

Product Brochure 2019



InspiraFarms

Competitive | Sustainable | Agribusiness

Modular, energy-efficient cold rooms and packhouses, technical assistance, and asset finance to improve the competitiveness and sustainability of agribusinesses.

InspiraFarms.com

Certified



Corporation

What We Do

InspiraFarms provides agribusinesses and food distributors with sustainable growth solutions that significantly cut energy costs, come ready to meet the major international food safety certifications, and allow for remote performance monitoring on or off-grid.

We deliver a package of energy-efficient pre-cooling and cold storages, pack-houses and automated ripening chambers; client-centered technical support; and affordable asset financing terms that agribusinesses to leapfrog barriers to emerging technology and finance and grow sustainably.

Our strategic partners

FACTOR[e]
VENTURES



pymwymic



montpelier
Foundation



Shell
Foundation

 SunFunder

Our customers



Underlying Technology



Modular structures that come certification-ready

InspiraFarms structures are lightweight, expandable, and quick-and-easy-to-install. They incorporate a laser-cut galvanised steel framework and high-quality insulated panels that allow InspiraFarms technology to operate at high-energy efficiency almost anywhere on earth.

Shipped as a turn-key solution direct to a client's installation site, these structures are designed to comply with food-safe certification standards and can be relocated, allowing installation on short- or long-term sites.



Thermal storage system to mitigate unreliable electrical grids

Each InspiraFarms facility comes fitted with a thermal storage system to buffer the effects of unreliable electrical grids, and to ensure active operation during power outages for 18 to 24 hours with a full charge. This provides a life-line to fresh produce storage systems that are susceptible to grid failure or that rely on diesel generators.



Automation and remote monitoring systems

Every InspiraFarms facility includes a remote performance monitoring system, with options for tracking key quality indicators, such as pulp temperature, relative humidity, and ethylene concentrations.



Solar Options

Off-grid and hybrid packages are available for all InspiraFarms facilities.



Core Technological Capabilities

- Energy-efficient forced-air cooling, cold storage, and controlled ripening
- Compliant with European (CE) quality standards
- Modularity allows for rapid deployment of turnkey facilities directly at client sites
- Cutting-edge design to enable 'portability' and collateralisation of the asset for financing purposes
- Automation and connectivity services to enable remote performance monitoring and service delivery

Core Delivery Capabilities

- Local contractors that are insured and compliant with regulations for installation and maintenance services
- Internal systems integration allows seamless service delivery of facilities from production to shipping, installation and after-sales services





Energy-Efficient Pre-Cooling and Refrigerated Storage

Solutions range from 30m² rooms for decentralized operations to large-scale pre-cooling and cold room solutions.

Our cooling technology is inclusive of thermal storage solution to help agribusinesses maximize dynamic electricity pricing, and to avoid or dramatically reduce reliance on diesel generators.

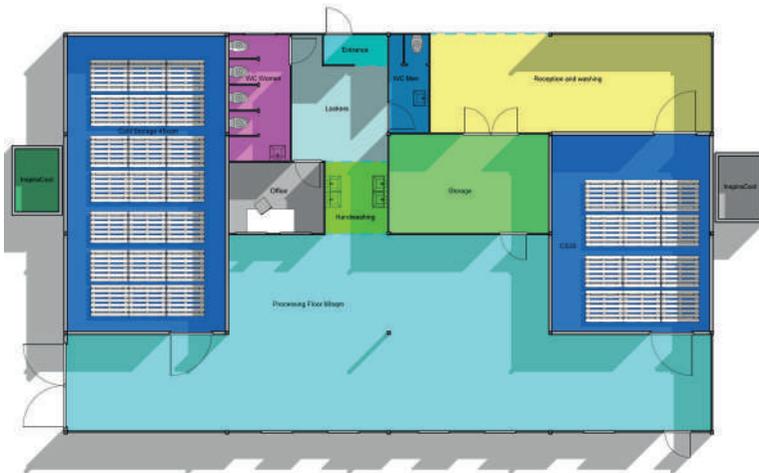




Packhouses

Our packhouses integrate a cold rooms with handling and processing space, as well as hygiene and administrative areas. InspiraFarms design ensures best-in-class workflows and compliance with international food safety standards, making it easier for agribusinesses to comply with the demands of higher value markets and supply chains.

Solutions range from 60m² to 2,000m², and come with fully automated remote monitoring and controls to track operations.





Technical Services

InspiraFarms provides our customers with a growing suite of pre- and post-sales technical support and value-added services that aid clients in understanding the potential returns on investment, compliance with certifications, and improved supply-chain management and visibility.

Pre-sales technical support

- Return on investment analysis and planning
- Design of packhouse flows and options for improved supply chain management

After-sales technical support and value-added services

- User training and video database
- In-warranty checks and maintenance
- GIS-based data and analytics
- Extended warranty
- Customer-specific technical support packages



Asset Finance

InspiraFarms along with our co-investors have established the InspiraFarms Credit Facility 2.0. This unique facility fills a significant gap in the asset finance market, and greatly enhances affordability.

Terms for the credit facility include:

- Hire Purchase agreement (HPA) with repayment terms of 2-3 years, in line with the value generating potential of an InspiraFarms unit.
- The InspiraFarms facility serves as the collateral for the HPA
- A 1-hour assessment is required to determine initial qualification
- A 3-week due diligence process that assesses historic and projected financials for the purpose of understanding the additional net value to be created by the InspiraFarms unit



Pay-as-you chill: access to energy- efficient cold chain as a service.



**Access to energy-efficient
cold chain facilities**



**Pay for volumes cooled,
thereby concerting capex
into opex**



**Placement of cold rooms in
strategic production areas**

InspiraFarms' service offers access to cold rooms and pre-chilling rooms, installing infrastructure near production areas (First Mile Distribution Cold Storage). The refrigeration service is paid according to the volume stored, thus facilitating access to the cold chain for agribusinesses.

*enquire us to check availability in your country

EXTINGUISH WITH WATER

NEVER TOUCH HOT SURFACES

NEVER TOUCH LOW TEMPERATURES

MSB - WEAR SAFETY GLOVES

CE MADE IN ITALY



inspire



InspiraFarms

Cooling solutions that are 40-60% more energy efficient than competitors*

For more information contact a
Customer Service Manager at:
info@inspirafarms.com

Our locations

United Kingdom
+44 (0) 20 3893 2420

South Africa
+ 27 (0) 82 2574116

Italy
+39 (0) 756090520

Mexico
+52 (155) 26545274

Kenya
+ 254 798 90 90 98

*Based on energy audits conducted in East Africa

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