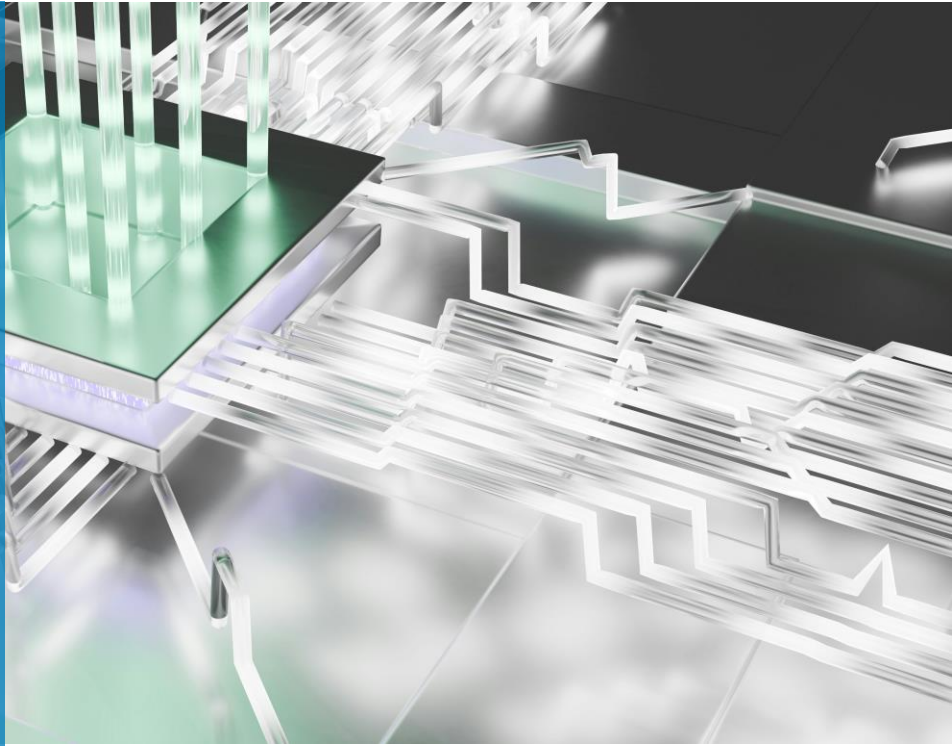




- Deep Tech refers to technologies that are built on major scientific discoveries or engineering innovations. These technologies often come from the latest research and development and are known for solving complex, real-world problems. They tend to have a long-lasting impact on industries, society, and the environment.¹
- The global Deep Tech market is projected to exceed USD 3 trillion by 2030, driven by breakthroughs in quantum computing, biotechnology, and advanced manufacturing.²
- The EU has invested over €1 billion in quantum research, including a €1 billion Flagship programme, and is developing a Quantum Strategy and Act to boost private investment, infrastructure, standards, and dual-use capacity.³
- South Africa leads Africa with over 90 Deep Tech entities / startups (in areas like AI, IoT, robotics, solar tech) as part of the pan-African deep-tech ecosystem.⁴



WESTERN CAPE

DEEP TECHNOLOGY

INVESTOR OPPORTUNITY FACTSHEET

OUR UNIQUE SELLING POINTS

1 RESEARCH, INFRASTRUCTURE, ACCESS

The Western Cape offers a unique combination of research excellence, infrastructure, and market access

2 DEEP TECH ECOSYSTEM

Established universities, existing innovation hubs, a cluster of biomedical and materials research capabilities, and local industry partners.

3 GLOBAL COMPETITVNESS

Local firms export biotech products and mechatronic systems to Europe, Asia, and Africa.

WHY INVEST IN THE WESTERN CAPE

GATEWAY TO AFRICA

Direct connections to African R&D markets, especially in health (biotech), agriculture (precision agri-robotics), and energy (green hydrogen catalysis).

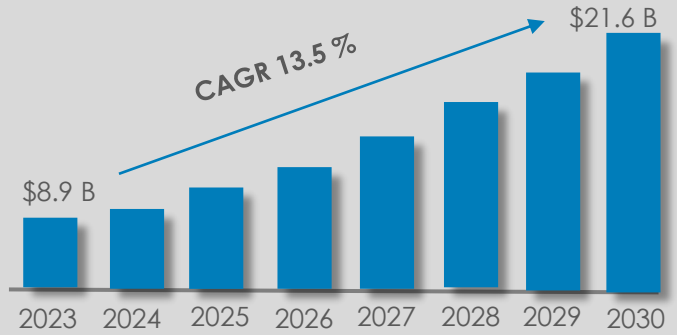
Bio Tech Cluster Hub:

Cape Town is home to Africa's largest concentration of biotech and life sciences firms and hosts over 60 biotech firms, including Aspen Pharmacare, Synexa Life Sciences, Biovac, and CapeBio

Quantum Research:

Quantum research is positioning the province as a future hub for secure communications and advanced computing.

SOUTH AFRICAN BIOTECHNOLOGY MARKET SIZE 2023-2030. ⁵



Special Economic Zones

The Atlantis Special Economic Zone and Freeport Saldanha IDZ supports green and advanced manufacturing, ideal for mechatronics and nanotech applications.



WHERE TO INVEST IN THE WESTERN CAPE

Biotech: Vaccine development, diagnostics, genomics, and agricultural biotech.

Mechatronics: Robotics, aerospace systems, smart manufacturing, and automation.

Quantum Computing: Cryptography, simulation, and quantum sensing.

Cape Town Life Sciences Cluster: Biotech and genomics innovation.

Stellenbosch: Mechatronics and quantum research.

Atlantis Special economic Zone and Freeport Saldanha: Advanced manufacturing and nanotech applications.

R&D Partnerships: Collaboration between universities, startups, and corporates.

Export Acceleration: Support for international market access and compliance.

DEEP TECHNOLOGY BUSINESSES IN THE WESTERN CAPE



Scan for more information

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