Invest in the Green Economy in Cape Town & the Western Cape

September 2025

WESGRO
cape town & western cape
tourism, trade & investment

Wesgro is the tourism, trade and investment promotion agency for Cape Town and the Western Cape

- Wesgro is part of the broader economic leadership team in Cape Town & the Western Cape
- Proudly South African
- Responsible for ensuring that the region is positioned to compete in a challenging global economy
- Our mandate
  - Differentiate Cape Town & the Western Cape as a leading regional economy
  - Increase foreign and domestic investment into Cape Town & the Western Cape
  - Grow Western Cape exports of goods and services
  - Grow leisure tourism consideration in international and local markets as well as growth in business events
  - Be a future-fit, relevant and trusted Tourism, Trade & Investment Promotion Agency (TTIPA)
- Publicly-funded with a private sector Board, +100 Staff
- Located in the nexus between
  - Government & Private Sector
  - Present & Future Economies
  - Local & Global Stakeholders

Key messages

1. The Western Cape is a strategic springboard into the rest of the African continent, and beyond, linking businesses to high growth opportunities through preferential market access

2. South Africa's regulatory reforms and climate policy are driving increased investment in renewable energy, e-mobility, circular economy, sustainable water use, green hydrogen and sustainable agriculture

3. Recent increases in investment across the sub-sectors poised for further growth, driven by private sector interest and public sector enablement

4. The Western Cape is the green economy hub for Sub-Saharan Africa, with many global and local investors already located in the province

5. The Western Cape provides an enabling business environment with Wesgro providing support throughout the investment lifecycle

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South Africa A vibrant, emerging market connecting Africa with the world

- USD 363 billion economy
- Market of 63 million people
- Africa’s most industrialized and most diversified economy
- 50% of multinationals in Africa located in SA
- AfCFTA gateway with preferential access to African markets
- Sophisticated financial services and banking sector
- JSE: Deep bench of powerful and well managed corporations which via the JSE have the highest capitalization to GDP ratio in the world

Western Cape A leading regional economy

- Unprecedented, multi-billion USD public and private sector infrastructure investment pipeline, reshaping the economic future
- Leading South Africa’s job recovery
- Modern, services-led economy
- Growth sectors aligned to the future
- Leading tourism destination
- Institutional stability and good governance
- Global connectivity
- GFCF is rising, however needs spatial rebalancing

South Africa's most resilient & investable province

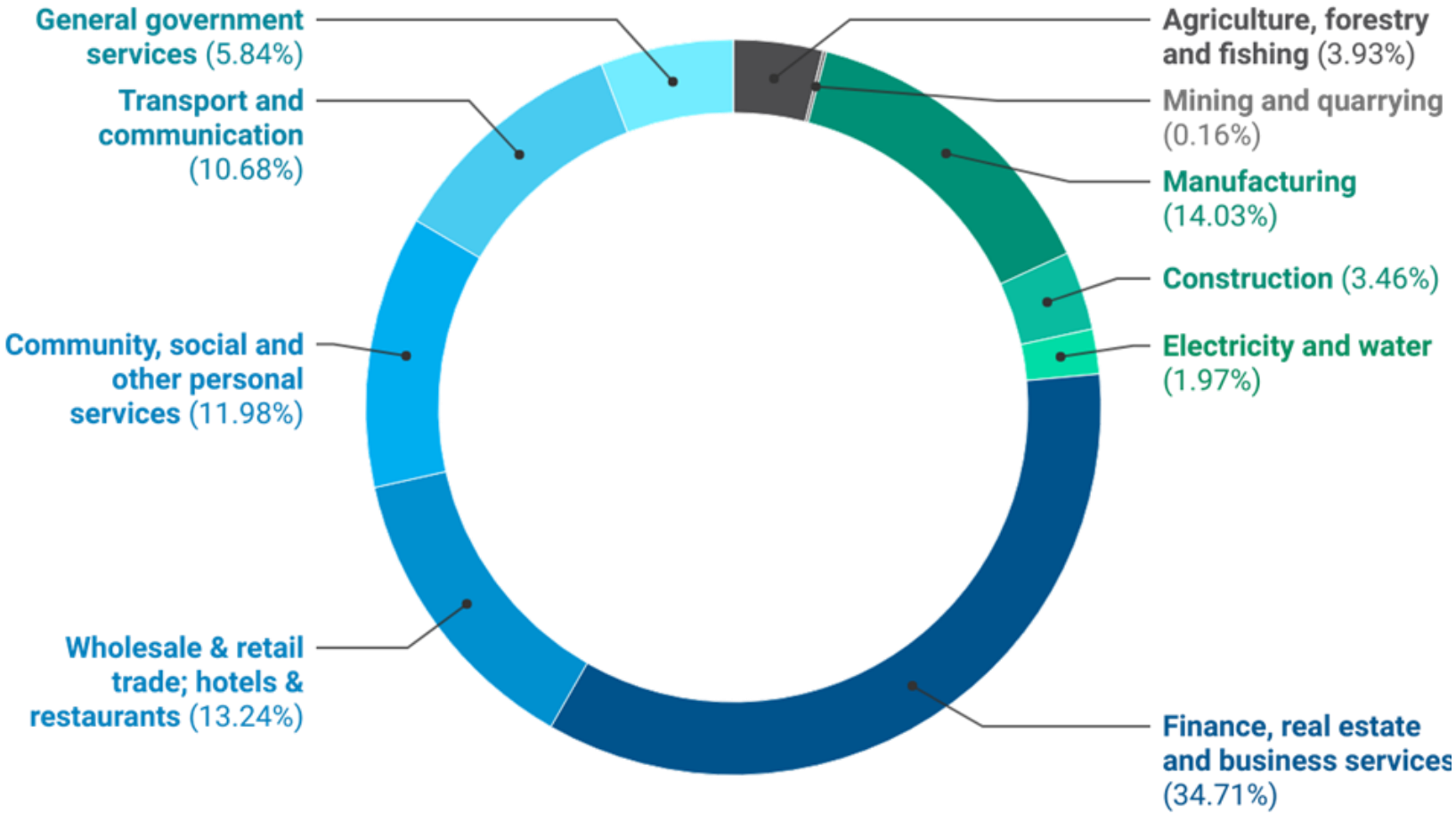
Western Cape Diverse & resilient economy with a well-developed services sector, 76% of GVA

USD 51 billion regional economy

7.5 million people

Diversified and export-oriented

Composition of GVA at constant 2015 prices (2024Q4), WC



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Green Economy Compelling reasons to invest in the Western Cape

1

Abundant Renewable Energy Resources
With some of the world's best solar and wind conditions, the Western Cape is a leader for large-scale green energy production.

2

Thriving Clean Energy Industry
The Western Cape hosts top firms expanding into EV mobility and charging, Li-ion battery storage, green hydrogen, and circular materials, building a resilient clean energy ecosystem. Cape Town is home to 70% of South Africa's utility-scale renewable energy developers.

3

Export-Ready Trade Infrastructure
The province's deep-water ports, international airport, and road networks ensure global market access and efficient logistics for green products and technologies.

4

Access to Key Markets
Africa's leading port, rail, and air infrastructure enables preferential access to South African, UK, EU, and USA markets with the AfCTFA opening high-growth African market access soon.

5

World-Class Research & Innovation
The Western Cape boasts Africa's first dedicated renewable energy training centre and related curriculum at universities and technical colleges as well as two long established Hydrogen Competency Centres.

6

Support through the Atlantis SEZ & Freeport Saldanha
Two Special Economic Zones with a green economy focus offering investor facilitation, incentives, and streamlined services tailored to support the green economy.

7

Stable, Business-Friendly Governance
Strong institutions, predictable regulation, and a commitment to the rule of law make the Western Cape one of the most secure and investor-ready regions in Africa.

8

Skilled Talent & Research Excellence
Four leading universities provide a steady pipeline of engineers, scientists, and sustainability professionals, along with rich opportunities for R&D partnerships.

9

Low-Emission Agri-Export Leadership
The Western Cape is integrating climate-smart agricultural practices in an established agricultural sector, providing investment opportunities in smart farming and resource efficient practices.

10

Incentives
For additional information scan here:

Green Economy Strategic investment opportunity in the Western Cape

Renewable Energy

- Large scale utility renewable energy projects
- C&I renewable energy solutions
- Energy trading and services

E-mobility

- EV passenger vehicles
- Electrification of public transportation
- Electrification of freight and logistics
- EV micro mobility
- Battery storage
- Charging infrastructure

Green Hydrogen

- Project financing & development
- Production, distribution, storage, application technology uptake
- Production, distribution, storage, application Research Development and Innovation

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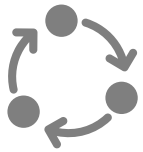
Green Economy Strategic investment opportunity in the Western Cape



Circular economy

- Organic waste valorisation
- Plastic waste valorisation
- E-waste valorisation
- Waste to energy
- Textiles
- Black soldier fly

Sustainable Agriculture

- Renewable energy application for agriculture
- Electrification of agricultural practices
- Smart farming technology

Water infrastructure

- Water infrastructure projects
- Water systems management
- Waste water treatment
- Water efficiency solutions

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Green Economy Well established with a vibrant ecosystem

Events - networking

AFRICA'S GREEN ECONOMY SUMMIT

African Union AIP

AFRICA ENERGY INDABA

SOLAR & STORAGE LIVE Africa

GREEN HYDROGEN SOUTH AFRICA

Enlit Africa

aef africa energy forum

IWA the international water association

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Local and international business

EDF renewables

MAINSTREAM RENEWABLE POWER

VALTERNATIVE

MyCiti

Scatec

NORDEX acciona

GREEN RIDERS

BMW

ENGIE

JUWI

SILENCE

BYD

SOLA

mellowvans

STROOM

AFRICAN CLEAN ENERGY DEVELOPMENTS

scooter

VOLVO

MULILO RENEWABLE ENERGY

melex

BYD

RUBICON VALTERNATIVE

GridCars

ZIMI

RED ROCKET

Universities and demand-led training

University of Cape Town

Stellenbosch University iYunivesithi yaseStellenbosch Universiteit

Cape Peninsula University of Technology

University of the Western Cape

SARETEC South African Renewable Energy Technology Centre

HySA Systems Hydrogen South Africa

CSIR Touching lives through innovation

HySA Catalysis Hydrogen South Africa

Ecosystem support

Western Cape Government FOR YOU

CITY OF CAPE TOWN ISIXEKO SASEKAPA STAD KAAPSTAD

atlantis special economic zone cape town

FREEPORT SALDANHA INDUSTRIAL DEVELOPMENT ZONE

GreenCape

NCPC INDUSTRIAL EFFICIENCY IN SOUTH AFRICA

GridCars®

CLUB OF ENGINEERS

WWF

AGHA The Africa Green Hydrogen Alliance

Industry associations

SAPVIA South African Photovoltaic Industry Association

SASTELA

SAWEA South African Wind Energy Association

EVASA

EVIA ELECTRIC VEHICLE INDUSTRY ASSOCIATION

IWA the international water association

WISA Water Institute of Southern Africa NPC

ENERGY COUNCIL OF SOUTH AFRICA

CIRCULAR SOUTH AFRICA Accelerating the Transition

AGRI SA

Investors

Africa Finance Corporation

New Development Bank

CIF CLIMATE INVESTMENT FUNDS

IFC

NDF Nordic Development Fund

European Investment Bank

KFW

KIF DANISH CLIMATE INVESTMENT FUND

IRIC

SAVANT

FNB

absa

Investec

IDC Industrial Development Corporation

DBSA

EDGE GROWTH

OLDMUTUAL

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Green Economy Western Cape home to prominent global and local investors

Renewable Energy

E-mobility

Green Hydrogen

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Circular Economy

CAMBI

WISP
Western Cape Industrial Symbiosis Programme
Delivered by GreenCape

eWasteAfrica

ZERO WASTE TECHNOLOGIES

INTERWASTE ENVIRONMENTAL SOLUTIONS

Anaergia
Fueling a Sustainable World™

Sustainable Agriculture

NUTRISEK

Maltento

NUTRIENT LOOP

BSF Breeding

Water Infrastructure

INTERWASTE ENVIRONMENTAL SOLUTIONS

VEOLIA

MASKAM WATER

IWS
IMPACT WATER SOLUTIONS

AQUEST COLSEN

Vision Green Solutions
shaping our future

KaacKai

Impact-free Water
wave powered desalination

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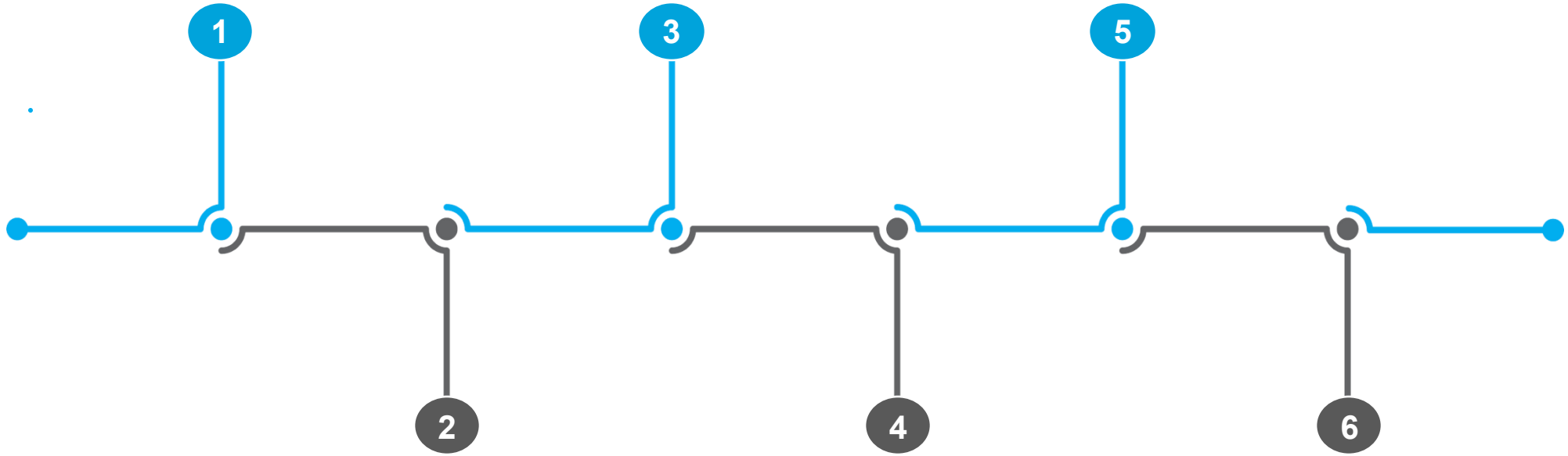
Investment Facilitation How Wesgro supports investors

Entry establishment
CIPC, bank account, SARS, PAYE, Information: doing business in the WC, cost of property

Talent
Costs and skills, recruitment agencies and online marketplace

Investment incentives
DTIC incentives



Navigating the regulatory environment
Immigration; energy; ports; water; logistics; carbon intensity of our grid; visas; exchange control; intellectual property; access to capital; green transition; market entry issues

Office/ site location
Co working or office rental; access to land

Strategic matchmaking
Access to market intelligence and industry specific information sharing and events. Introduction into value chain. Linkages to African markets

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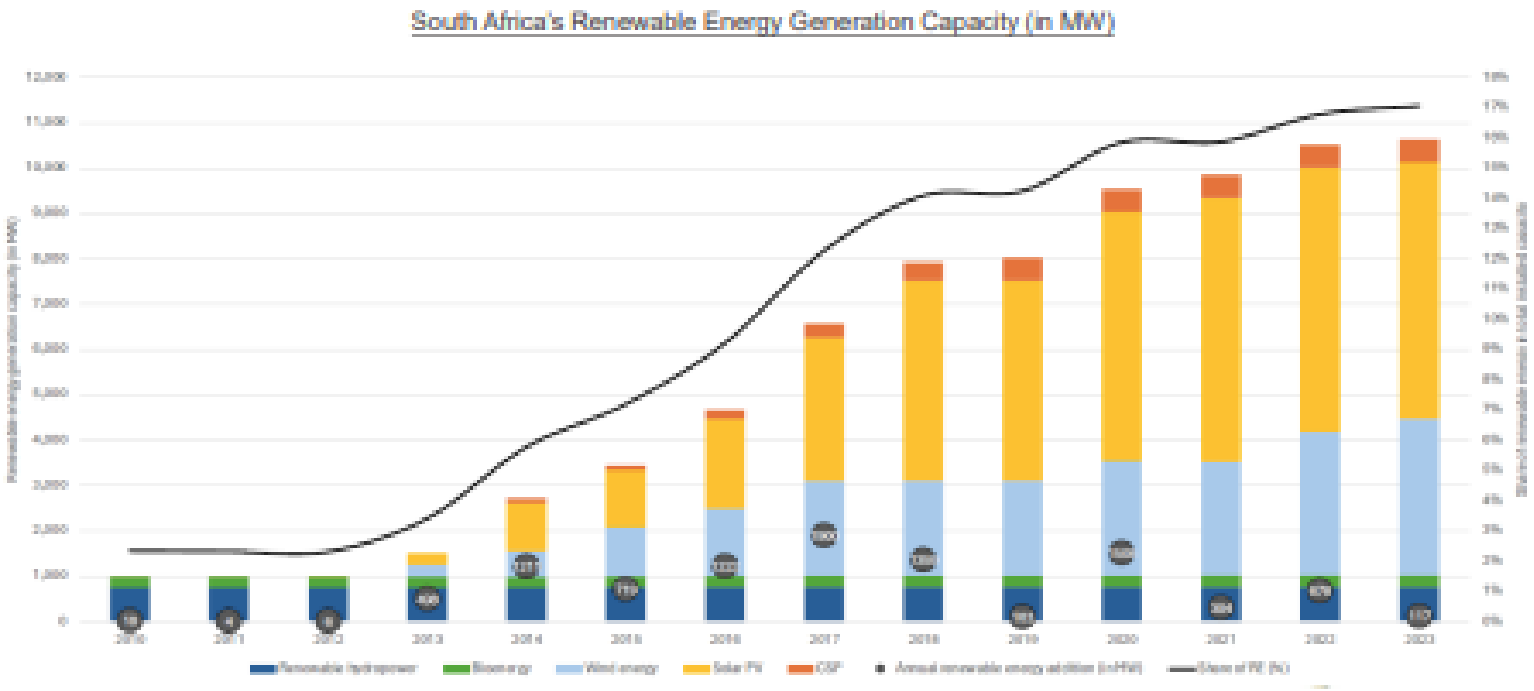
More detail

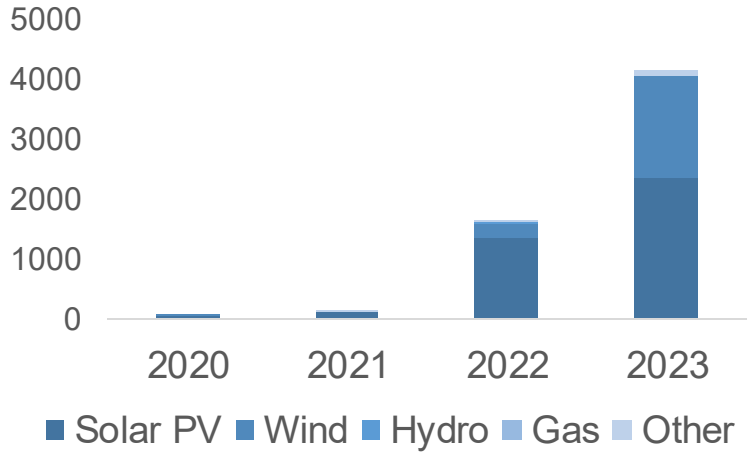
Renewable Energy Rapidly growing private sector market

South Africa's energy mix is dominated by coal, but renewables play an increasingly important part of energy generation

Contributing **17%** towards energy mix



- Over **5.8 GW** of projects registered by 2023
- A **3000% increase** over 2 years
- **64%** of projects are solar



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Renewable Energy Major potential with market value of USD 23 billion by 2030

Global market opportunity

- The global renewable energy market is projected to grow to USD 1.600 billion by 2032.
- Global renewable electricity generation is forecast to increase to over 17,000 terawatt-hours (TWh) by the end of the decade.
- This staggering market growth is driven by decarbonization imperative and declining costs.

Source: International Energy Agency, 2024

Africa/ Sub-Saharan African market opportunity

- Across the African continent, 250 GW is forecast to be installed by 2030 – a 10x growth trajectory.
- Currently, Africa is home to 60% of the best solar resources globally, with only 1% of installed solar PV capacity.

Source: International Renewable Energy Agency, 2024

South African market opportunity

- 32 GW of installed renewable energy forecast by 2030 at a market value of USD 23 billion:
  - 10 GW rooftop solar
  - 22 GW utility scale wind and solar
  - 10 GW associated storage requirements
- To enable this, 14 200 kms of transmission lines and 170 transformers are required by 2030.

Source: Green Cape, 2024

Renewable Energy Increased liberalization of energy markets and declining costs are driving growth

Increasing cost competitiveness of Renewable energy

- Reduced cost and increased access to technology - access driven by global. production shifts
- High Horizontal UV irritation and wind generation capability in SA and WC reducing LCOE.

Mature RE sector supported by services sectors

- Mature sector in SA with WC driving growth.
- Skilled workforce with experience in RE project development.
- Mature financial and banking system with track record in RE.

Energy security needs in SA market driving demand

- Unstable energy supply from national grid driving transition towards complimentary renewable energy sources.
- Increasing energy costs further driving adoption of more affordable renewable energy.

Energy sector reform has enabled growth

- Removal of generation license requirements in 2023.
- Registering of energy traders
- Unbundling of Eskom into distinct generation, transmission, and distribution entities.
- Creation of the National Transmission Company of SA.
- Enabling environment for wheeling (virtual).
- Adoption of Renewable Energy Master Plan.

Renewable Energy Western Cape home to prominent global and local investors

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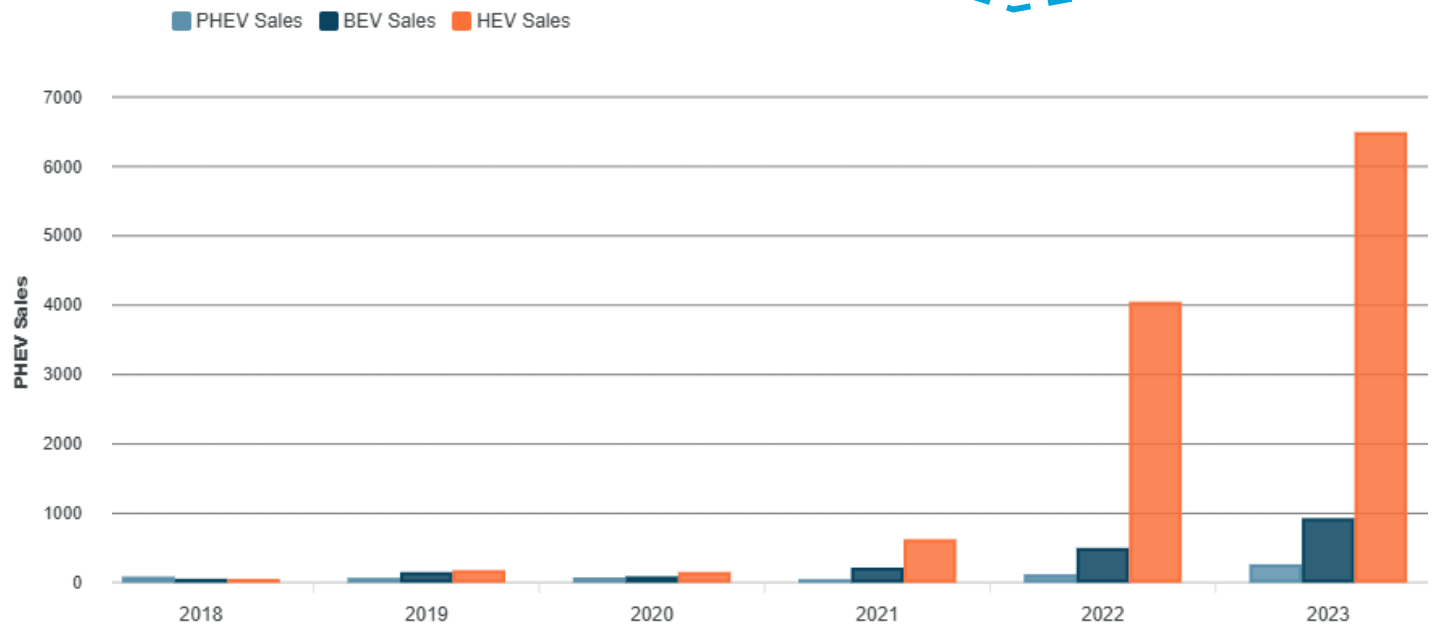
E-Mobility Starting off at a low base but has significant growth potential, growth in infrastructure capability

Global markets saw **14.2 million new Battery Electric Vehicles** and Plug-in Hybrids delivered in 2023, driven by growing cost competitiveness and regulatory shifts to phase out production of CO2 emitting cars, buses and trucks.

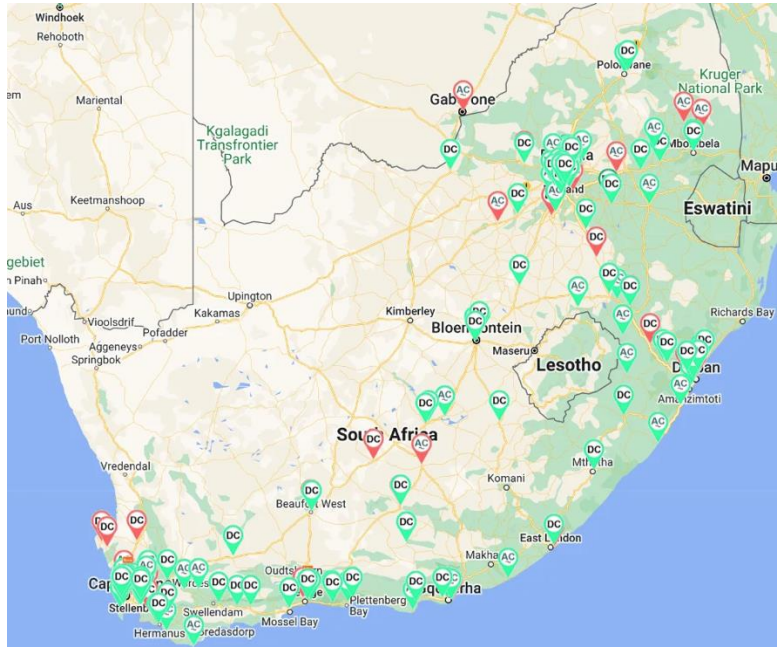
7 700 new energy vehicles sold in South Africa in 2023. Battery EVs seeing 85% growth from 2022



Source: Green Cape Electric Vehicles Market Intelligence Report, 2024

With improving access to public charging infrastructure

- 450+ public charging station network
- 1 : 4.98 ratio of private passenger EVs to charging stations



Source: GridCars, 2024

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E-Mobility Estimated market value of USD 4.5 billion in South Africa by 2030

Global market opportunity

- The global (EV) market has seen substantial growth with a 26% increase in sales in 2024.
- The market is dominated by China, Europe, and the United States, representing 95% of sales.
- The global market size is expected to reach a staggering USD 785 billion this year.

Source: International Energy Agency, 2024

African market opportunity

- The EV market in Africa is expected to grow to USD 28.3 billion by 2030, at a CAGR of 10.2%.
- The fastest growing market segment is in last mile delivery which is expected to grow by 9% annually until 2030.

Source: Statista

South African market opportunity

- The South African e-mobility market is expected to grow to USD4.5 billion by 2030:
  - USD 750 million market size for the micro-EV segment.
  - USD 540 million market size for the public transportation market segment.
  - USD 3.2 billion market size for the freight and logistics market segment.
- Additionally, 20% of all new vehicles will be EV by 2030 in passenger EV market segment.

Source: Green Cape, 2024

E-Mobility Competitive EV costing, an e-commerce boom & local expertise are driving market opportunity

Cost competitiveness of electric alternatives over vehicle lifespan

- Rapid reduction in cost as battery technology declines and global manufacturing capacity scale up bolsters the commercial case for e-alternatives.
- Increasing fuel prices and global instability in supply chains have spurred a transition towards electric alternatives in the SA market.

Rapid growth in e-commerce and road dependent logistics

- Rapid growth in e-commerce in SA market leading transition toward affordable last mile delivery solutions.
- Aging infrastructure and underinvestment in freight and commuter rail capacity, and increased dependency on road freight and transport – driving demand in affordable electric busses and trucks.

Ease of local assembly and component integration

- Established automotive and components manufacturing and assembly readily able to transition towards the EV value chain.
- Modular design of micro vehicles well suited for local assembly and local component integration.

Supportive regulatory framework

- EV white paper released in 2023 by DTIC – path for building local manufacturing and value chain. development
- Investment allowance incentive introduction in 2026 allowing producers to claim 150%.
- SA government has prioritised nearly R1 billion over the medium term to support EV transition.

E-Mobility Western Cape home to prominent global and local investors

Last-Mile Delivery

mellowvans

VALTERNATIVE ENERGY

STROOM

scooter

GREEN RIDERS

melex

SILENCE

Public Transportation

MyCITI

BYD

FIX

Freight and Logistics

SCANIA

everlectric

VOLVO

Private Passenger Transport

BMW

VOLVO

BYD

Charging Infrastructure

RUBICON

VALTERNATIVE ENERGY

GridCars™

ZIMI

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Green Hydrogen The Western Cape is the strategic nexus for advancing South Africa's Green Hydrogen economy

Northern Cape

Project: Prieska Power Reserve
Capacity: 14 ktpa GH2 / 80 ktpa GNH3
Location: Prieska
Partners: Mahlako, Cenec, IDC

Project: Upilanga Solar and GH2 Park
Capacity: 19.8 ktpa GH2
Location: Upington
Partners: Enviro, Energia, DBSA

Project: Boegoebaai
Capacity: tbd
Location: Alexander Bay
Partners: Sasol, NCEDA

Project: Ubuntu Green Energy H2
Capacity: 7 ktpa GH2 / 3.5 ktpa GNH3
Location: tbd
Partners: Ubuntu Green Energy

Western Cape

Project: Atlanthia
Capacity: 7.3 ktpa GH2 / 3.5 ktpa GNH3
Location: Saldanha Bay
Partners: Gamiro

Project: Phelan Green Hydrogen *
Capacity: 85 ktpa GH2 / 480.22 ktpa GNH3
Location: Saldanha Bay
Partners: Phelan Energy Group

Project: Saldanha Bay GH Project *
Capacity: 60 - 80 ktpa GH2 /
Location: Saldanha Bay
Partners: Mainstream Renewable Power

Project: Saldanha Bay DRI *
Capacity: 1,200 ktpa DRI
Location: Saldanha Bay
Partners: ArcelorMittal, Sasol

Mpumalanga

Project: Project Rhynbow
Capacity: tbd
Location: Mogalakwena
Partners: AngloAmerican

Project: HyShFT
Capacity: 16 ktpa GH2 / 36.1 ktpa SAF
Location: Secunda
Partners: Sasol, Enertrag, Linde

Free State

Project: Sasol / Sasolburg
Capacity: tbd
Location: Sasolburg
Partners: Sasol, IDC

Hydrogen Valley

Project: Hydrogen Valley
Capacity: 7 ktpa GH2 / 3.5 ktpa GNH3
Location: Mpumalanga, Free State, Gauteng, KwaZulu-Natal
Partners: AngloAmerican, Bambili, Engie, Sanedi, DSI

Eastern Cape

Project: Hive Hydrogen
Capacity: 237 ktpa GNH3
Location: Coega IDZ
Partners: Hive, Linde, Built Africa

Success Factors

- Investments in renewable energy
- Investments needed in transmission infrastructure
- Investments in desalination plants
- Competitive advantage is the biodiversity credits available on EIA applications to offset ecological infrastructure damage.

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The Western Cape is the nexus for South Africa's emerging green hydrogen economy

- Freeport Saldanha strategically located as SA's first export terminal with green industrialization potential
- Three Capes' MOU to leverage unique value additions in generation, storage, and transport of green hydrogen
- High solar irradiation and wind generation capacity driving levelized cost of hydrogen to globally competitive pricing

Green Hydrogen SA set to produce 1 Mt annually by 2030

Global market opportunity

- Global demand for green hydrogen is estimated at 70 to 154 million metric tons (Mt) by 2030.
- South Africa is well positioned to service key offtake markets: including the European Union, Japan and South Korea.

Source: International Energy Agency, 2024

African market opportunity

- Africa holds significant potential for green hydrogen production due to its abundant renewable energy resources, and strategic location for exports.
- The continent could become a major producer of green hydrogen, feasibly exceeding 50 million tones per annum by 2035.

Source: European Investment Bank

South African market opportunity

- South Africa will be a net exporter of green hydrogen in the short to medium term:
  - South Africa's annual green hydrogen export potential at 2.1 Mt per annum by 2050.
- In the longer term, green industrialization can significantly bolster domestic demand.
  - Estimated domestic demand for South Africa is expected to reach 0.78 million metric tons (mt) per year by 2030, increasing by just over 5% per annum to 1.9 Mt per year by 2050.

Source: Western Cape Green Hydrogen Strategy

Green Hydrogen Existing hydrogen production capabilities & access to Platinum Group Metals driving SA and Western Cape value proposition

Rapidly increasing global demand to meet global decarbonization agenda

- Transitioning global value chains towards net zero requires clean energy that can provide load stability.
- Most realistic use case for hard to abate sectors (steel and cement production, ammonia, heavy duty transport).

Natural resource potential to drive down cost LCOE

- Renewable energy input approx. 60% of GH cost.
- SA has globally competitive renewable energy development zones.
- Coastal desalination fraction of project cost, with potential for oversizing.
- Abundance of private and public land at competitive rates.

Supportive national and provincial ecosystem

- Established strategies and frameworks – GHS Road Map and Commercialization strategy.
- Consolidated secretariat in the IDC and provincial working groups.
- JET P- commitments of R319 billion for the sector with global partnership support.

Embedded capabilities and integrated RD&I value chain

- Legacy oil and gas expertise and transferable infrastructure.
- Established research capabilities through national HySA programme (Catalysis and Systems located in WC).
- Priority Fischer-Tropsch technology and established hydrogen production capabilities.
- Strategic GH clusters and export terminals.

Green Hydrogen Western Cape home to prominent global and local investors

Circular Economy Largely untapped future investment opportunity with USD1.37 billion worth of waste not yet generating value

Global market opportunity

- The global circular economy market was valued at approximately USD 555 billion in 2023 and is projected to reach USD 1.8 trillion by 2033, growing at a CAGR of 13.10%.
- If fully exploited, the global circular economy could unlock USD 4.5 trillion in global economic growth.

Source: World Economic Forum

African market opportunity

- On the African continent, circular economy opportunities are largely untapped but have the potential to unlock a USD 8 billion market.

Source: African Development Bank

South African market opportunity

- SA's circular economy estimated total resource value is USD 1.37 billion a year.
- Within SA, Western Cape waste has significant value-added potential:
  - Organics: 900 000 tonnes with a value-added potential of up to USD 172 million per year.
  - Plastics: 250 000 tonnes with value-added potential of USD 118 million per year.
  - E-Waste: 70 000 tonnes with value-added potential of USD 6 million per year.

Source: Green Cape, 2022

Circular Economy Convergence of environmental imperatives, economic opportunities & supportive policy frameworks driving opportunity

Diminishing landfill access and increasing cost of disposal

- Landfill airspace is rapidly reaching end of life driving municipalities to diversify waste management models.
- Increasing waste management and disposal costs driving waste generators to adopt alternative waste treatment solutions.

Enabling policy and regulation

- National and provincial legislature intent on unlocking waste stream and simplifying rules and procedures for alterative waste treatment technologies.
- National Waste Management strategy targeting 0 waste to landfill by 2035.
- Chemical and Waste Economy Phakisa.

Waste producers extending their responsibilities

- Extended producer responsibility levies raised will support access to feedstock and grow demand for recovered materials.
- Diversion commitments by industrial private sector actors.

The Western Cape is leading the circular economy charge

- Introduction of the landfill ban of organic with a requirement of a 100% reduction target by 2027.
- Prioritization of new material recovery facilities (MRF) such as the Coastal Park Landfill extending separation-at-source programme.
- Industrial Symbiosis Programme (WISP) free facilitation service to businesses.

Circular Economy Western Cape home to prominent global and local investors

CAMBI

WISP
Western Cape Industrial Symbiosis Programme
Delivered by GreenCape

eWasteAfrica

ZERO WASTE TECHNOLOGIES

INTERWASTE
ENVIRONMENTAL SOLUTIONS

Anaergia
Fueling a Sustainable World™

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Sustainable Agriculture SA has an estimated market value of USD855 million by 2030

Global market opportunity

- Global sustainable agriculture market size forecast to reach USD 22 billion by 2028, with CAGR of 9.9%.
- Global agri-tech market size forecast to reach USD 67 billion by 2031, with CAGR of 12.8%.
- 223 global agri-tech projects invested in in 2024 with a capex of USD 3.5bn:
  - 65 investments targeted emerging and developing countries (USD 1 billion +).
  - 3 investments into SA (USD 42.3 million).

Source: xxx

African market opportunity

- The African food and agriculture market as a whole has the potential to increase to USD 1 trillion by 2030.
- However, adoption of sustainable agricultural practices and smart farming technology is predominantly in nascent stages.

Source: Statista

South African market opportunity

- The South African sustainable agriculture market is expected to grow to grow USD 850 million annually in the medium term:
  - USD 690 million renewable energy agricultural transition annual market size.
  - USD 55 million electric tractor annual market size.
  - USD 110 million smart farming technology annual market size.

Source: Green Cape, 2023

Sustainable Agriculture Western Cape strategically positioned to grow South Africa's sustainable agriculture offering

Increased global demand for Western Cape agri-sector outputs

- Western Cape is home to a well-established agriculture sector with primary agriculture and agri-processing contributing over 7% to provincial GDP.
- Market dynamics shifts have resulted in increased demand and improved quality management to meet export market standards. An overall increase in 2022 of 18.6% to R203 billion.

Productivity increases necessary despite rising operational costs

- The Western Cape agri-sector has a 2Twh annual energy dependency, with 70% of energy needs being meet by diesel.
- The rising cost of fuel and the competitive renewable energy production capacity is driving the transition towards renewables and electric machinery alternatives.
- Increased water scarcity also provides operational risk and driving the need for water efficiency technology.

Commitment to reduce carbon emissions and build sectoral resilience

- The Western Cape has been disproportionately impacted by climate change placing the agri-sector at risk.
- National, provincial and sectoral commitments to reduce carbon emissions and build resilience.
- Potential extension of CBAM to include agri-goods provides increased incentive to decarbonize the sector to meet export market requirements.

The agri-sector is embracing innovation

- Cost saving potential, changing climate conditions, and productivity improvement needs, and a shift in demographics, are driving farmers and managers to embrace innovation.
- Emerging technologies in precision agriculture, farm management, drone imaging and AI diagnostics offer attractive solutions to sectoral challenges.

Sustainable Agriculture Western Cape home to global investors

Water Economy South Africa is determined to make sizeable investments into water infrastructure and is looking towards the private sector for partnerships

Global market opportunity

- **Water Infrastructure** – there's an anticipated need for over USD1 trillion in water infrastructure investments by 2050.
- **Desalination & Water Reuse** – Market growing 9% annually, reaching USD 47.7 billion by 2027.
- **Public-Private Partnerships** – Key to bridging USD 37 billion water financing gaps in emerging markets.

Source: World Bank

African market opportunity

- USD 30 billion investment required to address water security issues in Sub-Saharan Africa by 2030.
- USD 11 billion funding gap for water resource infrastructure across Sub-Saharan Africa with Private Sector Partnerships expected to play a key role in addressing this gap.

Source: Global Water Partnership

South African market opportunity

- USD 6.8 billion required to finance key water resource projects in the next 10 years:
  - USD 430 million in expenditure estimated to improve wastewater treatment improvements.
  - USD 7 million per year spent in landfilling wastewater sludge without beneficiation.
  - USD 60 million capital expenditure identified to improve energy efficiency interventions.

Source: Green Cape, 2024

Water Economy Private sector investment driving innovation in sector

Escalating costs and increased climatic impact

- Increased water scarcity and shift toward water and energy efficient solutions.
- Energy costs substantially increasing municipal operating costs.
- Water and energy efficiency technologies costs and availability contributing towards commercial case for adoption at household and industrial level.

A supportive government and regulatory environment

- Green Drop programme launched by the Department of Water and Sanitation and National Water Resource Infrastructure agency established to manage, maintain and operate water resource infrastructure.
- DBSA launched a Water Partnerships Office to support PPPs and provide project preparation support.
- Liquid waste to landfill ban preventing disposal in effect.

Significant investment into water infrastructure development

- Eleven strategic water projects with an estimated total investment of R115 billion including the Clanwilliam Dam wall raising, the Berg River-Voëlvlei Augmentation Scheme, the uMkhomazi Water Project, Loskop Regional Bulk Water, and the Ntabelanga Dam.
- Lesotho Highlands Water Project (LHWP) Phase II to be completed by 2028 at a cost of R40 billion.

The Western Cape is prioritising water resilience

- The City of Cape Town is the first city in the world to decrease water usage by 50% in 3 years, as recognised by the International Water Association.
- The city has launched its Climate Change Strategy, which emphasises water security, drought readiness, and increasing water supply assurance by 2040.
- Transitioning towards zero organic waste disposal in landfills.

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