

ACRIS IV

FOURTH AFRICA CLIMATE RESILIENCE INVESTMENT SUMMIT

**5-7 MARCH 2019, SANDTON CONFERENCE CENTRE
JOHANNESBURG, SOUTH AFRICA**



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THE OFFICIAL POST-SUMMIT REPORT

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SUMMIT CHAIR

Prof. Jamal Saghir, Former World Bank Director and
Senior Regional Advisor for Africa, and GRV Global Advisory Board Member

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Geoff Tooley, Senior Manager - Catchment Management, GIZ / eThekweni Municipality

An excellently organised event that created space for knowledge sharing at many levels and across sectors.





Bruna Consiglio, Business Developer, Foundation Rural Energy Services

The entire organisation/ logistics/communication was excellent.





WATER

ICT

ENERGY

TRANSPORT

COMMITTED TO MAKING CHANGE HAPPEN

The Development Bank of Southern Africa (DBSA) is one of the leading Development Financial Institutions (DFIs) in Africa. At the core of our mandate, the DBSA seeks to play a pivotal role in delivering developmental infrastructure in South Africa and the rest of Africa.

The strategy of the DBSA is to provide sustainable infrastructure project preparation, finance and implementation support in selected African markets to improve the quality of life of people, in support of economic growth and regional integration.

Our work targets investments mainly in the energy, transport, water and communications sectors. We also provide support to sectors such as health, education and housing.

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FOREWORD >



As Advisory Board Member to **GRV Global**, and Official Summit Chair of the 4th **Africa Climate Resilience Investment Summit (ACRIS IV)**, it is my distinct pleasure to welcome you to the Post-Event Report. We would like to take this opportunity to sincerely thank all those who participated in this important annual event; a series promoting long-term economic development across Africa through public-private partnerships (PPPs), focussed on sustainable climate resilient investment across key sectors. Following a very enjoyable and productive week at the Sandton Sun Conference Centre & Hotel in Johannesburg, this report contains a detailed overview of the various workshops and plenary sessions, afternoon matchmaking meetings and various networking occasions including a large selection of photographs from the Summit.

GRV Global would like to pass on their sincere gratitude to the various Government, International and United Nations agency officials who joined our themed discussion panels and, were committed to meeting with event delegates throughout our afternoon matchmaking meeting session. We are extremely grateful for their kind time and support not only during the week of ACRIS IV but also, for their assistance during the build up to the event. **GRV Global** would like to express special thanks to the Government of South Africa's Department of Environmental Affairs and Honourable Minister Nomvula MOKONYANE for hosting us; to the African Union Commission's (AUC) Commissioner for Rural Economy & Agriculture, H.E. Amb. Josefa Leonel Correia SACKO for their unwavering assistance with help, the entire World Bank team, and the Nordic Development Fund (NDF) for all their hard work and diligence, and for providing vital sponsorship to ACRIS once again.

The **Africa Climate Resilience Investment Summit (ACRIS IV)** has been heralded as a significant success by both the participating officials and private-sector delegates alike; testimonials of which can be found later in this report. We welcomed almost 200 local and international participants to Johannesburg and facilitated hundreds of face-to-face matchmaking meetings. Many climate change factors and challenges regarding long-lived infrastructure plans and development were discussed and some extremely valuable experiences were shared. As a result of this event and **GRV Global's** ethos of personable engagement, long-lasting collaborations are sure to result and ultimately, a stronger base on which to build reliable and sustainable development through PPPs.

GRV Global would like to thank the Sandton Sun Conference Centre and its highly professional & helpful staff for its support. We thank all our local partners for helping us to produce world-class materials such as the stage set, banners, all invitations and tickets, and of course the Official Event Guide; in addition to the local students who assisted with managing our registration desk and matchmaking meeting tables. Lastly and by no means least, **GRV Global** would truly like to thank our Event Sponsors, for their support and attendance without which, events of this magnitude and importance would simply not be possible. The support shown by our partners and sponsors was emphatic and a true testament to the potential they see for investment and development across the continent.

Thank you for joining us in South Africa, as Chair it was my honour to welcome such distinguished guests and climate change experts, and we very much look forward to welcoming you at ACRIS V in 2020!

Prof. Jamal Saghir

Lekela



Delivering clean, reliable energy across Africa

Lekela is a renewable power generation company that delivers utility-scale projects which supply much-needed clean energy to communities across Africa. Lekela's current portfolio includes more than 1,300 megawatts across projects in Egypt, Ghana, Senegal and South Africa.

Energy is critical to the African continent's continued growth. Through a platform built to develop, own and operate wind and solar assets, Lekela provides sustainable, reliable, competitively-priced power to governments, utilities and large-scale industrial projects.

Lekela's portfolio of projects:

OPERATION

- > **South Africa:** Khobab wind farm (140MW)
- > **South Africa:** Loeriesfontein 2 wind farm (140MW)
- > **South Africa:** Noupoort wind farm (80MW)

CONSTRUCTION

- > **Senegal:** Taiba N'Diaye wind farm (158MW)
- > **South Africa:** Kangnas wind farm (140MW)
- > **South Africa:** Perdekraal East wind farm (110MW)

LATE STAGE DEVELOPMENT

- > **Egypt:** Gulf of Suez wind farm (250MW)
- > **Ghana:** Ayitepa wind farm (225MW)



Lekela is also seeking further renewable energy opportunities across Africa.

CONTENTS

Summit Agenda	5
Key Partners.....	14
Post-Summit Report	16
Geographical Map of Attendees	23
Roundtable List	33
Roundtable Profiles	34
Attendee List	48
Summit Floorplan	55



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“Stepping up Climate Action in Africa”

Context

As framed by the 2030 Agenda for Sustainable Development and the continent's wider development blueprint, Agenda 2063 'The Africa We Want', aimed at a peaceful, prosperous and integrated Africa, the continent is already being severely impacted by the adverse effects of climate change which is putting long-term development objectives at considerable risk. The 2018 report by the Intergovernmental Panel on Climate Change (IPCC) on 1.5 degrees Celsius global warming, calls for urgent action because even with a scenario of global warming at below 2 degrees Celsius (above pre-industrial levels as aimed for under the Paris Agreement), African economies will still be significantly impacted. Yet, the continent requires trillions of dollars of investment over the coming decades to plug huge investment gaps in key sectors such as agriculture, water, energy, transport, and landscape and ecosystems – all sectors which are very sensitive to climate change impacts. Unlike other economies, where huge investments are already locked-in and require retrofitting measures to climate-proof them, the demand for greenfield investments under high climate risks in Africa provides a unique opportunity to get investment right from the outset.

The Fourth Africa Climate Resilience Investment Summit (ACRIS IV) provides a platform for governments, civil society, international financial organisations and the private sector to focus on climate resilient solutions and funding to harness action at scale. The Summit will convene a set of high-level expert panels to showcase priority areas of climate resilient investments. The backbone of ACRIS IV is the Africa Climate Resilient Investment Facility (AFRI-RES) Partnership - a joint initiative of the African Union Commission (AUC), the United Nations Economic Commission for Africa (ECA), the World Bank Group, and the African Development Bank (AfDB). With funding from the Nordic Development Fund (NDF), AFRI-RES aims to strengthen the capacity of African policy makers, institutions, the private sector, project developers and various other potential beneficiaries, to integrate climate resilience into the planning, design, and implementation of investments in selected climate-sensitive sectors, particularly energy, water, transport, ecosystems and agriculture. The Facility's activities include creating an open data platform, developing guidelines on how to integrate climate risks in key climate-sensitive sectors, and support outreach and dissemination to key African stakeholders to enhance capacity and collaboration. Collaborators include CR4D, Future Climate for Africa and other related initiatives in addition to the World Bank Group, African Union and ECA.

Harnessing the private sector and mobilizing public-private partnerships are key to unlocking delivery on climate resilient transport, renewable energies & hydro-energy, water systems, sustainable land management, smart agriculture & coastal management. The panel discussions at ACRIS IV will draw on practical experiences as well as pioneering and innovative approaches, in order to stimulate a deepening of partnerships and dialogue, to forge transformative action at scale. Most importantly, the Summit will provide real-time opportunities for personable interactions and networking between public and private sector organisations, to discuss potential areas of engagement. Networking opportunities will continue through well-resourced exhibition stands, highlighting tried and tested innovation. There will also be an Evening Reception and an Event Dinner.

Key Partners: African Union Commission (AUC), World Bank Group (WBG), the United Nations Economic Commission for Africa (ECA) and the African Development Bank (AfDB).

Main Sponsor: Nordic Development Fund (NDF) through the AFRI-RES (Africa Climate Resilient Investment Facility) Partnership.

Supporting Partner: The Global Center on Adaptation of the Netherlands.

The Summit will be chaired by **Professor Jamal Saghir**.

SUMMIT AGENDA

Leading private sector sponsors include:

Platinum Sponsor: Development Bank of Southern Africa (DBSA).

Gold Sponsors: Oracle Construction and Engineering, Lekela and the Research for Community Access Partnership (ReCAP).

Silver Sponsor: Namibia Biomass Industry Group (N-BiG).

Bronze Sponsors: European Investment Bank (EIB), Future Climate for Africa (FCFA) and Innovation Africa Limited

Participation at the Summit will also include: **African Country Delegates** - these include senior ministers and government officials; **Leading Development Institutions** - World Bank Group (WBG), European Investment Bank (EIB), Islamic Development Bank (IsDB), European Bank for Reconstruction & Development (EBRD) and African Development Bank (AfDB); **Regional Power Pools** - EAPP, WAPP, SAPP, PEAC and COMELEC; **Regional River Basins** - Congo river basin, Gambia river basin, Niger River basin, Nile river basin, Senegal river basin, Volta River basin and Zambezi river basin; in addition to **Regional Economic Communities** which will include COMESA, EAC, ECCAS, ECOWAS, IGAD and SADC.

There will also be participation from leading industry specialists and firms on key infrastructure, agriculture, rural and urban areas of investment including:

Agribusiness: Innovation Africa Limited and Lindsay Africa.

Renewable Energy: Cambi Group AS, Crossflow Energy, USE-IT, BioTherm Energy Pty Ltd, NuRa Energy Pty Ltd, Namibia Biomass Industry Group (N-BiG), Energy Vault, Foundation Rural Energy Services and Profec Eswatini Wind & Solar Solutions.

Water: Climate Resilient Infrastructure Development Facility (CRIDF) and Almar Water Servicios Espana.

Transport Infrastructure: Lindsay Corporation, Enza Construction, MAN Enterprise and Oracle Construction and Engineering.

Waste Management: Cambi Group AS, USE-IT and Averda South Africa (Pty) Ltd.

Multi-disciplinary Climate Consultancies: The Global Center on Adaptation, SMEC South Africa and the Research for Community Access Partnership (ReCAP).

Climate Finance: European Investment Bank (EIB), Development Bank of Southern Africa (DBSA), Rand Merchant Bank and African Infrastructure Investment Managers Pty Ltd.

Space Technology and Satellite Data: European Space Agency (ESA), Hatfield Group and GMV Aerospace & Defence S.A.U.

Tuesday 5 March

17:00 - 19:00 PRE-EVENT REGISTRATION - SANDTON CONFERENCE CENTER, JOHANNESBURG

Event participants may complete registration by collecting their delegate pack & event access pass (business card required). Sponsors are asked to setup their exhibition booth whilst those Chairing sessions liaise with fellow panellists.

19:00 - 21:00 EVENING NETWORKING RECEPTION - SAN BAR, SANDTON SUN HOTEL, JOHANNESBURG

An 'ice-breaker' opportunity for event participants to meet and discuss the two days ahead in a relaxed and informal setting, whilst enjoying a range of canapés and refreshments.

Wednesday 6 March

Sandton Conference Center, Johannesburg, South Africa

08:00 – 08:30 NETWORKING REGISTRATION

Delegates yet to register may do so by collecting their delegate pack & event access pass (business card required), whilst networking and enjoying tea & coffee.

08:30 – 09:30 SESSION 1: OPENING CEREMONY & KEYNOTE ADDRESSES ON SCALING UP AMBITION FOR CLIMATE ACTION IN AFRICA

Summit Chair Prof. Jamal SAGHIR, Advisory Board Member, **GRV Global**

WELCOMING REMARKS

Hon. Nomvula MOKONYANE, Minister of Environmental Affairs
Government of South Africa

INTRODUCTORY REMARKS

H.E. Amb. Josefa Leonel Correia SACKO
Commissioner for Rural Economy & Agriculture
African Union Commission (AUC)

KEYNOTE ADDRESS: SETTING THE CONTEXT

Paul NOUMBA UM, Country Director - South Africa, Botswana, Eswatini, Lesotho, Namibia, Zambia & Zimbabwe; Africa Region
World Bank Group (WBG)

Mohale RAKGATE, Group Executive - Project Preparation
Development Bank of Southern Africa (DBSA)

09:30 – 11:00 SESSION 2: MANAGING LAND & WATER RESOURCES IN THE FACE OF CLIMATE CHANGE

Climate change is accelerating desertification and the degradation of soils, while at the same time precipitation patterns are changing with water stress increasing. Currently, 40% of soil in Africa is degraded. According to the Food and Agriculture Organization of the United Nations (FAO), some 83% of Sub-Saharan African people depend on the land for their livelihood, and food production in Africa will have to increase almost 100% by 2050 to keep up with population demands. Millions of Africans still suffer from water shortages due to problems of uneven distribution and management of existing supplies. One example of the disparity in water availability lies in the Congo Basin, where 30% of the continent's water drains through land inhabited by only 10% of Africa's population. Various initiatives are underway, including:

- The European Commission and the EU Member States have raised more than €100 million to contribute to financing research aimed at helping farmers adapt to climate change (DESIRA project). Three joint projects with the Bill and Melinda Gates Foundation started in 2018, and another €100 million will be invested in 2019.
- The "100 Water and Climate Projects for Africa" funding platform is currently examining 16 projects.

Session Chair: Benoît BOSQUET
Director - Environment & Natural Resources

The World Bank Group (WBG)

Alex SIMALABWI, Executive Secretary - GWPSA, Global Lead - Water Climate Resilience & Head of Africa Coordination Unit, **Global Water Partnership**



SUMMIT AGENDA

Mamphela RAMPHELE, Co-President, **Club of Rome**

Islam Sabry AL ZAYED, Researcher & Senior Technical Officer of National Water Research Center (NWRRC)

Ministry of Water Resources & Irrigation (MWRI); Egypt

Manel SALVADO TENESA, Business Development Director Africa

Almar Water Servicios Espana

Leonard MAGARA, Projects Director

Climate Resilient Infrastructure Development Facility (CRIDF)

Declan CONWAY, Professorial Research Fellow, Grantham Research Institute on Climate Change & the Environment

London School of Economics & Political Science (VIRTUAL PANELLIST)

10:50 - 11:00 AUDIENCE DISCUSSION; QUESTION & ANSWER SESSION

11:00 - 11:30 **NETWORKING TEA & COFFEE BREAK**

11:30 - 12:30 **SESSION 3:**

CLIMATE RISK MANAGEMENT & RESILIENCE: STEPPING UP OUR GAME

Climate risks need to be managed at multiple levels and across time-scales. Best practices for the implementation of risk reduction measures in different sectors, and across landscapes, is critical to ensure effective adaptation. Lessons learnt from the implementation of specific projects, including analysis, must inform these approaches in order to avoid fragmentation and worse, to ensure that mis- and mal-adaptation does not undermine efforts. Lessons on these are emerging on multiple fronts. Risk management and systematic reduction of hazards in climate-sensitive sectors need focus on:

- Assessments of resilience and development of resilience action plans
- Social safety nets
- Ecosystem services and nature-based solutions to improve resilience
- Approaches and tools for building back better and resilient reconstruction
- Holistic approaches to migration and displacement due to climate change
- Innovative financing opportunities, including climate risk insurance and risk transfer

Session Chair: Charles REEVE, Team Leader

Climate Resilient Infrastructure Development Facility (CRIDF)



Hon. Batio BASSIERE, Minister

Ministry of Environment, Green Economy & Climate Change; Burkina Faso

Kanta Kumari RIGAUD, Lead Environment Specialist, Regional Climate Change Coordinator - Africa Region, **World Bank Group (WBG)**

Abderrahmane KHECHA, Senior Policy Officer of Department of Rural Economy & Agriculture, **African Union Commission (AUC)**

Jean B. MUKUMWA, Monitoring & Evaluation Officer of Pilot Programme for Climate Resilience - National Project Coordination Unit (PPCR NPCU)

Ministry of National Development Planning; Zambia

Prof. Barbara EVANS, Chair of Public Health Engineering, and Co-director - Centre for Global Development, **University of Leeds (VIRTUAL PANELLIST)**

12:20 - 12:30 AUDIENCE DISCUSSION; QUESTION & ANSWER SESSION

12:30 - 13:30 **SESSION 4: CLIMATE RESILIENT INVESTMENT FACILITY (AFRI-RES) - IMPORTANCE OF HARNESSING & MOBILIZING CLIMATE RESILIENT KNOWLEDGE FOR CLIMATE ACTION**

Climate resilience must be at the heart of all investments across Africa. Climate impacts need to be better understood and the response to them needs to be customized based on the best knowledge, and guidance. A central function of AFRI-RES will be to facilitate interaction between policy makers, financiers, project developers, and scientific & engineering experts in order to develop and mainstream new practices that deliver climate resilient infrastructure and investments in Africa. The panel will discuss these needs, solutions, and modalities to step-up this engagement - to ensure that the knowledge reaches the last mile - to deliver on resilience, especially of the most vulnerable.

Session Chair: Kanta Kumari RIGAUD
Lead Environment Specialist
Regional Climate Change Coordinator - Africa Region



The World Bank Group (WBG)

Linus MOFOR, Senior Environmental Affairs Officer (Energy, Infrastructure & Climate Change)

UN Economic Commission for Africa (ECA)

Aage JORGENSEN, Program Manager

Nordic Development Fund (NDF)

Jasper COOK, Chief Technical Adviser

UKAID-DFID Funded ReCAP Programme

Worknesh Mekonnen GONET, Director & Representative to the AU

UNOPS Ethiopia Operational Hub (Ethiopia, Sudan & Djibouti)

Jonathan FIRST, Lead Product Innovation Specialist of Product Innovation

Development Bank of Southern Africa (DBSA)

13:20 - 13:30 AUDIENCE DISCUSSION; QUESTION & ANSWER SESSION

13:30 - 14:30 **NETWORKING LUNCH BREAK SPONSORED BY THE DEVELOPMENT BANK OF SOUTHERN AFRICA (DBSA)**



14:30 - 19:00 **SESSION 5: CEMENTING THE DIALOGUE; PUBLIC-PRIVATE SECTOR FACE-TO-FACE**

The session consists of two parts; short ignite presentations (10 mins) followed by speed dating marketplace tour.

14:30 - 15:50 **Showcasing Technology, Innovation & Solutions**

Short private sector presentations to showcase successful and practical applications of technology and innovation - highlighting financially viable climate resilient solutions in specific geographies

Session Chair: Andrew DOWELL, CEO, **GRV Global**

Neil ROBERTSON, Managing Director, **Innovation Africa Limited**

Gary BROWN, Regional Consultant, **Cambi**

Colin LINDEQUE, General Manager, **Namibia Biomass Industry Group (N-BiG)**

Manel SALVADO TENESA, Business Development Africa

Almar Water Servicios Espana

Romain PY, Head of Investments,

African Infrastructure Investment Managers Pty Ltd

SUMMIT AGENDA

Gerard MARGARIT, Business Development Manager

GMV Aerospace and Defence S.A.U.

Chris WHYTE, Managing Director, **USE-IT**

15:50 - 16:30 NETWORKING TEA & COFFEE BREAK

16:30 - 19:00 1-2-1 Pre-Scheduled Business Meetings (speed dating)

Opportunities for 1-2-1 interactions between ACRIS officials and private sector enterprises. To ensure maximum benefit is gained from ACRIS IV, profiles of all attending officials outlining their role and responsibilities will be issued to delegates prior to the Summit. Delegates may then login to GRV Global's secure scheduling suite, and make an informed choice of whom they wish to meet with. All participants receive an individually tailored schedule based on these selections a few days before the Summit. Each meeting lasts for 15 minutes. Meeting areas are discreetly located, free from distraction and to allow for focused discussions. There is no pre-planned content to the conversations.

19:30 - 20:00 Event Dinner Transport

Transportation for the ACRIS Dinner, communally, will be provided by GRV Global. Transportation will leave the Sandton Conference Center lobby at 7:30pm for an 8pm start.

20:00 - 22:00 Event Dinner - The Codfather Restaurant

An informal ACRIS Dinner at one of Johannesburg's most revered restaurants, welcoming the Official Delegation and all Event attendees for fine cuisine, entertainment and refreshments. An ideal opportunity for further networking and to discuss the day's stand-out talking points.

Thursday 7 March

Sandton Conference Center, Johannesburg, South Africa

08:30 - 09:00 NETWORKING REGISTRATION

Delegates yet yet to register may do so by collecting their delegate pack & event access pass (business card required), whilst networking and enjoying tea & coffee.

09:00 - 09:10 DAY TWO WELCOMING REMARKS

Summit Chair Prof. Jamal SAGHIR, Advisory Board Member, **GRV Global**

09:10 - 10:10 SESSION 6: COASTAL RESILIENCE IN AFRICA

Urban populations in Africa's Low Elevation Coastal Zones (LECZ) will increase by two-fold by 2030 and ten-fold by 2060, and the vulnerability of these coastal areas, cities and livelihoods are at significant risk. Urbanization and climate change will rapidly escalate coastal populations' exposure to Sea Level Rise (SLR), erosion, land subsidence and storm surges. Improving the capacity of coastal areas and cities to prepare, adapt, and grow must be a priority. Various programs are underway to address coastal resilience, including the West Africa Coastal Areas Management Program (WACA), which seek to:

- Improve the understanding of the interaction between human and environmental pressures.
- Design tailored city-level solutions to integrate coastal and urban resilience.

- Leverage public-private partnerships, external partnerships, or donor co-financing for multi-sector investment packages.

Session Chair: Benoît BOSQUET
Director - Environment & Natural Resources



The World Bank Group (WBG)

Jean-Pascal TORRETON, Head of IRD-CNRS-Cirad Joint Office in South Africa
IRD - Research Institute for Development; France

Werner MARITZ, Director Industry Strategy
Oracle Construction and Engineering

Louis Sourou BOSSA, Deputy Director of Programming & Foresight
Ministry of Living & Sustainable Development; Benin

10:00 - 10:10 AUDIENCE DISCUSSION; QUESTION & ANSWER SESSION

10:10 - 10:30 **SPOTLIGHT ADDRESS**
Hon. Onyoti Adigo NYIKWEC, Minister
Ministry of Agriculture & Food Security; South Sudan

10:30 - 11:00 **NETWORKING TEA & COFFEE BREAK**

11:00 - 12:30 **SESSION 7: ENERGY ACCESS & RENEWABLE ENERGIES**
Sustainable Development Goals aim to ensure affordable, reliable and modern energy for all by 2030. However, more than 600 million people currently live without access to reliable electricity in Africa. Significant investment is needed in order to close the gap and achieve universal energy access by 2030. There is a key need to identify, develop, and scale financial solutions that enable private sector capital to flow into energy access investments, including solutions for distributed generation, off-grid, and “last-mile” grid connection. These sustainable finance vehicles will:

- Offer returns for investors, while reducing emissions.
- Support improved livelihoods and give access to education opportunities.
- Reduce negative health impacts associated with carbon-intensive forms of energy production.
- Importance of addressing climate risks in design of large-scale Hydropower investments.

Session Chair: Mahama KAPPIAH, Executive Director
ECOWAS Centre for Renewable Energy & Energy Efficiency (ECREEE)



H.E. Dr. Yasmin FOUAD, Minister, **Ministry of Environment; Egypt**

Chris ANTONOPOULOS, CEO, **Lekela**

Sosten ZIUKU, Director for Energy Conservation & Renewable Energy
Ministry of Energy; Zimbabwe

Mwayi MKANTHAMA, Environmental Officer
Environmental Affairs Department, Ministry of Natural Resources, Energy & Mining; Malawi

Bruna CONSIGLIO, Business Developer, **Foundation Rural Energy Services**

Merrick KERR, Chief Commercial Officer, **Energy Vault**

Kannan LAKMEEHARAN, Partner, **McKinsey & Company**

12:20 - 12:30 AUDIENCE DISCUSSION; QUESTION & ANSWER SESSION

12:30 - 13:30 **NETWORKING LUNCH BREAK**

SUMMIT AGENDA

13:30 - 14:30 SESSION 8: SUSTAINABLE AGRICULTURE FOR SMALLHOLDERS

Countries in Sub-Saharan Africa remain among the most vulnerable in the world to the impacts of climate change, which are already a major cause of out-migration and poverty across West and Central Africa. Climate impacts on agriculture (which employs 60% of the workforce) will increase vulnerability and further threaten rural poverty. Key barriers to rural transformation and improved resilience in the region include a lack of land tenure, basic infrastructure, technology and knowledge, as well as insufficient access to well-organized markets and financial services, including credit and insurance. This session will focus on overcoming these barriers through:

- Development of new business models and approaches that are attractive to the financial sector and supportive of a paradigm shift toward low-emission, climate-resilient agriculture in a way that transforms the livelihoods of women and young people and increases food security and nutrition.
- Innovative and transformative financial instruments to mobilize climate investment to benefit smallholders and rural economies in West and Central Africa.

Session Chair: Mark CACKLER

Practice Manager - Agriculture Global Practice
Africa Region, **The World Bank Group (WBG)**



Hon. Onyoti Adigo NYIKWEC, Minister

Ministry of Agriculture & Food Security; South Sudan

Hon. Vangelis Peter HARITATOS, Deputy Minister

Ministry of Lands, Agriculture, Water, Climate & Rural Resettlement; Zimbabwe

Afeikhena JEROME, Special Advisor to the Commissioner for Rural Economy & Agriculture, **African Union Commission (AUC)**

Neil ROBERTSON, Managing Director, **Innovation Africa Limited**

Majola MABUZA, Programme Officer

Policy of Southern African Confederation Agricultural Unions (SACAU)

14:20 - 14:30 AUDIENCE DISCUSSION; QUESTION & ANSWER SESSION

14:30 - 15:30 SESSION 9: RESILIENT CITIES

Cities are critical players on climate change. Africa is currently the least urbanized continent however, its urbanization rate of 3.5 percent per year is the fastest in the world. Today, the number of Africans living in cities is 40% which is projected to grow to 50% by 2030; not forgetting, the urban population which needs to be accounted for. For this reason, cities are on the front-lines of climate action, making bold commitments around climate-resilient, low-carbon development pathways. To mobilize the finance needed to bring these commitments to fruition, policy-makers, the business community and all classes of investors must work together to pilot, implement, and scale-up sustainable investment models. Innovative financial instruments are needed to address market barriers and support the deployment of climate solutions in cities of developing countries. There are successful stories emerging from strong leadership in cities which can inspire action at scale.

Session Chair: Jack Jones ZULU

Economic Affairs Officer Urbanisation

& Development Section, **UN Economic Commission for Africa (ECA)**

H.E. Dr. Yasmin FOUAD, Minister, **Ministry of Environment; Egypt**



Aage JORGENSEN, Program Manager, **Nordic Development Fund (NDF)**

Lisa JUNGHANS, Climate Finance & Urban Resilience Expert

GIZ / eThekweni Municipality

Geoff TOOLEY, Senior Manager - Catchment Management

GIZ / eThekweni Municipality

15:20 - 15:30 AUDIENCE DISCUSSION; QUESTION & ANSWER SESSION

15:30 - 16:00 **NETWORKING TEA & COFFEE BREAK**

16:00 - 17:30 **SESSION 10: FINANCING CLIMATE RESILIENCE**

Countries have submitted their NDCs as called for under the Paris Agreement, and are now preparing their updates to the UNFCCC by 2020. These include estimates of financing needs, some of which are preconditioned on available financing. The climate financing gap has never been larger – especially in the face of urgent calls to step-up action and counter the growing emissions gap and adaptation deficit. These gaps are especially stark in Africa. Even as the Green Climate Fund continues its efforts to deliver, and the opportunities for Green Economies are hailed as the means to deliver, the bottlenecks in both “enabling” finance and “investment” for climate action need to be addressed. This session will discuss avenues, innovations and action which must be pursued.

Session Chair: Barry MAHER
Senior Risk Financing Specialist
The World Bank Group (WBG)



Alimata BAKAYOKO NEE KONE, Permanent Secretary
National Commission of the GEF

Ministry of Economics & Finance; Cote d'Ivoire

Isabel LEROUX, Program Manager, **Nordic Development Fund (NDF)**

Muhammed SAYED, Climate Finance Specialist
Development Bank of Southern Africa (DBSA)

Tom ANDERSEN, Head of EIB Regional Representation for Southern Africa & the Indian Ocean

European Investment Bank (EIB)

Birungi KORUTARO, Country Team Leader - Uganda, **Kilimo Trust**

Kofi ASUMADU, Head of Guarantees & Specialized Finance, **Afreximbank**

17:20 - 17:30 AUDIENCE DISCUSSION; QUESTION & ANSWER SESSION

17:30 - 18:00 **SESSION 11: CLOSING CEREMONY**

Summit Chair Prof. Jamal SAGHIR, Advisory Board Member, **GRV Global**
Andrew DOWELL, CEO, **GRV Global**

KEY PARTNERS

African Union Commission (AUC)

The Commission is the Secretariat of the Union entrusted with executive functions. It is composed of 10 Officials: A Chairperson, a Deputy Chairperson; Eight (8) Commissioners and Staff members. The structure represents the Union and protects its interest under the auspices of the Assembly of Heads of State and Government as well as the Executive Committee. The AU Commission is made up of Portfolios. They are: Peace and Security; Political Affairs; Trade and Industry; Infrastructure and Energy; Social Affairs; Rural Economy and Agriculture; Human Resources, Science and Technology; and Economic Affairs. The mission of the Commission is to become an efficient and value-adding institution driving the African integration and development process in close collaboration with African Union Member States, the Regional Economic Communities and African citizens.



The World Bank Group (WBG)

The World Bank Group is one of the world's largest sources of funding and knowledge for developing countries. It consists of five institutions: The International Bank for Reconstruction and Development (IBRD), International Development Association (IDA), International Finance Corporation (IFC), Multilateral Investment Guarantee Agency (MIGA), and International Centre for the Settlement of Investment Disputes (ICSID). Together, these institutions share a common commitment to reducing poverty, increasing shared prosperity, and promoting sustainable development.



UN Economic Commission for Africa (ECA)

Established by the Economic and Social Council (ECOSOC) of the United Nations (UN) in 1958 as one of the UN's five regional commissions, ECA's mandate is to promote the economic and social development of its member States, foster intra-regional integration, and promote international cooperation for Africa's development. Made up of 54 member States, and playing a dual role as a regional arm of the UN and as a key component of the African institutional landscape, ECA is well positioned to make unique contributions to address the Continent's development challenges.



African Development Bank (AfDB)

The African Development Bank Group (AfDB) is Africa's premier development finance institution. It comprises three distinct entities: the African Development Bank (AfDB), the African Development Fund (ADF) and the Nigeria Trust Fund (NTF). The bank has a physical presence in 34 African countries and an external office in Japan. In line with its High5 agenda, the African Development Bank strategically contributes to the economic development and social progress of its 54 regional member states.





Jack Jones Zulu, Economic Affairs Officer, UN Economic Commission for Africa (ECA)

A great event/platform for networking and information sharing by expert practitioners, including policy makers.



Chrispen Maseva, Chief Environmental and Social Sustainability Expert, Infrastructure Development Bank of Zimbabwe

This was a very well organised and fruitful summit. It was my first time attending but I learnt a lot of new ideas which will help my organisation in achieving its mandate.



Bright NTARE, Programme Manager, Rwanda Green Fund Fonerwa

This is one of the few summits I look forward to every year. The blend of public and private sector players make the experiences richer.



ACRIS IV POST-SUMMIT REPORT

The **GRV Global 4th Africa Climate Resilience Investment Summit (ACRIS IV)**, from 5th – 7th March 2019 was hosted by the South African Ministry of Environmental Affairs and was supported once more by the African Union Commission (AUC), World Bank Group (WBG) and the UN Economic Commission for Africa (ECA). ACRIS IV was also sponsored by The Nordic Development Fund (NDF) through the AFRI-RES (Africa Climate Resilient Investment Facility) Partnership and The Global Center on Adaptation of the Netherlands.

ACRIS IV welcomed almost 200 climate change and leading infrastructure experts across the two days in Johannesburg. The Summit actively facilitated direct engagement between public and private sector stakeholders through high-level plenary sessions, afternoon 1-2-1 matchmaking meetings, focussed exhibition and a range of networking & social functions, to achieve the common goal of advancing Africa's climate resilience agenda. On Tuesday evening, participants were able to complete registration and collect their Summit access passes before an 'ice-breaker' **Networking Reception** - an ideal opportunity for early introductions and discussions ahead of the main event whilst enjoying canapés and refreshments.

Wednesday 6th March 2019

On Wednesday morning, ACRIS IV commenced with **Panel 1: Opening Ceremony & Keynote Addresses** on 'Scaling up Ambition for Climate Action in Africa', with a warm welcome from Summit Chair Prof. Jamal SAGHIR, who

thanked the host South African Government, our partners: African Union Commission (AUC), World Bank Group (WBG) and the UN Economic Commission for Africa (ECA) for their tremendous support. Mr. SAGHIR set the tone for the forthcoming discussions by noting that the continent's progression is predicated on adaptation and long-term sustainability embedded into infrastructure, to address issues of roads, irrigation and climate vulnerabilities, which will require closer collaborations between the public and private sector.

Leading the first of the **Welcoming Remarks**, was Hon. Nomvula MOKONYANE, Minister of Environmental Affairs of the Government of South Africa, who stated that given the seriousness of climate change and the overwhelming evidence of environmental change globally, this timely Summit will serve to further stress the importance of the much-needed accelerated action to mitigate and adapt. With climate change identified as one of the top 5 risks faced by the world, the Intergovernmental Panel on Climate Change (IPCC) indicates that we have, at most, 12 years to make the drastic and unprecedented changes needed to prevent average global temperatures from rising beyond the Paris Agreement's 1.5 degrees Celsius target. She continued by stating that the continent needed to work together in integrating climate resilience in the planning and design of our energy, water and transport infrastructure amongst other key infrastructural development. H.E. MOKONYANE went on to further mention that in achieving such goals, the





private sector plays a pivotal role in bridging the climate finance gap which will require trillions of dollars to alleviate the vulnerabilities currently experienced on the continent and build on the work from COP 24.

Further **Introductory Remarks** came from H.E. Amb. Josefa Leonel Correia SACKO, Commissioner for Rural Economy & Agriculture of the African Union Commission (AUC) who depicted a compelling reality of Africa's vulnerability to climate change despite contributing the least to global warming, at only 3.8% of global greenhouse gas emissions. Hon. SACKO contended, in spite of the continent's low emissions, Africa had suffered the multidimensional impact of the climate phenomenon with extreme weather variations on agriculture, infrastructure, human health and the ecosystem - which has driven the displacement of inhabitants. She did, however, highlight the intensified efforts by African governments and international organisations to reduce the impact of climate change, by spending approximately 2% of GDP on adaptation. Although, some barriers and limitations remain and require a level of finance to tackle the investment gaps in key sectors such as agriculture, water, energy, transport and ecosystems. In summing, Ambassador SACKO forewarned of the 'global threat' that climate change poses, before calling on all participants to support resilience building on the continent in order to reduce migration, empower the youth and women to build a better Africa.

During his **Keynote Address** Mr. Paul NOUMBA UM, Country Director - South Africa, Botswana,

Eswatini, Lesotho, Namibia, Zambia & Zimbabwe; Africa Region of The World Bank Group (WBG) reemphasised the devastating reality which Africa is forced to grapple with - longer droughts, unpredictable rainfall and increased flooding, and despite this realisation, current levels of ambition fall short. He further added that

“there is no room for fragmented or solo action to meet the scale and urgency of the climate challenge”

but rather governments needed to “systemically embed solutions to climate risks into national development plans, regulatory policies and projects in every sector”.

Mr. UM shared details on the recent World Bank's initiatives, including their flagship approach of 'Maximising Finance for Development' which has led to the International Finance Corporation (IFC) mobilising \$1.5 billion for both adaptation and mitigation across Sub-Saharan Africa. The World Bank has also approved over 176 projects and \$17 billion in financing for climate-resilient and low-carbon development since 2015, all of which has yielded positive outcomes on the ground, through innovations in design and financing.

The final **Keynote Address** by Mr. Mohale RAKGATE, Group Executive - Project Preparation of the Development Bank of Southern Africa (DBSA) closed the morning welcome session with a few select words on the duty of the private sector to assist in the

ACRIS IV POST-SUMMIT REPORT



fight against climate change. Mr. RAKGATE started by acknowledging that public financial resources are limited and require scaling up by leveraging the private sector. However, once more, creating an enabling environment was identified as the main hindrance to development. Thus, DBSA are actively assisting in the SADC region and playing a critical role in implementing a framework to facilitate a better

climate finance scenario; garnering over R250 billion and supporting 55 projects and a further 6 projects through DBSA's accreditation by the environmental facility concessional global fund to work towards a greener portfolio.

The first of ACRIS IV's panel discussions started with **Panel 2: Managing Land & Water Resources in the Face of Climate Change** which was Chaired by Mr. Benoit BOSQUET, Director - Environment & Natural Resources of The World Bank Group (WBG) joined by Mr.



PANEL 2: SPEAKER QUOTES

MR. ALEX SIMALABWI, EXECUTIVE SECRETARY - GWPSA, GLOBAL LEAD - WATER CLIMATE RESILIENCE & HEAD OF AFRICA COORDINATION UNIT OF THE GLOBAL WATER PARTNERSHIP: Previous estimates suggest over \$90 billion a year is required to finance the infrastructure gap and the gap is widening.

MS. MAMPHELA RAMPHELE, CO-PRESIDENT OF THE CLUB OF ROME: The encouraging reality is that the African continent, although vulnerable, is also a continent with enormous resources, a rapidly growing population and has the capacity to develop resilience.

MR. ISLAM SABRY AL ZAYED, RESEARCHER & SENIOR TECHNICAL OFFICER OF THE NATIONAL WATER RESEARCH CENTER (NWRC) AT EGYPT'S MINISTRY OF WATER RESOURCES & IRRIGATION (MWRI): We need to cooperate and figure out how to increase water efficiency for the future.

MS. MANEL SALVADO TENESA, BUSINESS DEVELOPMENT DIRECTOR FOR AFRICA OF ALMAR WATER SERVICIOS ESPANA:

Authorities need to do something to ease the concerns and risk for investors.

MR. LEONARD MAGARA, PROJECTS DIRECTOR OF THE CLIMATE RESILIENT INFRASTRUCTURE DEVELOPMENT FACILITY (CRIDF): The call to action must start with appropriate leadership so that our politicians do what is best in the long term, not just what is expedient.

MR. DECLAN CONWAY, PROFESSORIAL RESEARCH FELLOW, GRANTHAM RESEARCH INSTITUTE ON CLIMATE CHANGE & THE ENVIRONMENT OF LONDON SCHOOL OF ECONOMICS & POLITICAL SCIENCE (VIRTUAL PANELLIST): Higher rainfall variabilities coupled with potential higher rates of evaporation will produce further disruptions and governance challenges for land management.



Alex SIMALABWI, Executive Secretary from the GWPSA, Global Lead - Water Climate Resilience & Head of Africa Coordination Unit of the Global Water Partnership (GWP), Ms. Mamphela RAMPHELE, Co-President of the Club of Rome, Mr. Islam Sabry AL ZAYED, Researcher & Senior Technical Officer of the National Water Research Center (NWRC) at Egypt's Ministry of Water Resources & Irrigation (MWRI), Mr. Manel SALVADO TENESA, Business Development Director for Africa of Almar Water Servicios Espana, Mr. Leonard MAGARA, Projects Director of Climate Resilient Infrastructure Development Facility (CRIDF) and virtual panellist Mr. Declan CONWAY, Professorial Research Fellow, Grantham Research Institute on Climate Change & the Environment of the London School of Economics & Political Science. Panel 2 focused on the mismanagement of Africa's abundant resources, which has contributed to the prolonged droughts and heatwaves that have worsened mass migration and food insecurity in recent years. Despite identifying the challenges

to the livelihoods of communities, a widening climate financial gap remains a pertinent issue in transforming the current situation; the same focused investment increase in the transport and highways sector, has not been afforded to water resource management. The consensus drawn from the panel cited leadership as the determining factor for change, calling for a leader with a progressive mindset to ensure resilience takes precedence over expedience. **Q&A:** in response to a question posed by Mr. Linus MOFOR, Senior Environmental Affairs Officer (Energy, Infrastructure & Climate Change) of the UN Economic Commission for Africa (ECA), on how to inspire political engagement and will, Mr. SIMALABWI noted that there is a clear disparity between the appetite for change and institutions which can help bring this change to fruition. Further adding that there needed to be a comprehensive African programme to fulfil the African Vision and investment issues.



ACRIS IV POST-SUMMIT REPORT



PANEL 3: SPEAKER QUOTES

HON. BATIO BASSIERE, MINISTER OF ENVIRONMENT, GREEN ECONOMY & CLIMATE CHANGE; BURKINA FASO:

We must study rural areas so adaptation will be meaningful for them.

MS. KANTA KUMARI RIGAUD, LEAD ENVIRONMENT SPECIALIST, REGIONAL CLIMATE CHANGE COORDINATOR - AFRICA REGION OF THE WORLD BANK GROUP (WBG):

Migration and displacement are the human face of climate change.

MR. ABDERRAHMANE KHECHA, SENIOR POLICY OFFICER WITHIN THE DEPARTMENT OF RURAL ECONOMY & AGRICULTURE AT THE AFRICAN UNION COMMISSION (AUC):

We need to make the relationship between climate and development more impactful at all levels, by engaging people and leveraging what we have, in order to create more advocacy.

MS. JEAN B. MUKUMWA, MONITORING & EVALUATION OFFICER OF THE PILOT PROGRAMME FOR CLIMATE RESILIENCE - NATIONAL PROJECT COORDINATION UNIT (PPCR NPCU) AT THE MINISTRY OF NATIONAL DEVELOPMENT PLANNING; ZAMBIA:

Going forward, if we are going to build resilience, leadership and the policy environment needs to support the initiatives you want to put in place.

PROF. BARBARA EVANS, CHAIR OF PUBLIC HEALTH ENGINEERING AND CO-DIRECTOR - CENTRE FOR GLOBAL DEVELOPMENT OF UNIVERSITY OF LEEDS (VIRTUAL PANELLIST):

Climate pressure can seem overwhelming, but it can force us to think about 'infrastructure' in a more systematic way.

Delegates returned to the Bill Gallagher Suite from a Networking Tea and Coffee Break to start **Panel 3: Climate Risk Management & Resilience: Stepping up our Game** Chaired by Mr. Charles REEVE, Team Leader of the Climate Resilient Infrastructure Development Facility (CRIDF) who was joined by Hon. Batio BASSIERE, Minister of Environment, Green Economy & Climate Change of Burkina Faso, Ms. Kanta Kumari RIGAUD, Lead Environment Specialist & Regional Climate Change Coordinator for the Africa Region of The World Bank Group (WBG), Mr. Abderrahmane KHECHA, Senior Policy Officer of the African Union Commission's (AUC) Department of Rural Economy & Agriculture, Ms. Jean B. MUKUMWA, Monitoring & Evaluation Officer of the Pilot Programme for Climate Resilience - National Project Coordination Unit (PPCR NPCU) of Zambia's Ministry of National Development Planning and virtual panellist Prof. Barbara EVANS, Chair of Public Health Engineering and Co-director - Centre for Global Development of the University of Leeds. Expanding on the views touched upon in panel 2, the panellists pushed the boundaries and understanding of climate resilience to include the wellbeing and humanitarian aspect, which is often overlooked. Extreme weather patterns have displaced millions of vulnerable individuals due to road network disruptions and pressure on the agriculture sector which has taken a toll on communities being able to thrive. Acknowledging the collective effort necessary to alleviate the challenges, initiatives such as the 'Green Tax' was encouraged to adjust behaviours and mindsets, which has been implemented in Burkina Faso. The West African nation implemented nonbiodegradable legislation so that consumers of plastic items are taxed. The generated income is then used to address environmental issues and open doors to sustainable green activities, in addition to building awareness and lifestyle changes, in heightening consideration for climate change. **Q&A:** asked to expand further on the 'eco villages' in Burkina Faso, Hon. BASSIERE explained that an extensive amount of planning is investing in these villages, with great consideration for: the pressure it may place on the ecosystem, the sustainability of the people in their habitat and the storage of energy, all playing a key role in managing resources.



PANEL 4: SPEAKER QUOTES



MR. LINUS MOFOR, SENIOR ENVIRONMENTAL AFFAIRS OFFICER (ENERGY, INFRASTRUCTURE & CLIMATE CHANGE) OF THE UN ECONOMIC COMMISSION FOR AFRICA (ECA): We need to move beyond 'political will' and have 'political action'.

MR. AAGE JORGENSEN, PROGRAM MANAGER OF THE NORDIC DEVELOPMENT FUND (NDF): Flexibility in design and investment is crucial if we want to move ahead, without this built-in to projects we are likely to fail.

MR. JASPER COOK, CHIEF TECHNICAL ADVISER OF THE UKAID-DFID FUNDED RECAP PROGRAMME: Climate change and its impact is blamed for what it shouldn't be; we build roads badly and maintain them even worse.

MS. WORKNESH MEKONNEN GONET, DIRECTOR & REPRESENTATIVE TO THE AU OF THE UNOPS ETHIOPIA OPERATIONAL HUB (ETHIOPIA, SUDAN & DJIBOUTI):

We need to close the gap between expert knowledge and political awareness by balancing the needs, sharing information and assessing our standards.

MR. JONATHAN FIRST, LEAD PRODUCT INNOVATION SPECIALIST OF PRODUCT INNOVATION, THE DEVELOPMENT BANK OF SOUTHERN AFRICA (DBSA): In Africa, there is enough money. Where the real challenge is, is taking projects from feasibility to bankability.

The themed discussions ended for day one with **Panel 4: Africa Climate Resilient Investment Facility (AFRI-RES) - Importance of Harnessing & Mobilizing Climate Resilient Knowledge for Climate Action** which was Chaired by Ms. Kanta Kumari RIGAUD, Lead Environment Specialist, Regional Climate Change Coordinator - Africa Region of The World Bank Group (WBG) and discussed with Mr. Linus MOFOR, Senior Environmental Affairs Officer (Energy, Infrastructure & Climate Change) of the UN Economic Commission for Africa (ECA), Mr. Aage JORGENSEN, Program Manager of the Nordic Development Fund (NDF), Mr. Jasper COOK, Chief Technical Adviser of the UKAID-DFID Funded ReCAP Programme, Ms. Worknesh Mekonnen GONET, Director & Representative to the AU of the UNOPS Ethiopia Operational Hub (Ethiopia, Sudan & Djibouti) and Jonathan FIRST, Lead Product Innovation Specialist of Product Innovation, of the Development Bank of Southern Africa (DBSA). The panel explored the potential process in attracting funding for projects and provided a sequence of steps to take projects from feasibility to bankability, avoiding the mismanagement of funds. First, it was advocated that government support was fundamental in the success of all projects, once

achieved, this is to be closely followed by the creation of an enabling environment facilitated through regulatory and legislative reformation, in addition to approaching projects with a catalytic mindset. However, such developments hinge on the increased involvement of the private for Africa to address their climate challenges. **Q&A:** considering the sheer number of projects that fail, Ms. Lisa JUNGHANS, Climate Finance & Urban Resilience Expert of GIZ / eThekweni Municipality asked how to bridge the financial gap in taking a project from feasible to bankable. In response, Mr. FIRST stated that there needed to be a thorough prefeasibility screening process to be able to make that connection, which will require a little money now to save a lot in the long-term.



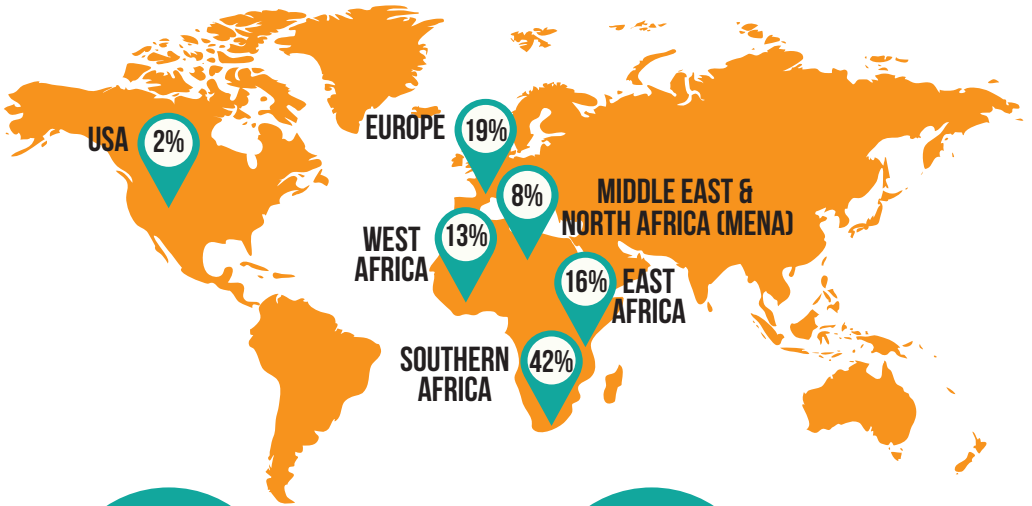


**Eng. Nkululeko Leta,
Deputy Team Leader -
Infrastructure, Research
for Community Access
Partnership (ReCAP)**

**A very informative
summit with diverse
issues dissected during
the sessions.**



GEOGRAPHICAL MAP OF ATTENDEES >



200
DELEGATES

6
EXHIBITORS

35
COUNTRIES

10
SPONSORS

ACRIS IV POST-SUMMIT REPORT

After an informative day of discussions, delegates enjoyed a networking lunch break generously sponsored by the Development Bank of Southern Africa (DBSA), before heading back inside for a session dedicated to the innovative technology and services within the region, entitled **Panel 5: Showcasing Technology, Innovation & Solutions**. This session, Chaired by **GRV Global's** CEO Andrew Dowell, provided an insight into the works already taking place on the continent and a demonstration of how the private sector fits into the climate resilient vision for Africa. The showcase consisted of Mr. Neil ROBERTSON, Managing Director of Innovation Africa Limited, Mr. Gary BROWN, Regional Consultant of Cambi, Mr. Colin LINDEQUE, General Manager of Namibia Biomass Industry Group (N-BiG), Mr. Manel SALVADO TENESA, Business Development Director Africa of Almar Water Servicios Espana, Mr. Romain PY, Head of Investments of African Infrastructure Investment Managers Pty Ltd, Mr. Gerard MARGARIT, Business Development Manager of GMV Aerospace and Defence S.A.U. and Mr. Chris WHYTE, Managing Director of USE-IT. Each presenter had exactly 10 minutes to share their successful and practical applications of technology and innovation - highlighting

financially-viable, climate resilient solutions in specific geographies.

Returning from the final Networking Tea and Coffee Break of the day, it was time for the much-anticipated afternoon **1-2-1 Matchmaking Meetings 'Cementing the Dialogue'**. In the weeks leading up to the event, delegates were able to identify their preferred matchmaking meetings, through **GRV Global's** secure scheduling website. Pre-event, meeting schedules are finalised and confirmed to all participants in order to maximise potential outcomes of **GRV Global's** personable format of 15-minute matchmaking meetings. Wednesday afternoon featured hundreds of one-to-one meetings with many organisations taking back-to-back meetings throughout. Participants were quick to identify their value and praised their efficiency.

After a long day of discussions, networking and matchmaking, **GRV Global** wanted to ensure all ACRIS IV participants had a taste of Johannesburg with an **Event Dinner** at the renowned Codfather Restaurant. The evening of great food and laughter created a relaxed environment to build and develop relations established earlier in the day.





Thursday 7th March 2019

The **Africa Climate Resilience Investment Summit (ACRIS IV)** delegates returned to the Sandton Convention Centre in the Bill Gallagher Suite, on Thursday 7th March, in high spirits after the inspiring talks from the previous day and enjoyable Event Dinner, before another warm welcome from Summit Chair Prof. Jamal SAGHIR. Mr. SAGHIR remarked on the important and substantive discussions from day 1, providing a brief summary of the more major talking points, before introducing the panel topics for Thursday's sessions. Day two's discussion panels started with **Panel 6: Coastal Resilience in Africa** Chaired by Mr. Benoît BOSQUET, Director - Environment & Natural Resources of The World Bank Group (WBG), joined by Jean-Pascal TORRETON, Head of IRD-CNRS-Cirad Joint Office in South Africa of IRD - the Research Institute for Development in France, Mr. Werner MARITZ, Director Industry Strategy of Oracle Construction and Engineering and Mr. Louis Sourou BOSSA, Deputy Director of Programming & Foresight of Benin's Ministry of Living & Sustainable Development. Panel 6 addressed the erosion of coastal areas and the natural defences, such as mangroves, that have failed to limit the gradual encroaching of coastal communities. Session Chair, Mr. BOSQUET, presented a visual representation of this via a short video that depicted the erosion of the West African Coast - further demonstrating that rising sea levels is only a minute aspect of the devastation that permeates beyond the coast but has implications for the wider economy due to the loss of jobs and higher urbanisation. In considering a remedy to this, it was suggested that there needed to be greater

PANEL 6: SPEAKER QUOTES ”

MR. JEAN-PASCAL TORRETON, HEAD OF IRD-CNRS-CIRAD JOINT OFFICE IN SOUTH AFRICA OF IRD - RESEARCH INSTITUTE FOR DEVELOPMENT; FRANCE: The resilience of society depends on its ability to organise appropriate defence strategies, transform the different occupations and uses of coastal area and translate this into regulations that encourages mobility.

MR. WERNER MARITZ, DIRECTOR INDUSTRY STRATEGY OF ORACLE CONSTRUCTION AND ENGINEERING: It is not sexy for governments to spend money on infrastructure maintenance. That needs to change.

MR. LOUIS SOUROU BOSSA, DEPUTY DIRECTOR OF PROGRAMMING & FORESIGHT OF THE MINISTRY OF LIVING & SUSTAINABLE DEVELOPMENT; BENIN: The best approach to coastal erosion should take into account the existing one.

installation of coastal defence infrastructure, with consideration for the fact that although the disturbing effects of climate change are similar across the continent, paradoxically, the approach needs to be tailored to the region in order to maximise the efficacy. **Q&A:** Ms. Mamphele RAMPHELE, Co-President of the Club of Rome, highlighted that there is a breakdown in communication and actions between scientists and politicians - the challenging question was asked

“how can the global economy protect the most vulnerable against the careless decisions of politicians?”

In response, Mr. TORRETON remarked that politicians are not aware of the limits of science, the time frame it needs and the way it functions - similarly, scientists fail to understand the limits of power and therefore need to develop clear channels of communication.

ACRIS IV POST-SUMMIT REPORT

Day two offered a **Spotlight Address** from Hon. Onyoti Adigo NYIKWEC, Minister of Agriculture & Food Security of South Sudan. Honourable NYIKWEC noted that climate change is already having an impact on agriculture and food security in South Sudan, as a result of increased unpredictability of weather patterns. Similarly, livelihood opportunities have diminished and are marred by fragmented markets coupled with a poorly developed private sector and further exhausted by longstanding conflicts. He continued by sharing the steps the South Sudanese Government have taken towards addressing the low agricultural productivity; the government has adopted the Comprehensive Agricultural Master Plan (CAMP) and Irrigation Development Master Plan (IDMP), in collaboration with the Japan International Corporation Agency (JICA), which falls under the comprehensive Africa Agriculture Development Program (CAADP) and AU/NEPAD, and has the goal of helping African nationals attain a higher level of economic growth through agriculture-led development. Delegates were able to digest Hon. NYIKWEC's thoughtful account of South Sudan's agriculture ambitions over light refreshments during a Networking Tea and Coffee Break before the next session.

Returning from the Networking Break, delegates headed back into the room for **Panel 7: Energy Access & Renewable Energies** Chaired by Mr. Mahama KAPPIAH, Executive Director of ECOWAS' Centre for Renewable Energy & Energy Efficiency (ECREEE) who was joined by H.E. Dr. Yasmin FOUAD,

Egypt's Minister of Environment, Mr. Chris ANTONOPOULOS, CEO of Lekela, Mr. Sosten ZIUKU, Director for Energy Conservation & Renewable Energy of Zimbabwe's Ministry of Energy, Mr. Mwayi MKANTHAMA, Environmental Officer of the Environmental Affairs Department at the Malawian Ministry of Natural Resources, Energy & Mining, Ms. Bruna CONSIGLIO, Business Developer of the Foundation Rural Energy Services, Mr. Merrick KERR, Chief Commercial Officer of Energy Vault and Mr. Kannan LAKMEEHARAN, Partner of McKinsey & Company. Panel 7 highlighted the economic practicality of investing in renewable energy. It was contended that due to the breadth of Africa, the possibility of connecting the entire continent to power appears unfeasible, particularly in more rural areas. However, we were reminded of the paragon that is Kenya and Rwanda, both of which have been able to harness the private sector to increase connectivity in rural and remote areas. In concluding the session, panellists asserted that a nation beginning its journey to green energy should not expect to benefit from lower prices initially, as it is vital to gain trust and prove that one can 'walk the talk' and demonstrate success before profiting from lower costs. **Q&A:** Mr. Hakim DJIBRIL, Director General - Agency for Domestic Energy & the Environment (AEDE) of Chad's Ministry of Environment, Water & Fisheries asked the panel to share what is the protocol of working with the private sector; whether the government should seek out partnerships or the private sector should introduce themselves accordingly.





PANEL 7: SPEAKER QUOTES



H.E. DR. YASMIN FOUAD, MINISTER OF ENVIRONMENT; EGYPT: It is critical to provide an enabling environment to have access to energy at the rural and urban level; to ensure we are all working together to face the impact of climate change and reach a shared consensus.

MR. CHRIS ANTONOPOULOS, CEO OF LEKELA: It is not that there isn't enough money, but the projects are not done in a way that they are financeable. The question is really 'what does it takes so money can flow quicker than in the past?'

MR. SOSTEN ZIUKU, DIRECTOR FOR ENERGY CONSERVATION & RENEWABLE ENERGY OF THE MINISTRY OF ENERGY; ZIMBABWE: We have finished constructing our energy policy to make sure we remove some the barriers and create an enabling environment.

MR. MWAYI MKANTHAMA, ENVIRONMENTAL OFFICER OF ENVIRONMENTAL AFFAIRS DEPARTMENT, MINISTRY OF NATURAL RESOURCES, ENERGY & MINING; MALAWI:

We need to ponder how much energy do we put into building awareness, so that our strategies reach the target group.

MS. BRUNA CONSIGLIO, BUSINESS DEVELOPER OF FOUNDATION RURAL ENERGY SERVICES: The government does not need to regard the private sector as competition but an ally.

MR. MERRICK KERR, CHIEF COMMERCIAL OFFICER OF ENERGY VAULT: The challenge for some is how store energy, especially in rural areas and wean society off fossil fuels.

MR. KANNAN LAKMEEHARAN, PARTNER OF MCKINSEY & COMPANY: Being clear about your goal and credible about your execution whilst keeping economic growth in mind, enables the private sector to follow.

In response, Ms. CONSIGLIO noted that FRES conduct 'country desk research' which begins the process to discern whether they can make a financially stable investment, but also are not opposed to being approached by governments.

Following a brief Networking Break came **Panel 8: Sustainable Agriculture for Smallholders** Chaired by Mr. Mark CACKLER, Practice Manager - Agriculture Global Practice Africa Region of The World Bank Group (WBG) and discussed with Hon. Onyoti Adigo NYIKWEC, Minister of the Agriculture & Food Security of South Sudan, Hon. Vangelis Peter HARITATOS, Deputy Minister

ACRIS IV POST-SUMMIT REPORT



PANEL 8: SPEAKER QUOTES

HON. ONYOTI ADIGO NYIKWEC, MINISTER OF AGRICULTURE & FOOD SECURITY;

SOUTH SUDAN: It is the responsibility of the government to support small farmers, because the climate situation has threatened their livelihood.

HON. VANGELIS PETER HARITATOS, DEPUTY MINISTER OF LANDS, AGRICULTURE, WATER, CLIMATE & RURAL RESETTLEMENT;

ZIMBABWE: We need to encourage farming as a viable business ... not everyone can be a miner or a banker, so we must encourage the use of the land fruitfully.

MR. AFEIKHENA JEROME, SPECIAL ADVISOR TO THE COMMISSIONER FOR RURAL ECONOMY & AGRICULTURE OF THE AFRICAN UNION COMMISSION (AUC);

Each year the challenges farmers face is bigger, from pests and drug resistant diseases to hotter temperatures for longer periods.

MR. NEIL ROBERTSON, MANAGING DIRECTOR OF INNOVATION AFRICA LIMITED;

LIMITED: The weather variations have made it hard for people to stay and driving the migration crisis in cities.

MR. MAJOLA MABUZA, PROGRAMME OFFICER - POLICY OF THE SOUTHERN AFRICAN CONFEDERATION OF AGRICULTURAL UNIONS (SACAU);

We know what the problems are and what the solutions are, the problem is in the 'doing'.

of the Lands, Agriculture, Water, Climate & Rural Resettlement for Zimbabwe, Mr. Afeikhena JEROME, Special Advisor to the Commissioner for Rural Economy & Agriculture of the African Union Commission (AUC), Mr. Neil ROBERTSON, Managing Director of Innovation Africa Limited and Mr. Majola MABUZA, Programme Officer - Policy of the Southern African Confederation of the Agricultural Unions (SACAU). The panel focused on the radical change needed to reinvigorate the farming sector and adopt

a climate smart approach to agriculture. The root of some of the failures are purported to be due to the extreme weather experienced; although farmers are familiar with the variations in weather, the increase in showers has proved disruptive and made it significantly harder to plan ahead and has destroyed as much as 50% of crop production. The panel advised that it is integral for governments to involve farmers in the decision-making process in issues pertaining to the sector to restore the industry which will inadvertently assist in reducing the carbon footprint, as the agriculture sector plays a meaningful role in extracting carbon from the atmosphere. **Q&A:** In reference to images shown of land rehabilitation in Ethiopia, Ms. Mamphela RAMPHELE, Co-President of the Club of Rome asked, "what models of development of small holders, would best suit the challenges and opportunities of climate change?". In response, Mr. MABUZA stated that there is no 'one size fits all' model, so it is necessary to know the farmers in each country and the different sectors.

The penultimate session to ACRIS IV was **Panel 9: Resilient Cities** which was Chaired by Mr. Jack Jones ZULU, Economic Affairs Officer of the Urbanisation & Development Section at the UN Economic Commission for Africa (ECA)





PANEL 9: SPEAKER QUOTES



H.E. DR. YASMIN FOUAD, MINISTER OF ENVIRONMENT; EGYPT: We must exert all our efforts to make changes now, we do not have another planet, there is no plan B.

MR. AAGE JORGENSEN, PROGRAM MANAGER OF THE NORDIC DEVELOPMENT FUND (NDF): What is needed is a more flexible approach that takes into account vulnerability and risk assessments so that millions of dollars are not wasted on big ‘master plans’ that tend to end up on the shelf.

MS. LISA JUNGHANS, CLIMATE FINANCE & URBAN RESILIENCE EXPERT OF GIZ / ETHEKWINI MUNICIPALITY: Cities can help reduce climate change, we just need to give them the capacity to make this happen.

MR. GEOFF TOOLEY, SENIOR MANAGER - CATCHMENT MANAGEMENT OF GIZ / ETHEKWINI MUNICIPALITY: We need to adopt the concept of ‘bouncing forward’ and not just bouncing back regarding resilience.

who welcomed to the panel H.E. Dr. Yasmin FOUAD, Egypt’s Minister of Environment, Mr. Aage JORGENSEN, Program Manager of the Nordic Development Fund (NDF), Ms. Lisa JUNGHANS, Climate Finance & Urban Resilience Expert of GIZ / eThekwini Municipality and also Mr. Geoff TOOLEY, Senior Manager - Catchment Management of GIZ / eThekwini Municipality. The panel considered growing urbanisation and development across Africa and the climatic

effects of this growing phenomenon. Observably, cities are power houses for economic growth and catalysts for development and innovation, however the current infrastructure lacks the resilience to support a stable growing population. To begin the process of building resilient cities, the panellists found that forming a network would ensure that cities do not waste funds and are able to learn and adapt solutions to fit their environment and needs.

ACRIS IV POST-SUMMIT REPORT

The closing themed discussion for the 4th **Africa Climate Resilience Investment Summit (ACRIS IV)** came after a final Networking Tea and Coffee Break. **Panel 10: Financing Climate Resilience** was chaired by Mr. Barry MAHER, Senior Risk Financing Specialist of The World Bank Group (WBG) who was joined by Ms. Alimata BAKAYOKO NEE KONE, Permanent Secretary of the National Commission of the GEF within Cote d'Ivoire's Ministry of Economics & Finance, Ms. Isabel LEROUX, Program Manager of the Nordic Development Fund (NDF), Mr. Muhammed SAYED, Climate Finance Specialist of the Development Bank of Southern Africa (DBSA), Mr. Tom ANDERSEN, Head of EIB Regional Representation for Southern Africa & the Indian Ocean of the European Investment Bank (EIB), Ms. Birungi KORUTARO, Country Team Leader - Uganda of the Kilimo Trust and Mr. Kofi ASUMADU, Head of Guarantees & Specialized Finance of Afreximbank. The final panel introduced the concept of 'blended finance' and how this can be used as an instrument to fund projects by using capital to assist private sector investment for sustainable projects, whilst offsetting some of the financial risk. After a thorough explanation, the discussion progressed to consider the inequalities in access to land for young people and women, arriving at the conclusion that deprivation of some limits the scope to transform the sector. **Q&A:** during this final session, Panel Chair Mr. MAHER asked,

“how do governments make funding available to respond to disasters?”

In response, Ms. BAKAYOKO NEE KONE drew on the actions of the Côte d'Ivoire government that mobilises the Ministry of Environment to assess the disaster and if needed, contacts the Ministry of Finance followed by a meeting of ministers to determine the necessary action and financial assistance required.

PANEL 10: SPEAKER QUOTES



MS. ALIMATA BAKAYOKO NEE KONE, PERMANENT SECRETARY OF THE NATIONAL COMMISSION OF THE GEF, MINISTRY OF ECONOMICS & FINANCE; COTE D'IVOIRE: Initial funding will never be enough, something has to be done at the national level.

MS. ISABEL LEROUX, PROGRAM MANAGER OF THE NORDIC DEVELOPMENT FUND (NDF): Separate to commercial investors, we are able to mitigate risk by providing capital at the early stage and mobilising funding.

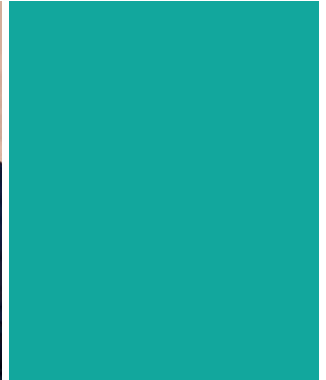
MR. MUHAMMED SAYED, CLIMATE FINANCE SPECIALIST OF THE DEVELOPMENT BANK OF SOUTHERN AFRICA (DBSA): Having the political will and certainty is important to leverage private capital.

MR. TOM ANDERSEN, HEAD OF EIB REGIONAL REPRESENTATION FOR SOUTHERN AFRICA & THE INDIAN OCEAN OF THE EUROPEAN INVESTMENT BANK (EIB): It is important to not think you know the market better than the market knows itself.

MR. BIRUNGI KORUTARO, COUNTRY TEAM LEADER - UGANDA OF THE KILIMO TRUST: There are funders, but all are working in silence supporting small holder farms with little synergy and as a result a duplication of resources.

MR. KOFI ASUMADU, HEAD OF GUARANTEES & SPECIALIZED FINANCE OF AFREXIMBANK: We can further support climate sustainability by promoting intra-Africa trade.





With all discussions concluded, matchmaking meetings held and networking functions enjoyed, it was left for Summit Chair, Prof. Jamal SAGHIR to lead the **Closing Ceremony** with final remarks on **GRV Global's 4th Africa Climate Resilience Investing Summit**. Mr. SAGHIR commented on the evolving nature of the green economy which may benefit from the technology innovation displayed at the Summit. He also provided a thorough summary of all the themed panels across the two days, particularly noting the challenging financial gap which could receive an injection through the blended finance initiative. In closing, he further thanked the South African Government for their kind hosting of **ACRIS IV**, and all participants for their thought-provoking discussion and

commitment across the two days - to inspire change and tackle Africa's climate resilience issues with practical solutions before handing over to **GRV Global's** CEO, Andrew DOWELL. Mr. DOWELL took the liberty of thanking all the local suppliers for their hard work in helping **GRV Global** produce a world-class event, with special thanks to all the Summit Sponsors in the room for their valuable support - for making **ACRIS IV** possible. Lastly, Mr. DOWELL formally inviting everyone to attend the upcoming Resilient Infrastructure Forum (RIF) taking place in Bogotá, Colombia on 4 - 6 June 2019 which will focus on resilient infrastructure investment and development across the Latin America, Caribbean and Gulf of Mexico region... **ACRIS** delegation, until next year!



Safe and Sustainable Transport for Rural Communities

Six-year programme (2014-2020) supporting research into Low Volume Roads and Transport Services in Sub-Saharan Africa and South Asia.

ReCAP focuses on the key pillars of Sustainable Rural Mobility: access provision, access preservation and access services.

ReCAP's aims are to strengthen the evidence base on cost-effective and reliable low volume roads and transport services and to influence policy and practice.

Key flagship research undertakings address Climate resilience of rural road networks, Effective road asset management, improvements of First Mile access for small-holder farmers and the development of guidelines and manuals through Back Analysis of historic rural road performance, among other topics.



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| <p>1 Afreximbank</p> <hr/> <p>2 African Risk Capacity (ARC)</p> <hr/> <p>3 African Union Commission (AUC)</p> <hr/> <p>4 Climate Resilient Infrastructure Development Facility - CRIDF</p> <hr/> <p>5 Club of Rome</p> <hr/> <p>6 Department of Roads; Zimbabwe</p> <hr/> <p>7 Development Bank of Southern Africa - DBSA</p> <hr/> <p>8 East African Chamber of Commerce, Industry & Agriculture (EACCIA)</p> <hr/> <p>9 Eastern Africa Power Pool (EAPP)</p> <hr/> <p>10 Eastern Nile Technical Regional Office (ENTRO)</p> <hr/> <p>11 ECOWAS Centre for Renewable Energy & Energy Efficiency (ECEEE)</p> <hr/> <p>12 Electricity Regulatory Authority (ERA); Uganda</p> <hr/> <p>13 European Investment Bank (EIB)</p> <hr/> <p>14 Global Water Partnership</p> <hr/> <p>15 Government of South Africa</p> <hr/> <p>16 Institute for Conservation of Environment (INCOMA)</p> <hr/> <p>17 IRD - Research Institute for Development; France</p> <hr/> <p>18 Kilimo Trust</p> <hr/> <p>19 Ministry of Agriculture & Food Security; South Sudan</p> <hr/> <p>20 Ministry of Energy; Zimbabwe</p> <hr/> <p>21 Ministry of Environment; Egypt</p> <hr/> <p>22 Ministry of Environment, Agriculture & Livestock; Burundi</p> <hr/> <p>23 Ministry of Environment, Climate Change & Natural Resources; The Gambia</p> <hr/> <p>24 Ministry of Environment, Forest & Climate Change; Ethiopia</p> <hr/> <p>25 Ministry of Environment, Green Economy & Climate Change; Burkina Faso</p> <hr/> | <p>26 Ministry of Environment, Waters & Forestry; Guinea</p> <hr/> <p>27 Ministry of Lands, Agriculture, Water, Climate & Rural Resettlement; Zimbabwe</p> <hr/> <p>28 Ministry of Lands, Housing & Environment; Sierra Leone</p> <hr/> <p>29 Ministry of Living & Sustainable Development; Benin</p> <hr/> <p>30 Ministry of National Development Planning; Zambia</p> <hr/> <p>31 Ministry of Natural Resources, Energy & Mining; Malawi</p> <hr/> <p>32 Ministry of the Environment, Urban Sanitation & Sustainable Development; Niger</p> <hr/> <p>33 Ministry of Water Resources & Irrigation (MWRI); Egypt</p> <hr/> <p>34 Mozambique Coastal Cities Adaptation Program (CCAP)</p> <hr/> <p>35 National Commission of the GEF, Ministry of Economics & Finance; Cote d'Ivoire</p> <hr/> <p>36 Nordic Development Fund (NDF)</p> <hr/> <p>37 Prevention Unit & Emergency Management; Madagascar</p> <hr/> <p>38 Rwanda Green Fund Fonerwa</p> <hr/> <p>39 Southern African Confederation of Agricultural Unions (SACAU)</p> <hr/> <p>40 Southern African Power Pool (SAPP)</p> <hr/> <p>41 UN Economic Commission for Africa (ECA)</p> <hr/> <p>42 UNFCCC - United Nations Framework Convention on Climate Change</p> <hr/> <p>43 UNOPS Ethiopia Operational Hub (Ethiopia, Sudan & Djibouti)</p> <hr/> <p>44 World Bank Group (WBG)</p> <hr/> <p>45 Zimbabwe National Water Authority (ZINWA)</p> <hr/> |
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ROUNDTABLE PROFILES

AFREXIMBANK

The African Export Import Bank (the “Bank”) was established in Abuja, Nigeria in October 1993 by African Governments, African private and institutional investors as well as non-African financial institutions and private investors for the purpose of financing, promoting and expanding intra-African and extra-African trade. The Bank was established under the twin constitutive instruments of an Agreement signed by member States and multilateral organizations, and which confers on the Bank the status of an international multilateral organization; as well as a Charter, governing its corporate structure and operations, signed by all Shareholders. The authorized share capital of the Bank is Five Billion United States Dollars (US\$5 billion). The Bank, headquartered in Cairo, the capital of the Arab Republic of Egypt, commenced operations on 30 September 1994, following the signature of a Headquarters Agreement with the host Government in August 1994. It has branch offices in Harare, Abuja, Abidjan and Nairobi.



AFRICAN RISK CAPACITY (ARC)

The African Risk Capacity (ARC) was established by the African Union (AU) in 2012 as an African owned, index-based weather risk insurance pool and early response mechanism that combines the concepts of early warning, disaster risk management, and risk finance. ARC’s mission is to develop a pan-African natural disaster response system that enables African governments to meet the needs of people at risk to natural disasters (ARC 2016).



ARC is comprised of two entities: ARC Agency and its financial affiliate, ARC Limited. The ARC Agency is the capacity building, educational, and advocacy arm of ARC, responsible for making AU Member States and the broader public aware of ARC’s mission and goals. Engagement of countries with ARC includes a 9-12 month capacity building programme on the elements of early warning, risk modelling (particularly Africa Risk View (ARV), ARC’s proprietary software application which combines rainfall data with information on crop parameters and vulnerability data to estimate drought-related response costs and define triggers for the parametric insurance), contingency planning, disaster risk management and risk financing. ARC Limited is a sovereign level mutual insurance company that provides weather index based insurance coverage to Member States.

AFRICAN UNION COMMISSION (AUC)

The Commission is the Secretariat of the Union entrusted with executive functions. It is composed of 10 Officials: A Chairperson, a Deputy Chairperson; Eight (8) Commissioners and Staff members. The structure represents the Union and protects its interest under the auspices of the Assembly of Heads of State and Government as well as the Executive Committee. The AU Commission is made up of Portfolios. They are: Peace and Security; Political Affairs; Trade and Industry; Infrastructure and Energy; Social Affairs; Rural Economy and Agriculture; Human Resources, Science and Technology; and Economic Affairs. The mission of the Commission is to become an efficient and value-adding institution driving the African integration and development process in close collaboration with African Union Member States, the Regional Economic Communities and African citizens.



CLIMATE RESILIENT INFRASTRUCTURE DEVELOPMENT FACILITY - CRIDF

The Climate Resilient Infrastructure Development Facility (CRIDF) is a DFID (UK Aid) supported programme working to provide long-term infrastructure solutions to water issues that affect the lives of the poor in Southern Africa.



CLUB OF ROME

The Club of Rome is an organisation of individuals who share a common concern for the future of humanity and strive to make a difference. Our members are notable scientists, economists, businessmen and businesswomen, high level civil servants and former heads of state from around the world. Their efforts are supported by the Secretariat in Winterthur, Switzerland, the European Research Centre registered in Constance, Germany and National Associations in more than 30 countries.

The Club of Rome conducts research and hosts debates, conferences, lectures, high-level meetings and events. The Club also publishes a limited number of peer-reviewed "Reports to the Club of Rome", the most famous of which is "The Limits to Growth". The Club of Rome's mission is to promote understanding of the global challenges facing humanity and to propose solutions through scientific analysis, communication and advocacy. Recognising the interconnectedness of today's global challenges, our distinct perspective is holistic, systemic and long-term.



DEPARTMENT OF ROADS; ZIMBABWE



DEVELOPMENT BANK OF SOUTHERN AFRICA - DBSA

The DBSA is a leading African development finance institution that promotes economic and social development, growth and regional integration through infrastructure finance and development. The DBSA delivers infrastructure in the transport, energy, water and ICT sectors, with a secondary focus on health and education - offering an integrated suite of solutions across the infrastructure value chain.



EAST AFRICAN CHAMBER OF COMMERCE, INDUSTRY & AGRICULTURE (EACCIA)

The East African Chamber of Commerce, Industry and Agriculture (EACCIA) has been in existence since September 2005. It was originally launched in Arusha, Tanzania, in February 2006 and owned by the three national chambers from the states which were members of the East African Community (EAC) at that time, namely: Kenya, Uganda, and Tanzania. It has since evolved to incorporate all other chambers and private sector federations throughout the EAC. Broadly speaking, its main objective is to lobby the regional governments for the creation of a conducive business environment. The chamber is expected to dialogue with various organs of the East African Community, national, as well as international institutions, impacting on business to facilitate this. Apart from its advocacy role, the EACCIA is also expected to undertake some development projects on behalf of its constituent Chambers. This includes coordinating many of the PPP related projects by assisting in the creation of local consortia, which can bid for a large development project initiated by national governments in the region.



ROUNDTABLE PROFILES

EASTERN AFRICA POWER POOL (EAPP)

The Eastern Africa Power Pool (EAPP) was established in 2005 with the signing of an Inter-Governmental Memorandum of Understanding (IGMOU) by seven Eastern Africa countries, namely: Burundi, Democratic Republic of Congo (DRC), Egypt, Ethiopia, Kenya, Rwanda and Sudan. In further development, EAPP was adopted as a specialized institution to foster power system interconnectivity by the heads of states of the Common Market for Eastern and Southern Africa (COMESA) region. Tanzania, Libya and Uganda have joined EAPP in March 2010, February 2011 and December 2012 respectively. Our main objective is the optimum development of energy resources in the region and to ease the access to electricity power supply to all people of the countries in the Eastern Africa Region through the regional power interconnections.



EASTERN NILE TECHNICAL REGIONAL OFFICE (ENTRO)

The Eastern Nile Technical Regional Office (ENTRO) is one of the three Centres of the Nile Basin Initiative (NBI) which was established in 1999. ENTRO, headquartered in Addis Ababa, Ethiopia, is the executive arm of the Eastern Nile Subsidiary Action Program (ENSAP) which covers Ethiopia, Egypt, Sudan and South Sudan. Its establishment was in tandem with and in response to the ebbs and flows of Nile Basin Initiative/Eastern Nile cooperation, and has undergone several organizational transformations - a process still unfolding.



ENTRO supports Eastern Nile Council of Ministers (ENCOM) and Eastern Nile Subsidiary Action Program Team (ENSAPT) in preparing cooperative water resources investment programs and projects, capacitating and strengthening institutions and providing secretariat support to its governance. ENTRO mainly focuses on preparation and implementation of Transboundary Water Resources Development Projects in areas of Hydropower, Power Trade and Interconnection, Irrigation and Drainage, Watershed Management, Dam safety and coordinated operation of cascade dams.

ECOWAS CENTRE FOR RENEWABLE ENERGY & ENERGY EFFICIENCY (ECREEE)

ECREEE aspires to contribute to the sustainable economic, social and environmental development of West Africa by improving access to modern, reliable and affordable energy services, energy security and reduction of negative environmental externalities of the energy system (e.g. GHG emissions, local pollution). ECREEE aims to create favourable framework conditions, and an enabling environment for renewable energy and energy efficiency markets by supporting activities directed at mitigating existing barriers within the technological, financial, economic, business, legal, policy, institutional, knowledge and capacity-building framework. The indicators to measure the progress in the areas of capacity and policy development, knowledge management, as well as investment and business promotion are available in the ECREEE Business Plan.



ELECTRICITY REGULATORY AUTHORITY (ERA); UGANDA

The Electricity Regulatory Authority (ERA) of Uganda is a statutory body established in the year 2000 in accordance with the Electricity Act of 1999 to regulate the generation, transmission, distribution, sale, export & import of electricity. Over the last two decades, the ERA has overseen the growth in licensing and development of Renewable Energy Projects from 3 in year 2000 to 22 in 2018 that are already in operation. This is in addition to over 25 more projects that are in various stages of development. ERA also put in place environmental compliance mechanisms to enforce both national and international environmental standards.



EUROPEAN INVESTMENT BANK (EIB)

The European Investment Bank is the largest multilateral provider of climate financing in the world promoting environmental projects in the EU and beyond. In 2018, the European Investment Bank exceeded its climate action target for the ninth year running, providing EUR 16.1 billion to fight climate change. That's over 29% of all our financing.



GLOBAL WATER PARTNERSHIP

The Global Water Partnership (GWP) is a global action network with over 3,000 Partner organisations in 179 countries. The network has 65 accredited Country Water Partnerships and 13 Regional Water Partnerships. The network is open to all organisations involved in water resources management: developed and developing country government institutions, agencies of the United Nations, bi- and multi-lateral development banks, professional associations, research institutions, non-governmental organisations, and the private sector. GWP's action network provides knowledge and builds capacity to improve water management at all levels: global, regional, national and local. GWP does not operate alone. Its networking approach provides a mechanism for coordinated action and adds value to the work of many other key development partners. GWP is a large, diverse, inclusive, multi-stakeholder partnership that supports communities and countries to improve the way they manage water. Put simply, we're about bringing water users together (that's everyone) to solve water problems.



GOVERNMENT OF SOUTH AFRICA

The Department of Environmental Affairs is mandated to give effect to the right of citizens to an environment that is not harmful to their health or wellbeing, and to have the environment protected for the benefit of present and future generations. To this end, the department provides leadership in environmental management, conservation and protection towards sustainability for the benefit of South Africans and the global community.



INSTITUTE FOR CONSERVATION OF ENVIRONMENT (INCOMA)

INCOMA, the Institute for Conservation of Environment is a group of technicians working under Equatorial Guinea's Ministry of Forestry & Environment. The institution has been in force since 2016, to ensure the country's environment conservation by conducting inspections of different companies and collaborating on projects with our ministry and other international organizations.



ROUNDTABLE PROFILES

IRD - RESEARCH INSTITUTE FOR DEVELOPMENT; FRANCE

IRD is a French public institution under the dual supervision of the Ministries of Higher Education, Research and Innovation and Europe and Foreign Affairs. Through its network and its presence in some fifty countries, it carries an original approach of research, expertise, training and sharing of knowledge for the benefit of territories and countries that make science and innovation one of the first levers of their development.

Scientific advances are necessary to advance sustainable and human development: this conviction, the IRD carries it wherever it is present, wherever it works with its partners. The IRD is a major French player in the international development agenda. Its model is original: the fair scientific partnership with developing countries, mainly those of the intertropical regions and the Mediterranean area. The priorities of the IRD are part of the implementation, together with a critical analysis, of the Sustainable Development Goals (SDGs) adopted in September 2015 by the United Nations, with the aim of guiding development and development policies.



KILIMO TRUST

Kilimo Trust (KT) is a not-for-profit organization working on agriculture for development across the East Africa community - in Kenya, Rwanda, Tanzania, Uganda and Burundi. Kilimo Trust has increasingly become the go to partner for market-led agricultural value chain development in the region. We seek to be an implementing partner of choice for EAC governments, the private sector, regional and international development partners. KT is registered in the Republic of Uganda as a fully-fledged Trust with subsidiaries in Kenya, Rwanda and Tanzania. Our vision is to see "sustained and equitable wealth creation, food and nutrition security for smallholder farmers and other VC actors". The mission is to make agri-business a transformative tool for wealth creation, food and nutrition security for smallholder farmers and other VC actors.



MINISTRY OF AGRICULTURE & FOOD SECURITY; SOUTH SUDAN



MINISTRY OF ENERGY; ZIMBABWE

The Ministry of Energy and Power Development of the Republic of Zimbabwe superintends over the Electricity, petroleum, renewable energy and all other energy related issues in Zimbabwe. The vision of the Ministry is to ensure universal access to sustainable energy in Zimbabwe by 2030. This will be achieved by formulating and implementing effective policies and regulatory frameworks. The leadership of the Ministry consists of the Minister (Hon. J. M. Gumbo), the Deputy Minister (Hon. M. Mudyiwa), the Permanent Secretary (Dr G. Magombo) and four Directors heading the Power, Petroleum, Renewable Energy and Administration departments. The Ministry gives policy guidance and direction to 8 parastatals including the state-owned utility ZESA holdings.



MINISTRY OF ENVIROMENT; EGYPT

The mission of Egypt's Ministry of Environment is to formulate environmental policies, by preparing the necessary plans for environmental protection and environmental development projects, following up their implementation, and undertaking pilot projects. The Ministry is the National Authority in charge of promoting environmental relations between Egypt and other States, as well as Regional and International Organizations.



MINISTRY OF ENVIRONMENT, AGRICULTURE & LIVESTOCK; BURUNDI

Burundi's Ministry of the Environment, Agriculture & Livestock has the main missions: design, plan, coordinate & implement the national policy on environment, agriculture & livestock; Ensure the food security of the population through the promotion of food crops and animal & environmental production; Develop & implement, in collaboration with the relevant ministries, the national policy for soil protection & fertilization; Promote the conservation, storage and processing of agricultural & livestock products; Develop & implement national policies for the protection of land for agriculture & the establishment of hydro-agricultural infrastructure; and Develop & monitor the Ministry's investment projects.



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ROUNDTABLE PROFILES

MINISTRY OF ENVIRONMENT, CLIMATE CHANGE & NATURAL RESOURCES; THE GAMBIA



MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE; ETHIOPIA

Environment, Forest and Climate Change Commission is the lead government body responsible and legally mandated for environmental management. The vision of Environment, Forest and Climate Change Commission is to ensure a clean and healthy environment in Ministry of Environment, Forest and Climate Change, Ethiopia. As a result, it's to create a better living environment to meets the needs of the present generation without compromising the ability of future generations to meet their own needs. The Commission is responsible to ensure the realization of the environmental rights, goals, objectives and basic principles enshrined in the Federal Democratic Republic of Ethiopia Constitution as well as the Environment Policy.



MINISTRY OF ENVIRONMENT, GREEN ECONOMY & CLIMATE CHANGE; BURKINA FASO

At the end of the decree N ° 2017-0148 / PRES / PM / SGG-CM of March 23rd, 2017 relating to the attribution of the members of the Government of Burkina Faso, the Ministry of the Environment, the Green Economy and Climate Change (MEEVCC) was formed. Its mission is to ensure the implementation and monitoring of the Government's policy on the environment, green economy and climate change. The MEEVCC focuses on a five-point program: sustainable management of forest and wildlife resources; environmental sanitation and improvement of the living environment; environmental governance and sustainable development; green economy and climate change; steering and support.



MINISTRY OF ENVIRONMENT, WATERS & FORESTRY; GUINEA

The Ministry of Environment, Waters and Forestry's Environmental Safeguard Fund (Guinea) is a public institution with an administrative character, with legal personality, management and financial autonomy, funded by state subsidies, taxes and environmental fees. It is headed by a Director General assisted by a Deputy Director General both appointed by Decree of the President of the Republic. The deliberative body is the Board of Directors, whose members are chosen from Technical Departments which have the same characteristics as the Environment, also appointed by Decree of the President of the Republic.



MINISTRY OF LANDS, AGRICULTURE, WATER, CLIMATE & RURAL RESETTLEMENT; ZIMBABWE



MINISTRY OF LANDS, HOUSING & ENVIRONMENT; SIERRA LEONE

The Ministry of Lands, Housing & Environment in Sierra Leone is mandated to provide effective stewardship in land management and administration and promote environmental sustainability whilst providing affordable housing with the view of alleviating poverty and promoting economic growth. In doing so, the Ministry promotes an inclusive and participatory approach involving traditional leaders, local authorities and community in the management and administration of all land matters. Its vision is to have a nation with well-planned and resilient town and cities with secure tenure for land and housing meeting emerging environmental challenges. The Ministry has three key departments; the Surveys and Lands Division, the Housing and Planning Division, and the Environment Division.



MINISTRY OF LIVING & SUSTAINABLE DEVELOPMENT; BENIN



MINISTÈRE DU CADRE DE VIE
ET DU DÉVELOPPEMENT DURABLE
REPUBLIQUE DU BENIN

MINISTRY OF NATIONAL DEVELOPMENT PLANNING; ZAMBIA

The PPCR - National Project Coordination Unit helps Government mainstream climate change into the most economically important and vulnerable sectors of the economy in order to ensure sustainable economic development towards the attainment of Zambia's Vision 2030. The PPCR - NPCU also coordinates implementation of resilience building projects in selected parts of the country including Southern, Lusaka, Central and Western provinces, helping vulnerable communities adapt to the effects of climate change and climate variability. The PPCR facilitates the mainstreaming of climate change in development, at national, district and sub-district levels. The PPCR also undertakes budget tracking to assess how much resources are planned and disbursed to climate resilient programs and investments thereby promoting a nationwide response to climate change and ensuring sustainability beyond donor financing. At community level, the PPCR supports communities to undertake Climate Risk Assessments to establish climate risks that each community is exposed to and thereafter effectively plan for adaptation/mitigation interventions that can reduce exposure to these risks/hazards promoting local level resilience.



MINISTRY OF NATURAL RESOURCES, ENERGY & MINING; MALAWI

The Ministry's mandate is to "conserve, protect and manage the environment, forest, climate, climate change and natural resources for sustainable socio-economic development of Malawi". Its vision is to have "A nation that sustainably develops, utilizes, and manages the environment, climate change, forests and other natural resources for the present and future generations." Its mission is "To sustainably manage environment, forest, climate, climate change and other natural resources for socio-economic development of Malawi". In attaining its mandate, vision and mission, the sector deploys four programs namely the Climate Change and Meteorological services, Environmental, Forestry and Policy and Administrative Management.



MINISTRY OF THE ENVIRONMENT, URBAN SANITATION & SUSTAINABLE DEVELOPMENT; NIGER



ROUNDTABLE PROFILES

MINISTRY OF WATER RESOURCES & IRRIGATION (MWRI); EGYPT

National Water Research Center (NWRC) (established in 1975) is the research arm of the Ministry of Water Resources and Irrigation of Egypt. It conducts various water research activities in Arab-region, Africa and worldwide. NWRC is a center of excellence that possesses the knowledge and expertise in water resources, dedicated to conduct applied research. The NWRC has 12 institutes which aim to conduct researches on: development of non-conventional water resources, improving water use efficiency, assessing the impact of Climate Change on surface and groundwater resources, environmental science and sustainable development, and optimizing the hydraulic structures for optimum water control and water distribution.



MOZAMBIQUE COASTAL CITIES ADAPTATION PROGRAM (CCAP)

Home to 60 percent of the country's population, Mozambique's coastal cities drive national economic development. However, due to their locations, they are also some of the most vulnerable cities in Africa - they are exposed to rises in sea level, cyclones, erosion, tropical storms, and other effects of climate change. The USAID Coastal City Adaptation Project (CCAP) works with five cities — Pemba, Quelimane, Nacala, Mocimboa da Praia, and Ilha de Moçambique — to protect livelihoods from the effects of climate change and improve residents' lives. The project applies solutions that strengthen community resilience in the cities by, for example, disseminating pertinent information about weather and assisting citizens with the restoration and management of critical resources, including green infrastructure. CCAP also improves the way that municipalities prepare for and respond to natural disasters.



NATIONAL COMMISSION OF THE GEF, MINISTRY OF ECONOMICS & FINANCE; COTE D'IVOIRE

The National Commission of the Global Environment Facility (CN/GEF), was created in the Office of the Prime Minister, Budget & State Portfolio; the Ministry of Economy & Finance houses its Permanent Secretariat. The Commission is a national framework for consultation and coordination of activities of the Global Environment Facility (GEF), with a view to promoting the protection of the global environment and sustainable development. The Commission relies on the following three bodies for its operation: The Orientation Council; The Technical Committee; and The Permanent Secretariat.



NORDIC DEVELOPMENT FUND (NDF)

Established by the five Nordic countries (Denmark, Finland, Iceland, Norway and Sweden), NDF is the only joint Nordic finance institution focusing exclusively on climate change and development in low-income countries. NDF finances climate-related projects in Africa, Asia and Latin America, usually in collaboration with trusted partners including other Nordic and international financial institutions, multilateral development banks and aid agencies.



Nordic Development Fund

We flexibly use grants and other innovative forms of support, striving to add value beyond financing through interventions with good prospects for upscaling and replication. NDF's total assets amount to approximately EUR 850 million, with around EUR 45-55 million allocated each year to meet new commitments.

PREVENTION UNIT & EMERGENCY MANAGEMENT; MADAGASCAR

The CPGU - Cellule de Prévention et Gestion des Urgences (Prevention Unit and Emergency Management) performs permanent technical support attached to the Office of the Prime Minister, whose main mission is to assist and support the Prime Minister and the CNGRC (National Council for Risk and Disaster Management). The CPGU main missions are to ensure: The elaboration, development, supervision and updating of the National Plan of Disaster and Risk Management (DRM) Policy and Strategy, and its Action Plan; The promotion and integration of Disaster Risk Reduction into sectoral development policies; The reinforcement of the prevention and mitigation actions at sectoral and community level of the effects of the hazards likely; Strengthening community resilience and territory by reducing physical, functional and structural vulnerabilities; The establishment of economic atlases and the risk profile throughout the country; Support for implementation of development projects related to risk and vulnerability reduction and climate resilience monitoring; Evaluation of the implementation by public bodies acting in emergency situations of actions included in the dynamics of DRM and adaptation to climate change; and Humanitarian emergency interventions support.



RWANDA GREEN FUND FONERWA

Rwanda's Green Fund (FONERWA) is a groundbreaking environment and climate change fund. Its purpose is to be the engine for the next 50 years of green growth in Rwanda, while serving as a touchstone for Africa and the rest of the world. Its strategy is to provide unheralded technical and financial support to the best public and private projects that align with Rwanda's commitment to a green economy.

Established in 2012, FONERWA, the fund for environment and climate change, finances activities aimed at promoting green growth, environmental protection and climate resilience in Rwanda. The fund will allocate a minimum of 20% of its resources for the private sector. Due to the high risk of innovations, private sector financing is typically unavailable to bring a transitioning business idea from R&D to proof-of-concept to demonstration and through to full commercial scale. Often, the early stages of a business are so perilous in the business life cycle; it's referred to as the Valley of Death.



SOUTHERN AFRICAN CONFEDERATION OF AGRICULTURAL UNIONS (SACAU)

The Southern African Confederation of Agricultural Unions (SACAU), is a membership based regional farmers' organisation representing the common interests of farmers in southern Africa. Our core membership is drawn from general interest apex national farmers' organisations (NFOs) in southern African countries. We currently have 18 members from 12 countries.



ROUNDTABLE PROFILES

SOUTHERN AFRICAN POWER POOL (SAPP)

The SAPP serves to provide a forum for the development of a world class, robust, safe, efficient, reliable and stable interconnected electrical system in the southern African region. Their objectives are to coordinate and enforce common regional standards of quality of supply, measurement and monitoring of systems performance; harmonise relationships between member utilities; facilitate the development of regional expertise through training programmes and research; increase power accessibility in rural communities; and implement strategies in support of sustainable development priorities.



UN ECONOMIC COMMISSION FOR AFRICA (ECA)

Established by the Economic and Social Council (ECOSOC) of the United Nations (UN) in 1958 as one of the UN's five regional commissions, ECA's mandate is to promote the economic and social development of its member States, foster intra-regional integration, and promote international cooperation for Africa's development. Made up of 54 member States, and playing a dual role as a regional arm of the UN and as a key component of the African institutional landscape, ECA is well positioned to make unique contributions to address the Continent's development challenges.



UNFCCC - UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE

The UNFCCC secretariat (UN Climate Change) was established in 1992 when countries adopted the United Nations Framework Convention on Climate Change (UNFCCC). Focussing in its early years largely on facilitating the intergovernmental climate change negotiations, the secretariat today supports a complex architecture of bodies that serve to advance the implementation of the Convention, the Kyoto Protocol and the Paris Agreement. The secretariat provides technical expertise and assists in the analysis and review of climate change information reported by Parties and in the implementation of the Kyoto mechanisms. It also maintains the registry for Nationally Determined Contributions (NDC) established under the Paris Agreement, a key aspect of implementation of the Paris Agreement.



UNOPS ETHIOPIA OPERATIONAL HUB (ETHIOPIA, SUDAN & DJIBOUTI)

The United Nations Office for Project Services (UNOPS) is the operational arm of the United Nations, supporting national governments, financial institutions, donor countries, and other UN agencies in realizing their ambitions towards more peaceful, just and equitable societies. The organization's global headquarters is located within UN City in Copenhagen, Denmark. UNOPS has over 20 years of experience working in the humanitarian and development space, and is committed to innovation and incorporation of external standards. UNOPS implements more than 1\$ billion worth of peace and security, humanitarian and development projects for its partners every year, operating in more than 80 countries. Our partners currently rely on our proven expertise to increase the speed, cost-effectiveness and sustainability of more than 1,000 projects, often in the most challenging environments. We are a member of the United Nations Development Group and work closely with United Nations Development Programme (UNDP), Department of Peacekeeping Operations (DPKO) and The World Bank.



WORLD BANK GROUP (WBG)

The World Bank Group is one of the world's largest sources of funding and knowledge for developing countries. It consists of five institutions: The International Bank for Reconstruction and Development (IBRD), International Development Association (IDA), International Finance Corporation (IFC), Multilateral Investment Guarantee Agency (MIGA), and International Centre for the Settlement of Investment Disputes (ICSID). Together, these institutions share a common commitment to reducing poverty, increasing shared prosperity, and promoting sustainable development.

ZIMBABWE NATIONAL WATER AUTHORITY (ZINWA)

The Zimbabwe National Water Authority (ZINWA) is a wholly Government owned entity tasked with planning, developing and managing the country's water resources. The Authority was created in 2000 through the ZINWA Act as part of the Government's efforts to reform the country's water sector. The Company's mission is to sustainably deliver quality water to all Zimbabwe communities (Rural and Urban) whilst making strategic water infrastructure investments that facilitate human and economic development. Its vision is to provide universal and affordable water security. The core values are Innovation, Integrity, Professionalism, Transparency, Accountability, Reliability, Commitment and Team Spirit. The Zinwa team is driven by the Chief Executive Officer supported by three directors. ZINWA recently supervised construction of Zimbabwe's largest inland dam called Tungwi Mukosi with a capacity of 1,8Billion cubic metres. The dam is now complete and operational. ZINWA is also currently the Dam Engineer for seven large dams currently under construction across the country.



Michelle Makoni, General Manager, NuRa Energy Pty Ltd

This indeed has been a well organised conference that brought together participants/delegates who showed information that has triggered a fresh perspective on how to design be it business models, adopt and the ability to partner with key players in our relevant areas of operation.





Mwayi Mkanthama, Environmental Officer, Ministry of Natural Resources, Energy & Mining; Malawi

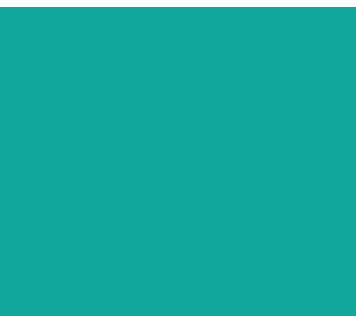
The event planning was awesome, keep up the good work.





Jean B. Mukumwa,
Monitoring & Evaluation
Officer, Ministry of National
Development Planning;
Zambia

Great line up of topics and good choice of speakers. ”



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World Bank Group (WBG) Zandile RATSHITANGE Senior Communications Officer
Zimbabwe National Water Authority (ZINWA) Takudza MAKWANGUDZE Project Manager
ZWBDC South African Web Business Development Company Heather MALCOMESS CEO



Nomsa Zond, Climate Finance Specialist, Development Bank of Southern Africa (DBSA)

A well organised forum to share challenges and ideas on ensuring climate resilience.



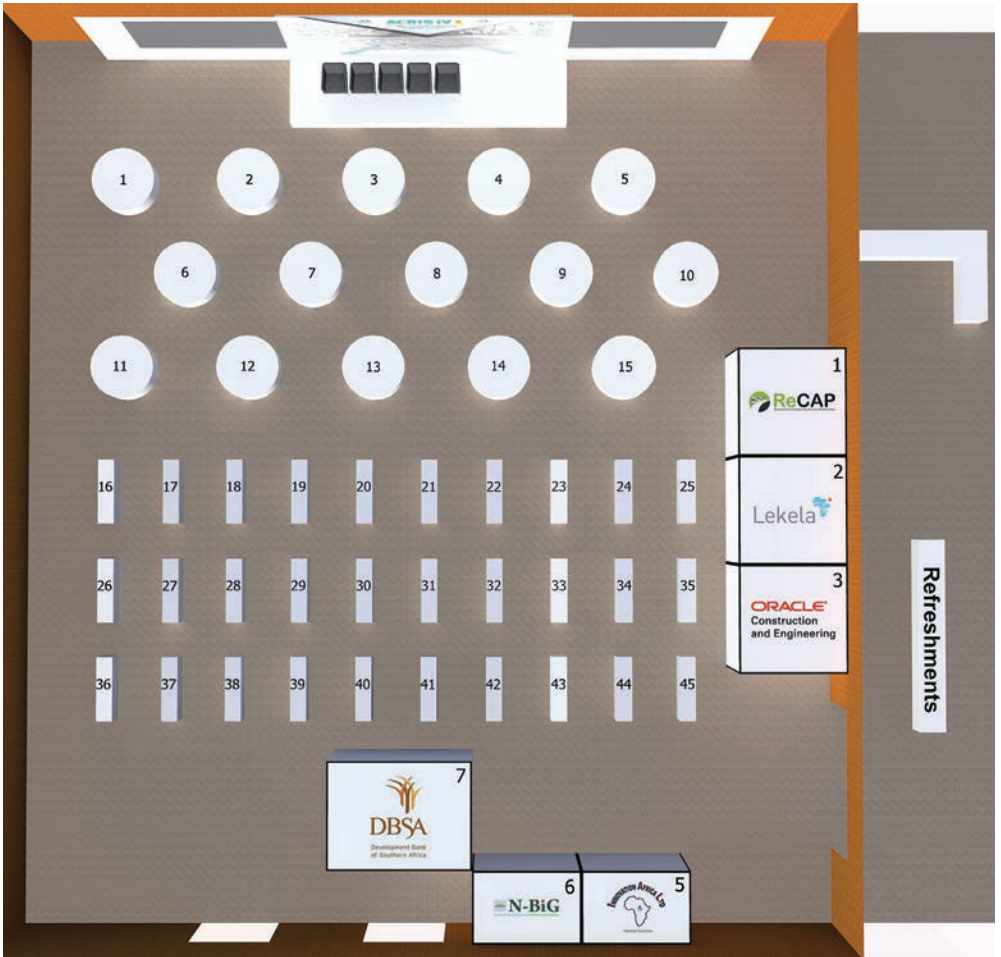


Majola Mabuza, Programme Officer - Policy, Southern African Confederation of Agricultural Unions (SACAU)

Great event, well organised and exciting discussions. ”



SUMMIT FLOORPLAN



EXHIBITORS

Research for Community Access Partnership (ReCAP)

Lekela

Oracle Construction & Engineering

Innovation Africa Limited

Namibia Biomass Industry Group (N-BiG)

Development Bank of Southern Africa (DBSA)

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