



**Uloyiso
Earth Energy**



Uloyiso Earth Energy

Company Profile



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WHO WE ARE

Uloyiso Earth Energy aims to impart practical knowledge of ecologically sustainable power generation solutions to the agriculture sector by using available funds from all business

sectors for social upliftment development. We aim to do this in a way that enables opportunity and growth for individuals of these communities to gain employment by building sustainable long term business opportunities for themselves and their communities. Our goal is to ultimately drive sustainable change by working hand-to-hand with communities of these agricultural land spaces to uplift the Living Standard Measure (LSM) of all individuals in South Africa.

We do this by imbedding our sustainable renewable energy solutions into partnerships with the local micro economic communities that surround these land spaces.

Uloyiso Earth Energy was born from the realization that the joining of Uloyiso AgriVoltaics and Eco Earth Energy's shared visions and missions can be best achieved together.

Uloyiso Agrivoltaics, a Level 2 BEE company and Eco Earth Energy, a division of MPU Group with more than 30 years' technology and business experience.



Mission

- Manage carbon and ecological footprints by introducing community based self-sus-
- Drive economic empowerment to people within localised communities.
- Increase the use of renewable energy in South Africa.
- Create jobs for renewable energy and other agricultural and farming needs.
- Secure economic upliftment through sustainable education and job creation pro-



Vision

To educate local and rural communities on eco-friendly and sustainable financial improvement programmes for the personal growth of these people within Agrivoltaics and farming in South Africa.

AGRIVOLTAICS



Agrivoltaics is the opportunity for solar power generation technology to be implemented on agriculture land spaces. This allows for the establishment of renewable power solutions to farmers and their communities where it ensures a multitude of ecological benefits to the agricultural land.

This development together with agricultural farming activities promises a brighter future.

Through the ecological, economic and educational upliftment in agrivoltaics, it is the clear direction for the future of farming.

Uloyiso Earth Energy has undertaken the role of facilitating sustainable economic growth and food security, by addressing skills disparities and the energy crisis. These key elements will help with infrastructure development, social upliftment, energy distribution and job creation on a sustainable level.

Uloyiso Earth Energy will fulfil objectives of community development by:

- Conducting skills transfer courses to the community for implementation in agrivoltaics.
- Establishing local agricultural training center for community members and the youth to become commercial farmers and renewable power experts.
- Provide the opportunity to members in the community to attain economic freedom.
- Setting up a commercial sustainable farming operation.
- Instilling mentorship programmes for a sustainable community development.

PROJECT SOLUTIONS

We fulfill solutions of power generation into agrivoltaics by:

- Supporting all business industry needs to invest back into community upliftment programmes.
- Implementing income based renewable energy solutions to support the LSM and SEM growth of these direct communities.
- Creating ROI directly from the projects, for re-investment across all partners.
- Implement educational programmes to ensure new skills and workforce sustainability.
- Close the current R 19 billion funding gap for renewable energy requirement in South Africa post the COP 2021 conference.

Uloyiso Earth Energy is committed to fulfilling solutions for power generation in agrivoltaics to immediately help overcome economic challenges people in these sectors face daily and across our beloved country, with solutions that include:

- Commercial and Industrial EPC Solutions.
- Utility Scale Solar Technology.
- Commercial Power Purchase Agreements.
- Solar PV Wheeling Projects.

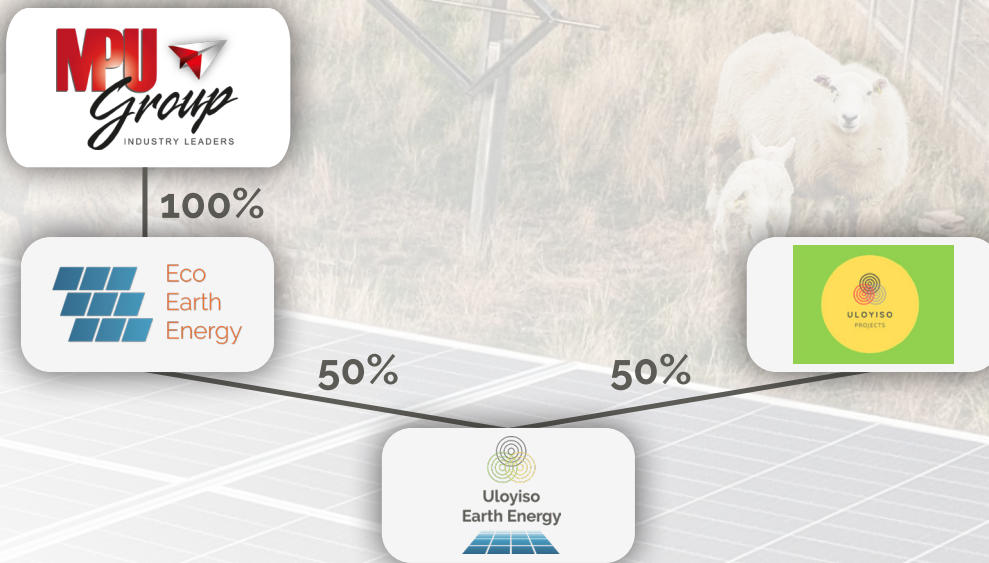


Our Partners

Our approach to service delivery and the unique financial solution along with superior product quality sets us ahead in our industry.

With support from our partners, we are able to ensure the continuous implementation of renewable energy sources to grow, employ and educate these farming communities.

GROUP STRUCTURE



Key Members



Zintle Lushaba
AgriVoltaics Chairperson

As a professionally registered Town and Regional Planner, Zintle has gained valuable insights into the public and private sectors. Zintle's experience of Spatial Development Frameworks for spatial transformation in all spheres of government has helped her understand the need of people in community participation.

Being from a rural town in the Eastern Cape has helped Zintle realise the difference Uloyiso Earth Energy makes to the lives of our people. Zintle's passion for redressing past community ills by overcoming broad spectrum community challenges by using the insights that she has gained from spatial planning, has given her the innate ability to use this as a tool for the resolution to the challenges at hand.

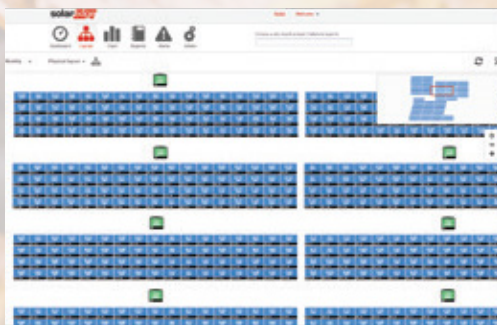
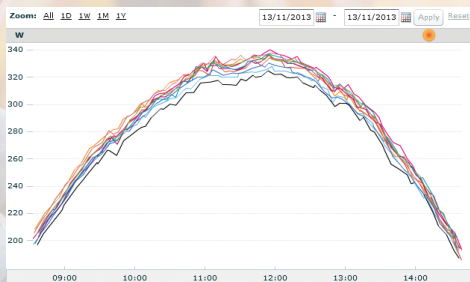


Johan Steyn
MPU Group CEO

Johan is the Chief Executive Officer for the MPU Group, a visionary with a modern take of the technology industry and the organisation. With more than 12 years' experience in the Office Automation and Office Solution Industry, Johan also holds a post graduate ACMA Qualification through CIMA. With Johan's vast experience and industry insight, Johan has been able to grow the group with smart, new businesses and strategies which add value to new industries such as agrivoltaics.

Johan's unique business philosophy is driven from creating a culture of integrity and accountability where he believes in a business's success deriving from leadership accountability.

TECHNOLOGY USED



The 24 Hour Self-Monitoring system is future-proofed, supporting easy upgrades to solutions you will need today and in the future. It supports monitoring of equipment such as:

- Battery storage.
- EV charging.
- Smart energy.

The technology brings easy manageable proven value to a range of applications such as:

- Commercial rooftops including carports, gas stations, shopping centers, and hotels.
- Industrial rooftops including manufacturing sites, factories, and cold storage facilities.
- Public buildings including schools and universities, municipalities, and hospitals.
- Agriculture (agrivoltaics).
- Floating systems.

The monitoring app for your solar customers

The active use of the 24 Hour Self-Monitoring systems allows for the overall support of our renewable energy solutions to empower those educated to manage and support the technology and create self-sustaining businesses and economics in their communities.



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