few years** we have brought together more than 2000 participants, experts and decision-makers from around the world to learn together, exchange ideas with stakeholders, to network and develop solutions for a net zero transport future and therefore advance decarbonisation.

Through shared learning, we not only **build capacity**, but also **forge meaningful relationships**.





The Call for Projects 2025 has opened!

Submit your innovative project concepts to contribute to global decarbonisation efforts. The Concept Phase will be open from the 19th November 2024 to the 19th February 2025.



Thanks!

