Africa
DataCentres

Africa Data Centres
Energy and Carbon Report

FY 2023

African Data Centres
Energy and Carbon Report - **FY 2023**

At Africa Data Centres, we are proud to be champions of sustainable practices that

prioritize environmental protection, social responsibility, and economic development.

Our unwavering dedication to these principles is aligned with the United Nations

Sustainable Development Goals (UN SDGs) and the resolutions of the Conference of
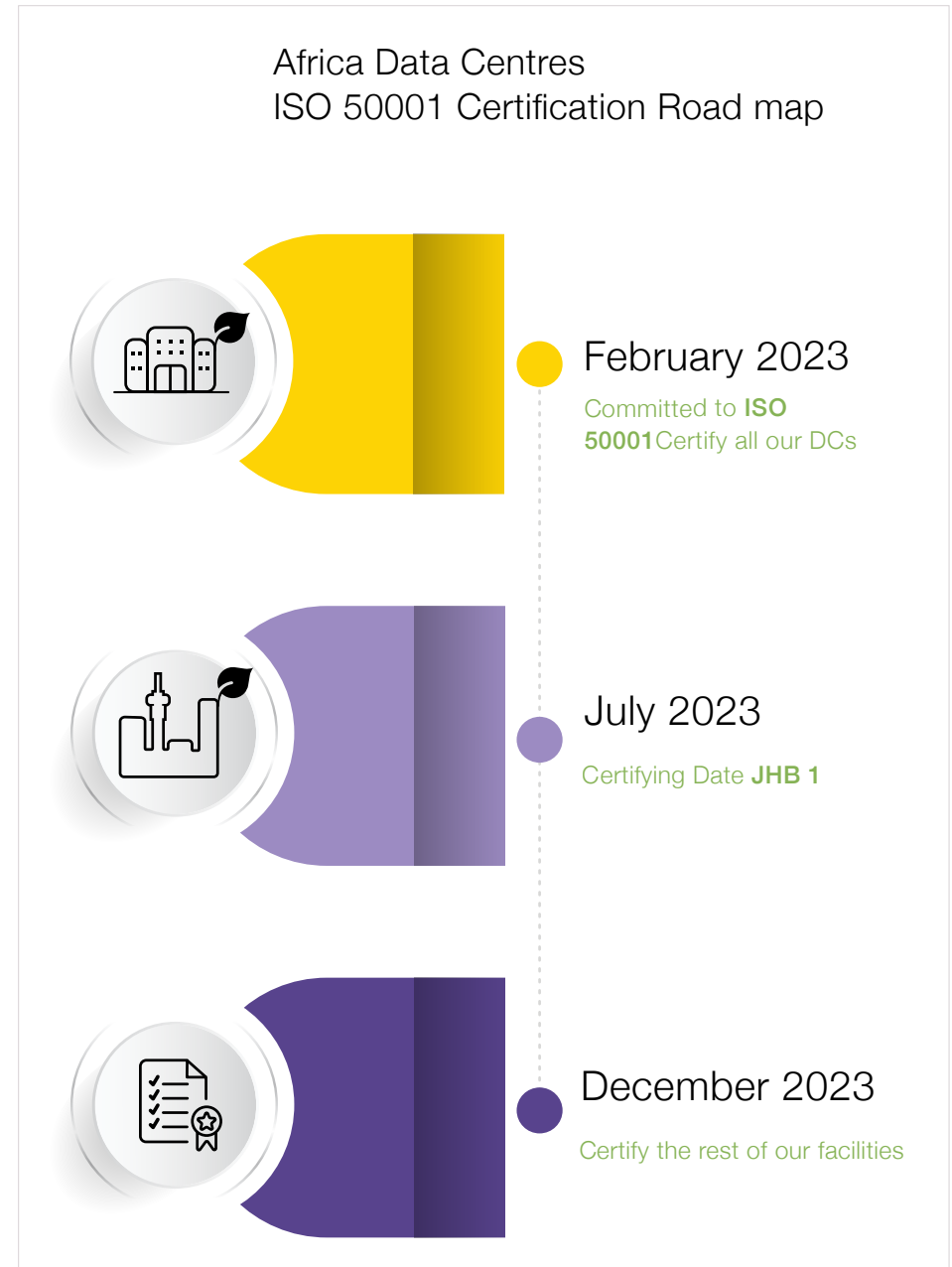
Parties (COP) on climate change.

We are pleased to present our Energy and Carbon Report for the Financial

Year ending February 2023. This report highlights our achievements in energy

management and sustainability that have helped us meet our sustainability goals.

| Energy Management

As we strive to achieve our sustainability goals, energy management remains a key pillar of our strategy. We have taken significant steps towards ensuring that our resources, including energy, equipment, and floor space, are used efficiently and that all asset information is captured and readily available for maintenance and tracking purposes. This year, we installed a Data Centre Infrastructure Management (DCIM) system in our data centres, providing site administrators with a holistic view of each facility's performance.

We are also delighted to announce that we are **currently undergoing an ISO 50001 certification process,** which will certify our South African and Kenyan facilities by the end of this financial year. This certification will guarantee that our energy management system is efficient, effective, and in line with our sustainability goals.

EDGE®

We have started on a journey to be

EDGE® certified at our Nairobi DC,

the first

in East Africa

Africa Data Centres
ISO 50001 Certification Road map

February 2023
Committed to **ISO 50001** Certify all our DCs

July 2023
Certifying Date **JHB 1**

December 2023
Certify the rest of our facilities
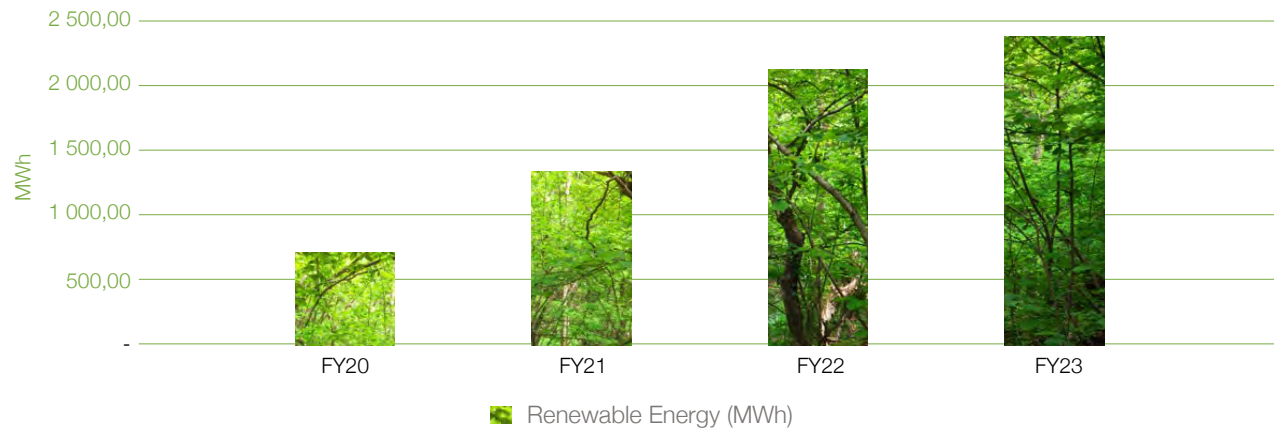
| Renewable Energy

We are committed to achieving carbon neutrality/net zero by 2030 and maximizing renewable energy for our pan-African data centre network. We believe in being technology agnostic and embracing all forms of renewable energy, while ensuring the resiliency of our data centre infrastructure is never compromised. Projects must be cost-effective to remain competitive, and we work within the regulations of each country we operate in.

> We are thrilled to announce that we have signed a **12MW Power Purchase Agreement (PPA)** with Distributed Power Africa.

This agreement will increase our renewable energy to over 33% of our South African energy mix through wheeling to our three existing facilities. The renewable energy will be generated at a solar farm in the Free State and will supply energy to Africa Data Centres' JHB1, JHB2, and CPT1 facilities.
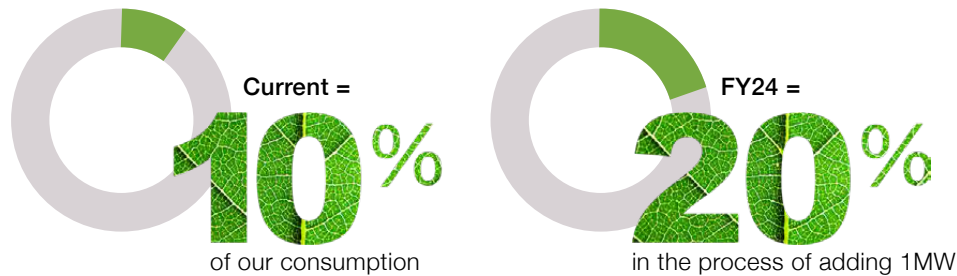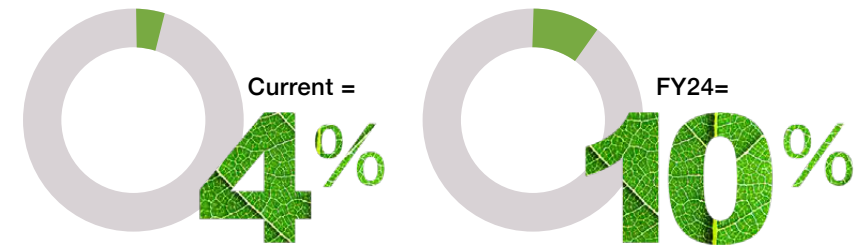
ADC Renewable Energy (MWh)

Renewable Energy (MWh)

committed to achieving carbon neutrality/net

zero

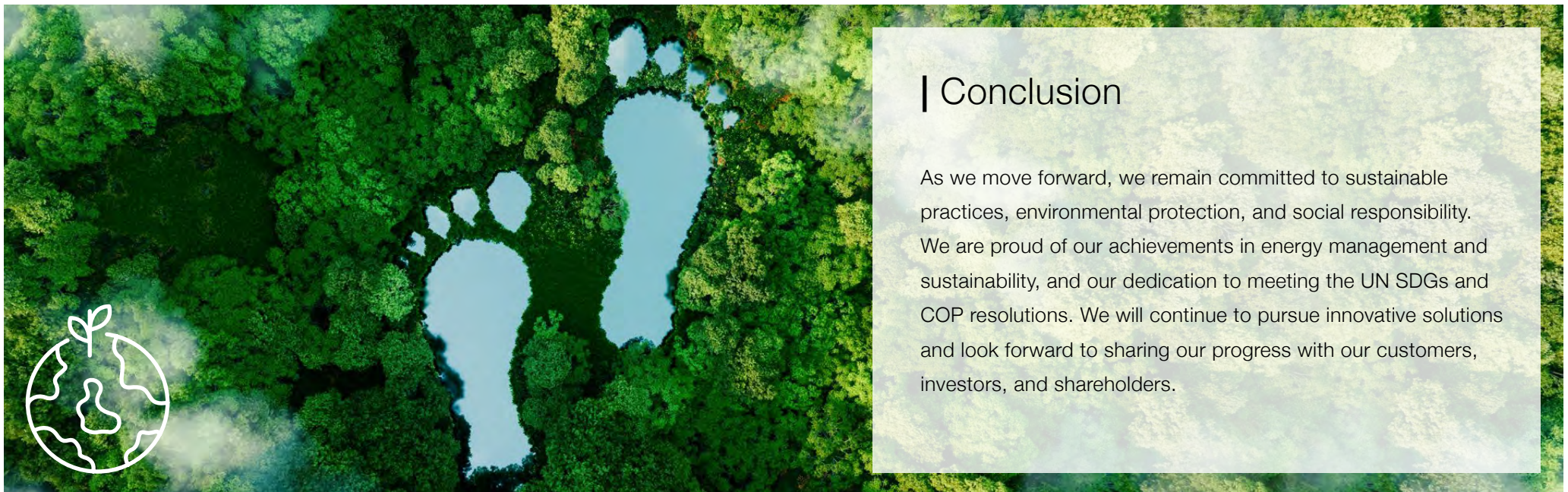by 2030

| Carbon Emissions

We understand the impact of carbon emissions on our environment and have taken measures to reduce our carbon footprint. We have added 800kW of renewable energy to our Nairobi facility, increasing our renewable energy to 10% of the total energy consumption. This initiative has reduced our scope 2 emissions by 10% since the purchased power from the Kenya Power and Lighting Company (KPLC) has decreased by the same amount. In South Africa, we have increased our renewable energy from 2% in 2020 to 4% in 2022 due to an increase in embedded generation at the Midrand facility. In FY23 all our onsite installations generated the equivalent of 75,000 trees i.e. 2.4GWh. We will continuously explore and implement new low-carbon technologies to power our data centres during load shedding periods.

Current =
10%
of our consumption

FY24 =
20%
in the process of adding 1MW

Current =
4%

FY24=
10%

NBO1 onsite Renewable Energy

JHB1 onsite Renewable Energy

| Conclusion

As we move forward, we remain committed to sustainable practices, environmental protection, and social responsibility. We are proud of our achievements in energy management and sustainability, and our dedication to meeting the UN SDGs and COP resolutions. We will continue to pursue innovative solutions and look forward to sharing our progress with our customers, investors, and shareholders.

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| Contact us

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CASSAVA
TECHNOLOGIES