

Modern farming faces several challenges on a global scale, which impact sustainability, efficiency, food security and livelihoods of communities.

#### The five major challenges:

- Climate change and extreme weather events
- Resource scarcity, cost of deployment
- Biodiversity loss and pest management
- Rising population and food security
- Economic pressures on farmers and lack of economic funding.

Impresario believes technology in its broadest sense has the potential to reshape modern farming, and potentially Country Agribusiness strategy.

### Impresarios five outcomes of delivering FaaS

- **1.** 10% of National Farm supplies (country by country) purchased via the portal with 5 years all benefitting from circa 20% discount over a singular purchase.
- **2.** Use the platform to increase In-country developed IOT solutions and attract FDI partners.
- **3.** Provide tools and build a consulting ecosystem to accelerate digital transformation on a single farm or in country.
- **4.** Working with the National banking and Insurance community create an Independent funding stream created out of net profits using the IOT as tools for verification and governance.
- **5.** Create a sustainability Aggrotech digital educational platform to cascade best practice, via community involvement.

# "Farm as a Service" FaaS

The provision of agricultural activities, resources, and expertise on a subscription or on-demand basis, enabling community or estate farms to explore the digital transformation journey without owning or managing the physical farm mechanical or digital infrastructure.

Service Portfolio IOT Web3 Software Mechanical Digital Consulting

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### Top-Down / Bottom-Up Strategy

Under the brand name ELIOT, Impresario have engaged with Governments, Central and regional banks to help integrate digital transformation into National agenda.

From the bottom-up ELIOT has engaged with community and Estate farms as far afield as Canada, Brazil, Nigeria, Ghana, Uganda and Pakistan. This hands-on approach, in some cases has needed Impresario and its founding farmers to Engauge in species strategies, land utilisation, channels to market and carbon sequestration and resultant credits.

Funding has been earmarked via ELIOT is available at the founding farm level to assist with the digital transformation journey and out of net profits create highly competitive micro loans at the community farm levels.

Circa sixteen IOT / Web3 and AI modules have already been produced and countries are investigating specific commercial, data capture and analytics models.

## For other INSIGHTS contact: Ambassador. Dr. Nicholas Jeffery njeffery@ImpresarioPartners.com

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