

Future50

Food, Agriculture and
Land Use (FALU)

Precision Agriculture/Robotics



Aerodyne Group



<https://aerodyne.group>

#BuiltEnvironment
#ClimateTech

Impacts:

Aerodyne notes that its solution can enable organisations to rapidly scale, digitally transform, optimise operations, and increase productivity and improve operational efficiency.¹⁴⁶ Aerodyne's solution seeks to enable remote operations without physical presence at tower sites.¹⁴⁷ The company's ARGENTAVIS and FULCRUM drone solutions seek to develop the **sustainable logistics sector in terms of shore-to-platform and platform-to-platform operations.**¹⁴⁸ Aerodyne also provides agricultural solutions, helping farmers **increase productivity and harvest yield.**¹⁴⁹

Highlights:

The company is **currently raising up to US\$200 million for its Series C fundraising round.**¹⁵⁰ It indicates being operational in 45 countries. Aerodyne has reported that it is being recognised by the **Malaysian Book of Records** for being the first UAS company in Malaysia to receive a **Special UAS Project approval for its Nested Drone Project.**¹⁵¹ Aerodyne is part of **Masdar City's INNOVATE** platform in the United Arab Emirates.¹⁵²

Headquarters:

Malaysia

Middle East operational countries:

Oman, Saudi Arabia, United Arab Emirates, Jordan, Kuwait

Summary:

Aerodyne Group was ranked the world's number-one remote sensing drone service provider for two consecutive years, in 2021 and 2022, by Drone Industry Insight.¹⁴⁵ It seeks to adopt a **holistic approach to drone tech, data tech, and digital transformation (360DT3)**, and helps organisations overcome complex industrial challenges through drone data and AI-powered analytics.

Aerodyne specialises in **managing critical assets, such as power lines, solar facilities, telecommunications infrastructure, agriculture, and oil and gas operations.** The company collaborates with organisations using a Build-Operate-Transfer (BOT) model, with the aim of empowering them to establish their own in-house drone capabilities.

Strategic alliances:

- Fortune 500 Companies
- Governments (Infrastructure, Highways)
- Energy Companies
- Agriculture/Farms
- Infrastructure Maintenance Companies

List impact technologies:

Low-GHG Air Travel, Precision Agriculture, Wind Power

