

IDEV

An IDEV  
Learning  
Event

Improving the  
sustainability of  
development  
interventions:  
What will it take?

## **The Case of Mainstreaming Green Growth (GG) and Climate Change (CC) into the AfDB's Interventions: Energy and Transport Cluster – What is the secret to good sustainability?**

29 November 2023

**Marco Yamaguchi**  
Manager, Transport and Logistics Division, AfDB

# Africa extreme weather events and pollution threaten vital infrastructure and people's life

Mitigation measures required

Adaptation needs





# Banjul PORT 4th Expansion Project



Overview of Tanbi Wetland Complex and Banjul Port in Gambia



Project location	The Gambia
<p><b>Adaptation Resilience Objective</b></p>	<ul style="list-style-type: none"> <li>• Addressing climate hazards in the expansion of the Banjul Port to enhance resilience and improve capacity of the assets and support services</li> <li>• Aligning the project with the New Port Master Plan (2019-2038) and the great Banjul area, adopting an integrated approach to urban regeneration</li> <li>• Regenerating and preserving mangroves in the Tanbi Wetland Complex as an important coastal defense.</li> </ul>
<p><b>Value of the Project</b></p>	<ul style="list-style-type: none"> <li>• Total project cost : USD 114, 6 million</li> <li>• AFDB: USD 21.75 million   USD 5 million for climate adaptation measures</li> <li>• EIB: USD 60 million sovereign concessional</li> <li>• EU: grant up to USD 13 million for climate adaptation measures</li> </ul>
<p><b>Climate adaptation contribution measures</b></p>	<ul style="list-style-type: none"> <li>• Develop a climate risk assessment to identify climate hazards and impacts to the asset, people and services in the Banjul Port</li> <li>• Prioritize adaptation and resilience options, with focus on Nature-Based Solutions (NBS),</li> </ul>
<p><b>Status</b></p>	<ul style="list-style-type: none"> <li>• Under Preparation: Project Concept Note</li> <li>• Planned Board Approval – Q3 2022.</li> </ul>

# Africa Adaptation Acceleration Program (AAAP)

The AAAP is a comprehensive Africa-owned and Africa-led program that aims to mobilize \$25bn in adaptation investments across Africa

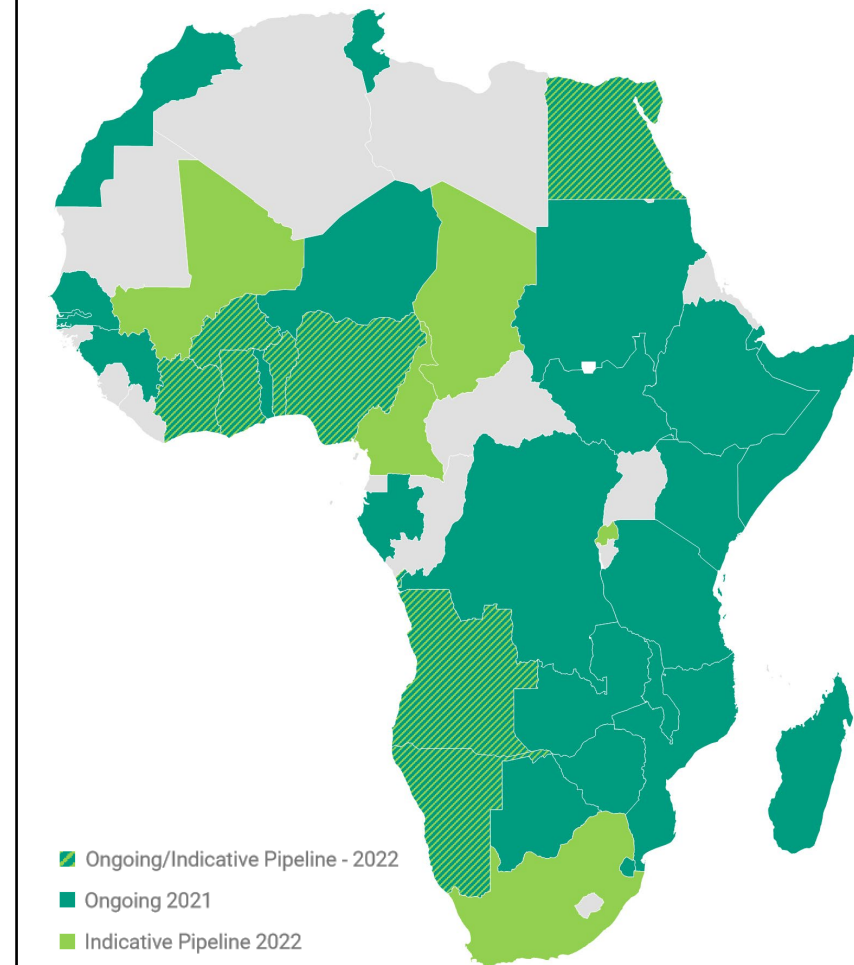
## GLOBAL CENTER ON ADAPTATION

- GCA is the only international organization solely focused on adaptation.
- AfDB President Adesina and GCA CEO Patrick Verkooijen launched the Africa Adaptation Acceleration Program (AAAP) in January 2021.
- AAAP was endorsed by over 30 African Heads of State, the African Union, and Global Leaders..
- AAAP aims to mobilize \$25 billion in adaptation investments by 2025.
- The **Africa Infrastructure Resilience Accelerator (AIRA)** is a key pillar of AAAP

## AAAP INFRASTRUCTURE RESILIENCE ACCELERATOR CORE FOCUS AREAS

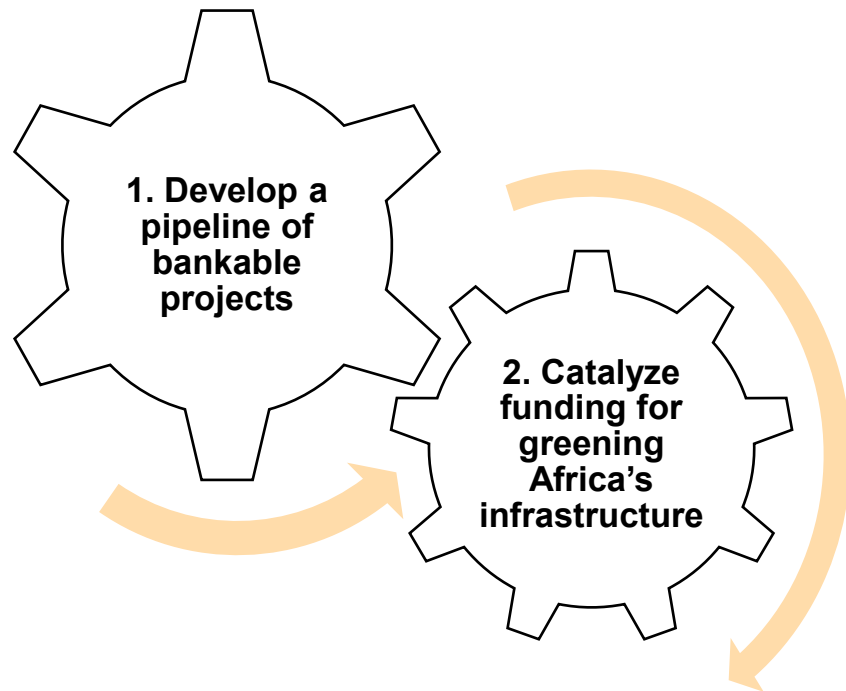
- 1 Accelerate adaptation for green and resilient cities
- 2 Financing Nature-Based Solutions
- 3 Mainstream climate risk in national infrastructure investment portfolios
- 4 Climate-resilient infrastructure PPPs

## AAAP FOOTPRINT IN AFRICA



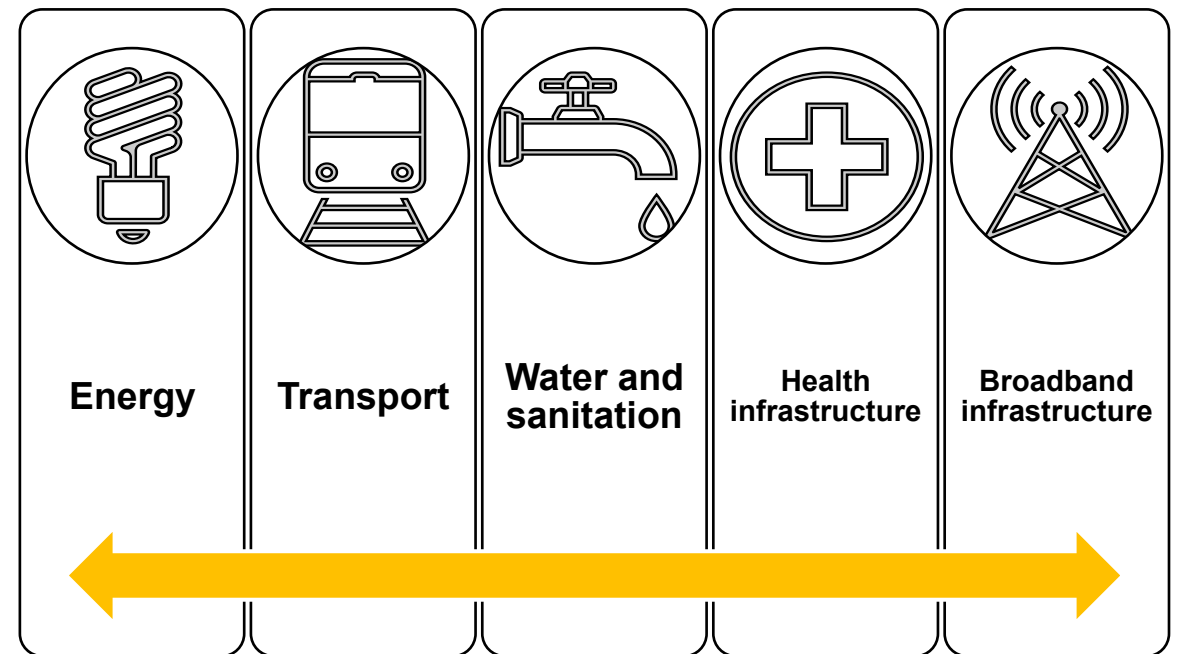
# Alliance for Green Infrastructure in Africa (AGIA)

The AGIA is a special initiative that seeks to accelerate Africa's **just and equitable transition to Net-Zero** and bridge the continent's infrastructure gap in a low-carbon and climate resilient manner. AGIA's **core objectives** are:



AGIA is not a new institution or a replica of Africa50, but rather a delivery platform to provide much-needed financing to the infrastructure sector in Africa at speed and at scale

AGIA will pursue a **demand driven approach** to invest in climate-resilient infrastructure (**both urban and rural**) across several sectors, including:



Target sectors will be **regularly reviewed** considering the needs of African countries as they transition to Net-Zero in a just and equitable manner.

# Urban Municipal Development Fund (UMDF)

The UMDF is a multi-donor fund hosted by AfDB to improve resilience and better manage urban growth by providing municipalities and urban entities with tailored technical assistance such as urban planning and project preparation.



## Productivity

- Analysis and advice on the design of integrated urban plans and/or sector strategies.
- Capacity development and assistance to attract investment into economic infrastructure.
- Activating AfDB's catalytic role to leverage international and national investments and resources for urban development.

## Livability

- Integrated urban development plans, inclusive urban design, gender-sensitive spatial planning and participatory decision-making.
- Project preparation for essential infrastructure, water, electricity, public transport, waste.
- Urban regeneration, public space improvements.

## Sustainability

- Facilitating learning between cities on climate action and improving resilience.
- Supporting climate-proofing investments, developing projects and programs that reduce GHG emissions or build resilience.
- Assisting cities in accessing green financing mechanisms or mobilizing climate finance.

## Good Governance

- Partnering with governments at a national and sub-national level to support fiscal reforms.
- Technical assistance to strengthen systems of revenue collection, expenditure administration as well as building creditworthiness.
- Preparing cities to access financing from AfDB and other sources.
- Build institutions or PPPs for infrastructure investments and operations.

# Green Mobility Facility for Africa (GMFA)

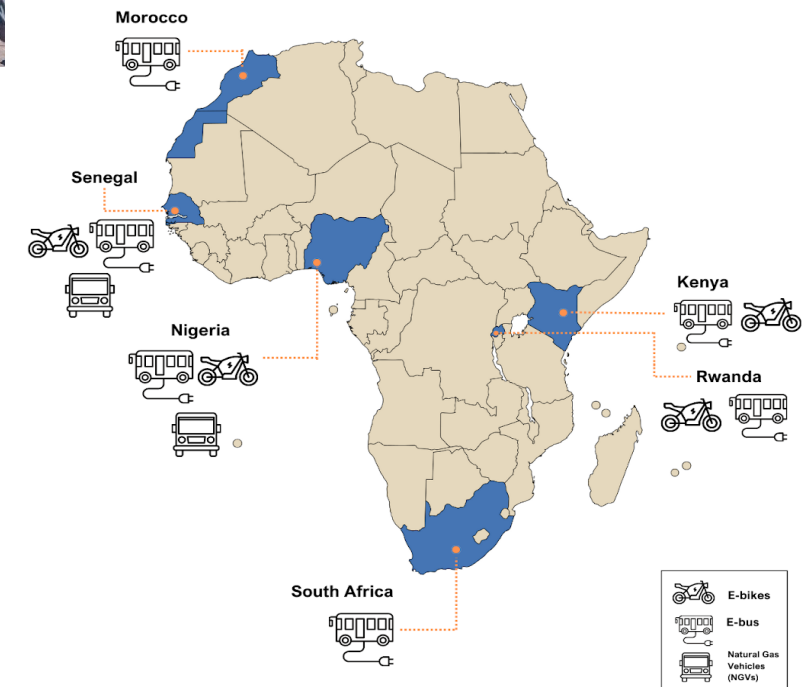


- GMFA is a USD685 million Catalytic **blended finance** multi-country program to facilitate the emergence of **green mobility** by shifting **public transport to low-emission technologies** in urban areas of Africa.



**Countries:** Kenya, Morocco, Rwanda, Nigeria, Senegal, and South Africa

**Technologies:** Electric Vehicles (e-bikes, e-bus) and Natural Gas Vehicles (NGVs)



# Sustainable Road Maintenance Program for Africa



- Early stages discussions on the development of a **Sustainable Road Maintenance Program** and assessing the technical/financial feasibilities of several innovative road maintenance technologies.
- This will also involve developing innovative sustainable financing mechanisms.
- In time African governments (or National road agencies) will be approached to gauge interest in adoption of these technologies.



## Infratech solutions



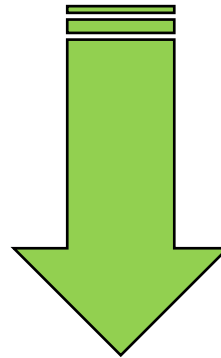


# Green Shipping/ Port Initiative in West & Central Africa

- AfDB's actions to promote climate change resilience and decarbonization in Africa ports and the shipping industry through promoting **climate resilient port infrastructure** and **green corridor concept with zero emission shipping**.



- AfDB's is supporting the **modal migration of existing road traffic volume** gradually to the railway network in Africa.



*Gradual Modal shift to railways*



# Green Airport/Aviation Initiative for Africa

- AfDB's proposed initiatives are to promote green Airports and aviation industry by investing in green infrastructure / equipment for green certificate and promoting Sustainable Aviation Fuel (SAF) through pilots.



# Capacity Building is critical for Sustainability

- The Bank continues offering the Tailor-made **Climate-Resilient Infrastructure PPP Masterclass** to both internal and external stakeholders in Africa.

## Scaling Up Climate-Resilient Infrastructure PPP in Africa Masterclass

*Preliminary Version 13.04.23*

Developed under the:

Africa Adaptation Acceleration Program (AAAP)



GLOBAL  
CENTER ON  
ADAPTATION



# Building partnerships for good sustainability

- The Bank continues to foster partnerships with market players in the public and private sectors by raising our voice at different opportunities.

## INVITATION CARD

You are cordially invited to a side event of African Development Bank

### Entrenching Smart Logistics into the Green Supply Chain in Africa

06<sup>th</sup> December 2023 (Wed)

16:30 – 17:30

Venue: Africa Pavilion, Blue Zone, Expo City Dubai, UAE

#### Speakers:

H.E. Dr. Mateus Magala, Minister of Transport and Communications, Republic of Mozambique (Keynote Speech)

Mr. Solomon Quaynor, Vice President, Private Sector, Infrastructure & Industrialization, African Development Bank (Welcome remarks)

Dr. Chantal Line Carpentier, Head, Trade, Environment, Climate Change, and Sustainable Development, United Nations Conference on Trade and Development (UNCTAD)

Mr. Luis Tineo, Interim CEO, Climate Investment Funds

Mr. Mohammed Akoojee, CEO & MD, Sub Saharan Africa, DP World

Mr. Mahmood Al Bastaki, Chief Operating Officer, Digital Trade Solutions, World Logistics Passport

Mr. Jens Thomassen, Partner, A.P. Moller Capital

Mr. Marco Yamaguchi, Manager, Transport and Logistics Division, African Development Bank (Moderator)

#### Contacts:

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## Sustainable Green Transport Initiatives in Africa

Kenyatta International Conference Center

Friday 8<sup>th</sup> September 12:00 - 13:00 EAT



## INVITATION CARD

You are cordially invited to a COP28 side event of the African Development Bank

### Promote River Transport in Africa

06<sup>th</sup> December 2023 (Wed)

09:00 – 10:30

Venue: Africa Pavilion, Blue Zone, Expo City Dubai, UAE

#### Speakers:

H.E. Kamel al-Wazir, Minister of Transport, Egypt

H.E. Muhammed B.S Jallow, Vice President, The Gambia

Mr. Solomon Quaynor, Vice President, Private Sector, Infrastructure & Industrialization, African Development Bank

Dr. Masinde Bwire, Executive Secretary, Lake Victoria Basin Commission

Ms. Lara Muller, Director, Public Sector, Invest International

Mr. Marco Serena, Chief Sustainable Impact Officer, Private Infrastructure Development Group (PIDG)

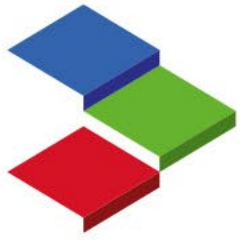
Common Market for Eastern and Southern Africa (COMESA)

Mr. Marco Yamaguchi, Manager, Transport and Logistics Division, African Development Bank (Moderator)

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**THANK YOU**

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