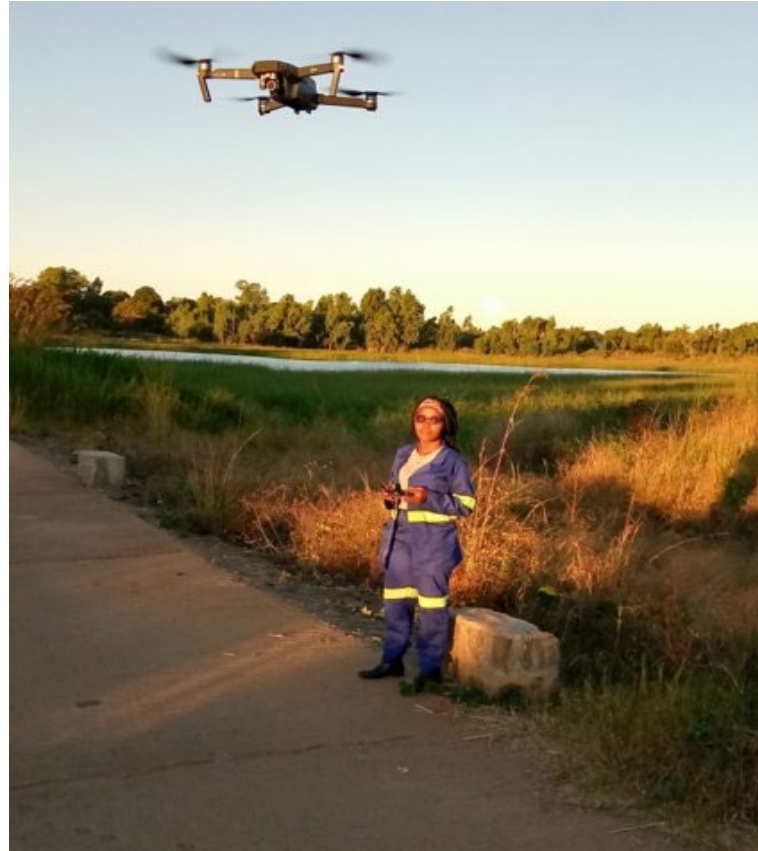


CARBON MONITORING USING DRONES AND EARTH OBSERVATION SATELLITES

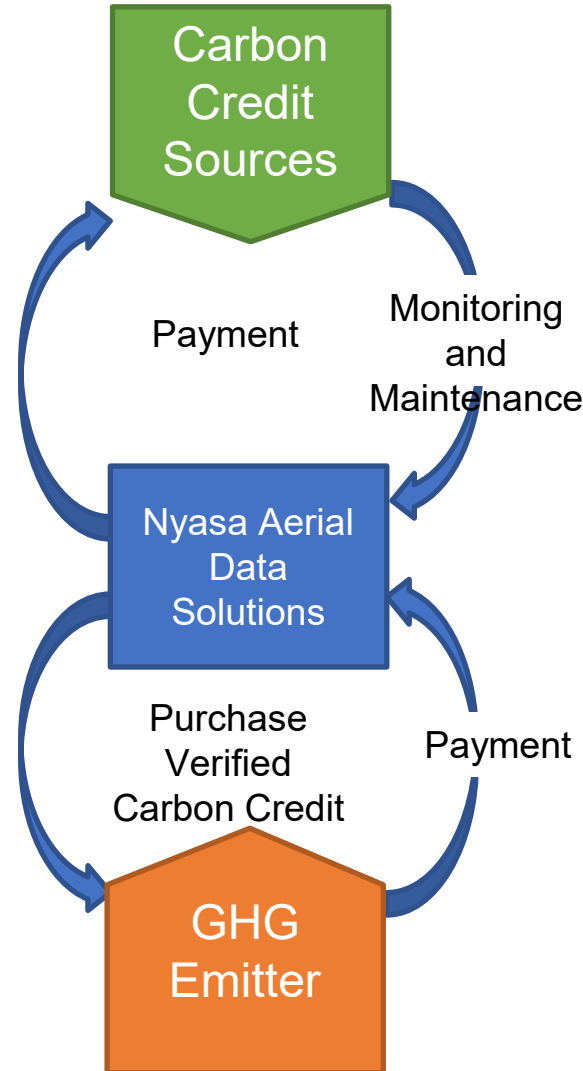


Nyasa Aerial Data Solutions Ltd.

Winner 2021 Copernicus Masters (University Challenge)

Problem

- Reducing concentration of carbon dioxide in the atmosphere to mitigate climate change is one of the greatest challenges of present day.
- Emitters invest in projects to compensate for their emissions.
- As of 2020, the carbon market was valued to be > 229 billion Euros. The African continent hold only 2 percent of the projects on global carbon market.
- Existing tools for monitoring and verification of carbon storage are expensive.



Customer benefits

- Verifiable evidence to prove investments in offsetting projects.
- Customers will have estimated quantity of carbon
- Access to untapped carbon market, the African continent hold only 2 percent of the projects on global carbon market.
- Cheap solution compared to tradition approaches for carbon monitoring (LiDAR)
- Social impact in the community

Development status

2020

Training in drone and geospatial data technologies

Establishment of the startup

2021

Access to mentorship and high-resolution satellite data resources

2022

Development of UI/UE

Field testing

Initial piloting



Thank you for your attention!!!

Contact us

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