

Future50

Food, Agriculture and
Land Use (FALU)

Earth and Marine Protection Deforestation
Prevention, Reforestation and Afforestation



Understanding Through Imagery

Distant Imagery



<https://www.distantimagery.com>

#ClimateTech

Headquarters:

United Arab Emirates

Middle East operational countries:

Bahrain, Oman, Qatar, Saudi Arabia

Summary:

Distant Imagery seeks to **restore mangroves and collect environmental data** by utilising **drone technology**. Its ecologically driven methodology is designed to **mimic nature's restoration process**, with drones used to speed up and make the process more efficient. The company claims to be the first to successfully restore mangroves through drone planting, with self-engineered and self-built drones specifically for mangrove restoration.¹⁷⁶

Impacts:

Distant Imagery states that it uses **imagery data for site selection** and then manually programmes the **drones, which then drop the seeds** in the soil. The company estimates that it has a **40-44% success rate**, helping plant **1.5 million mangrove seeds** in the UAE.

Highlights:

Distant Imagery has been recognised by **World Economic Forum UpLink** as an **Oceans and Blue Carbon top innovator**.¹⁷⁷

The company has also secured a project with the Abu Dhabi National Oil Company (ADNOC) to plant 2.5 million mangrove seedlings across Abu Dhabi.¹⁷⁸ This is part of its drone-planting technology partnership with the **Abu Dhabi Environment Agency** as part of which it has planted one million seeds.¹⁷⁹ It has planted another 500,000 seeds in partnership with **Engie Middle East**.¹⁸⁰

Strategic alliances:

- Businesses (Large Companies)
- Construction Companies
- Manufacturing Companies
- Energy Companies
- Government

List impact technologies:

Precision Agriculture, Habitat Restoration Technology, Aerial Environmental Analysis

