

InspiraFarms Cooling designs, develops, installs, services and finances modular and energy-efficient cold rooms and pack-houses for perishables supply chains, focusing on African countries.

We provide agribusinesses of all sizes, exporters, 3PL and food distributors with cooling solutions to handle their perishable products, that significantly cut energy costs, reduce food losses and meet major international food safety certifications.

PROBLEMS

- Only 5% of African fresh produce enters the cold chain, compared to Europe's 94%. Thus, 30-50% of farm production across Africa is lost.
- The lack of cooling excludes many producers and farmers of global markets by missing food export standards on quality, size and food safety.
- GHGs emissions from food loss and waste are estimated to be 6% of global emissions. Decaying food releases Methane, with an impact of 27x of CO₂.
- Large volumes of perishables and IQF products are imported due to the lack of adequate storage facilities for local production.

THE COLD CHAIN OPPORTUNITY

- Pre-cooling and cold storage at farm level reduces food losses, extend shelf life, increase logistics options, and bridge the gap in quality and standards missed by producers for entering export markets.
- Cooling can curb greenhouse gas emissions (GHGs). 80% of food decay emissions can be cut.
- The growth of population and fresh produce markets is opening new export windows, such as China accepting fresh avocados from Kenya, for which cold chain at the farm is fundamental.
- Good post-harvest management and cold chain can generate high-quality rural jobs along the chain, stabilise the supply chain, and increase food security.

CORE PRODUCTS

We design, develop, deploy, and service a range of products with different dimensions and capabilities:

- ➔ Cold rooms – From 8 to 8,000+ pallets
- ➔ Precoolers
- ➔ Freezers
- ➔ Packhouses
- ➔ Slaughterhouses
- ➔ Long-term storage & controlled-atmosphere

WHY CHOOSE US?

- Unparalleled service and high-touch design process, backed with extensive cooling and agricultural expertise.
- Modular systems are easy-to-install and adaptable to client needs on cooling capacity and size.
- Turnkey delivery for any operation dimension.
- Highly energy-efficient, with structures and machinery that allow up to 25% energy savings
- IoT-driven for assuring full control of cooling and output quality.
- Affordable through flexible financing and a broad range of product dimensions and entry-level solutions.

KEY FEATURES

- Range of solutions for fruit and vegetable, flower, animal protein and temperature-controlled logistics industries.
- Real-time monitoring system with unlimited data on temperature, humidity, energy consumption, voltage, door opening, CO₂, ethylene and more.
- Three-phase & solar power enabled.
- Local maintenance services packages are available for any cooling machine.

CORE PRODUCTS

InspiraFarms Cooling serves the fruit, vegetable, flower, animal protein, and temperature-controlled logistics industries, with a focus on African countries.

It is positioned as the best at precooling fresh fruit and vegetables for high-value export markets.

The company's range of clients includes small and medium agribusinesses, small farmers, 3rd party logistics service providers and food supply chains, with a broad range of needs, from just 10 to 7,000+ pallets of capacity.

Some examples:

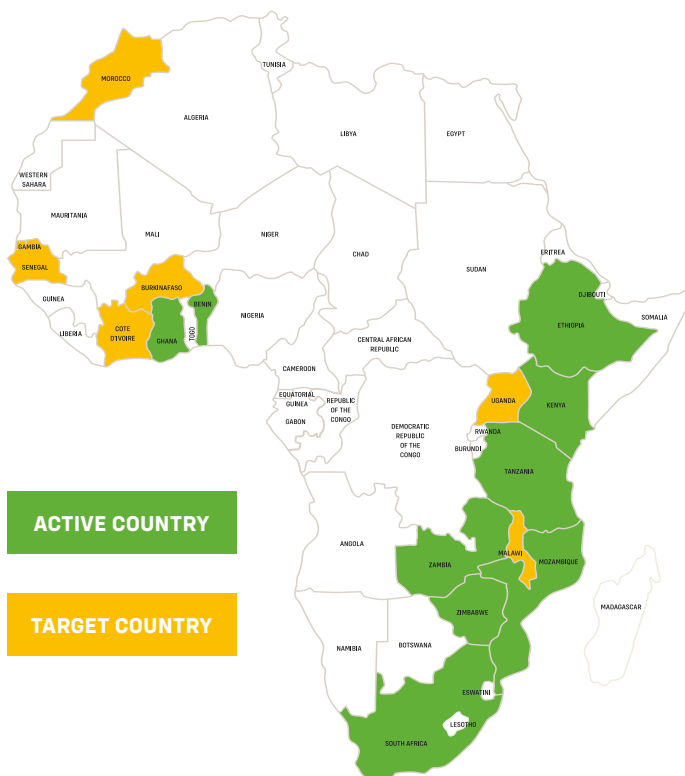
Kenya: French beans, snow peas, avocado, culinary herbs, baby corn, and blueberries.

Zimbabwe: Blueberries, citrus, avocado, stone fruit

Benin: Pineapples
Refrigerated airport terminal +1000sqm

Other countries: Rwanda, Ethiopia, Mozambique, Benin, Ghana, Ethiopia, South Africa, Morocco, Mexico, Guatemala, and Colombia.

THE COMPANY



IMPACT

REDUCE LOSSES	INCREASE SHELF LIFE	LOWER OPEX	ACCESS TO DATA
Reduce PHL	More Jobs	Lower CO₂	With more knowledge
12 RESPONSIBLE CONSUMPTION AND PRODUCTION	1 NO POVERTY	13 CLIMATE ACTION	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
Reduce losses to increase food availability and cut CO ₂ emissions	More quality jobs through food processing and enable direct exports	Reduced CO ₂ emissions with energy efficient designs & management, and less rotting food	Reliable, resilient, innovative & smart infrastructure

Impact is inherent in the InspiraFarms business model. The cooling solutions will reduce food losses and impact on the environment, to create sustainable businesses and build smart, clean cold chains in the developing world

Founded in 2012 with the goal of providing African agribusiness with the tools, technology and expertise to significantly reduce food losses and energy costs, and access higher-value markets.

InspiraFarms Cooling has deployed over 120 units across 15 countries. With 25 full-time employees spread across Kenya, Italy, UK Zimbabwe and South Africa.

The company is certified by B-corp, GLOBAL G.A.P., and Flowerwatch.

InspiraFarms Cooling is continuously innovating and building technical and financial features for its products, deploying physical infrastructure, with more services and features that maximise the efficiency, sustainability, affordability and returns on investment for its customers.

Since 2022 InspiraFarms Cooling technology is now available to retrofit any cold chain asset with many servicing options.

Contact us for your cooling needs

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