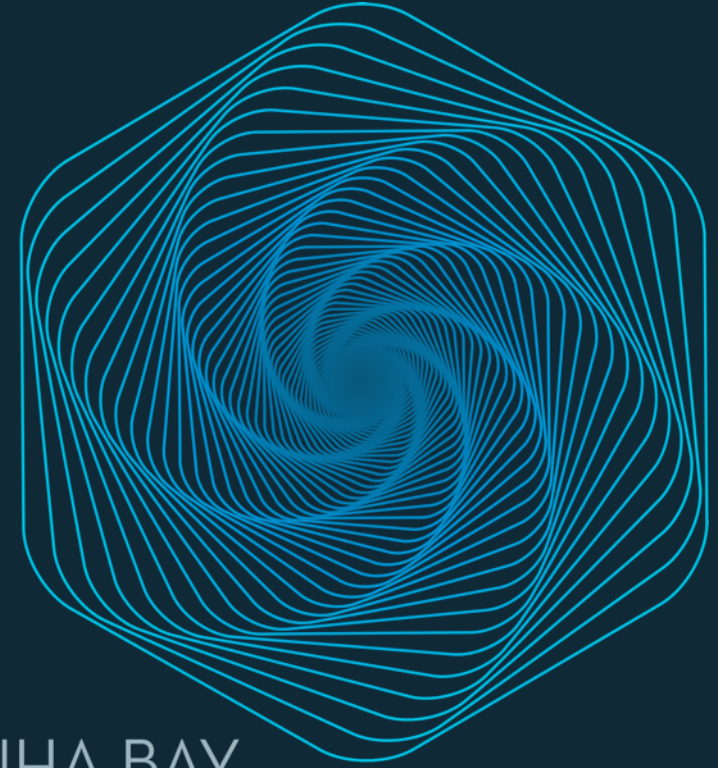


DroneTech Innovation Challenge

2021

*Extraordinary ideas and innovative
solutions of South African
entrepreneurs in the DroneTech
industry*

**ALWAYS LEARNING
ALWAYS INNOVATING
ALWAYS COLLAB'ING
OUR FUTURE**



SALDANHA BAY
**INNOVATION
CAMPUS**

AN INITIATIVE OF THE
SALDANHA BAY
INDUSTRIAL
DEVELOPMENT ZONE



Delta Scan

Delta Scan is a data analytics company enabled by drone technology. They have developed a unique approach to capturing data in a three-dimensional space using drones which is thereafter used to create digital twins for analysis by artificial intelligence. The company has also built their own web platform to view and manage the data creating a new form of asset management in the cloud. As a result, they have disrupted the way inspection, digitisation and management of infrastructure on industrial sites, mines, refineries, and commercial buildings are being handled.



Target Market



- Engineers and Quantity Surveyors
- Insurers
- Inspection companies
- Asset Owners

Drone application: **Inspection**

Founding year: **2018**

Website: <https://deltascan.co.za/>

Contact person: **Darryl Epstein**


Email: darryl@deltascan.co.za

Investment ask: **Access to new markets**

AutonoSky

AutonoSky has solved the problem of obtaining real-time footage from drones by creating a video streaming solution that consumes, analyses (using custom artificial intelligence) and distribute payload data safely and securely with a latency of less than 0,5 seconds. It also facilitates retrospective analysis and reporting. The direct application of this technology service lies with first responders in the medical emergency industry and firefighting organisations who could use the video to locate danger, navigate towards it and finally resolve it.

Target Market

- 
- First responders in the fire and security space.
 - Multiple industries (the technology is cross cutting)



AUTONOSKY

AERIAL TECHNOLOGY SOLUTIONS

Drone application: **Real-time footage**

Founding year: **2020**

Website: <https://autonosky.com/>

Contact person: **Amit Ramdath**

Email: amit@autonosky.com

Investment ask: **Access to new markets**

RBI Drone Tech

RBI Drone Tech is revolutionising flight and inspection processes using autonomous drones, whose flight path's is predetermined off-site. The drone will then take pictures of the object before returning to its home base where the data is retrieved & uploaded to the cloud for automatic analyses and creation of a unique 3D model & analytics report. This model can be interacted with and analysed further as a practical maintenance optimisation solution. Using this technology, engineers can then access this data at any time, from anywhere with an internet connection, also reducing the health & safety risks of the field inspection teams and increasing productivity.



Target Market

- Telecommunications industry (high quality images)
- Construction industry (site inspections)
- Maritime industry (vessel and equipment inspections)

Drone application: **Inspection**

Founding year: **2017**

Website: <https://www.rbitech.co.za/>

Contact person: **Armandt du Toit**

Email: Armandt@rbidrone.co.za

Investment ask: **Access to new markets**

4th place Scale-Up Winner

WiPo Wireless Power

WiPo Wireless Power is Wi-Fi but for electric power. Batteries have not changed significantly over the last century however the demand to power robotics and personal mobility devices, and the need to make devices truly mobile and reliable by cutting the final cord, the power cord, has. WiPo Wireless Power provides wireless power solutions for robotics (drones, AGV, ROV), medical and personal mobility devices (electric wheelchairs, e-trolleys, e-bikes, e-scooters), and other medium power devices. It brings safe, touch free, hygienic and shock free charging even to under water or dirty conditions.



Target Market

- Drone manufacturers
- Drone distributors

Drone application: **Wireless charging**

Founding year: **2017**

Website: www.wipo-wirelesspower.com

Contact person: **Jaco du Preez**

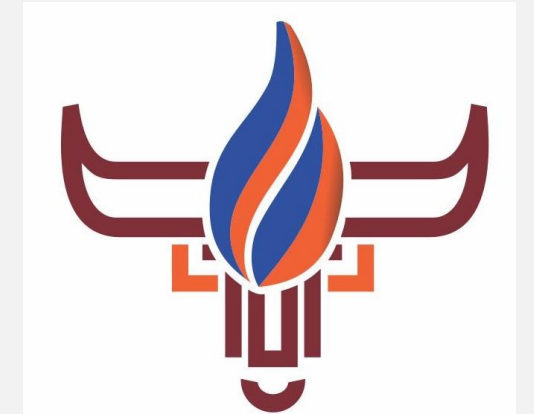
Email: jaco.dupreez@wipo-wirelesspower.com

Investment ask: **Partnership with drone**

manufacturers, R8 M pre-seed investment, entry into US, EU and Africa

Taurus Energy Services

Taurus Energy Services is a commercial company registered in terms of South African law. Taurus runs a liquefied petroleum gas distribution business, as well as an environmental and energy consulting service. Taurus Energy aims to make use of Lidar technology already on the market to identify risk areas onsite, using appropriate software. Once identified, drones will then be used to collect physical samples (air, water, etc.) to be analysed. This will allow for detailed audits that look to mitigate environmental impacts.



Target Market

- Private entities have **environmental reporting burden put on them based on their activities**
- Public entities like government owned landfill sites

Drone application: **Environmental auditing**

Founding year: **2017**

Website: <http://www.taurusgas.co.za/>

Contact person: **Garreth Grosch**

Email: taurusgas@outlook.com


Investment ask: **R650 000**

Luminous Marketing and Branding

Luminous Marketing & Branding is a full-service Digital Marketing Agency. Their aim is to provide professional Integrated Marketing Services, Aerial Photography and Videography tailored for the Property and Agricultural space. They aim to provide drone services as part of an integrated solution incorporating the creation of compelling marketing material (videography, images for profiling) as well as by providing property mapping and development monitoring services. Their services will be conducted by licensed drone practitioners.



Target Market

- 
- Property agencies
 - Real estate agents

Drone application: **Real estate management**

Founding year: **2020**

Website: www.luminousbrands.co.za

Contact person: **Nokukhanya Kubheka**

Email: khanyo@luminousbrands.co.za

Investment ask: **R 73 995**

SALDANHA BAY
INNOVATION
CAMPUS

For any additional queries, please contact:

davis.cook@riis.co.za

+27 82 449 3585

adinda@sbidz.co.za

+27 82 662 7450

ALWAYS LEARNING
ALWAYS INNOVATING
ALWAYS COLLAB'ING
OUR FUTURE

