



InspiraFarms

**FIRST MILE
DISTRIBUTION
COLD STORAGE:
PAY-AS-YOU-CHILL**

Competitive | Sustainable | Agribusiness

CHALLENGES AND TRENDS IN THE AGRICULTURAL SECTOR

By **2050** a 34% global population increase is expected.



 Developing countries will need to **double** food production.

 There is only an additional **20%** of land available for the expansion of the agricultural sector.



More than **50%** of agricultural production is lost before reaching its distribution market.

10%

One of the main reasons for food loss is that to date only 10% of the global fruit and vegetable production is stored in the cold chain.



In developing countries, only 4% of food is stored in the cold chain



INSPIRAFARMS FIRST MILE DISTRIBUTION COLD STORAGE



Access to energy-efficient cold chain facilities



Pay for volumes cooled, thereby concerting capex into opex



Placement of cold rooms in strategic production areas


PAY-AS-YOU-CHILL:

InspiraFarms' service offers access to cold rooms and pre-chilling rooms, installing infrastructure near production areas (First Mile Distribution Cold Storage). Our vision is to install a global network of remotely operated InspiraFarms units in developing agricultural areas, available to growers when they need it. The refrigeration service is paid according to the volume stored, thus facilitating access to the cold chain for thousands of agricultural producers, and conserving the quality of millions of tonnes of fruit and vegetables around the world. This enhances producers' development and facilitates their access to markets, InspiraFarms cold rooms come **ready to be certified, they are modular and energy efficient.**



WHAT MAKES US DIFFERENT?

Efficiency and Energy Security

 40-60% less energy is consumed compared to other solutions for pre-cooling.



Thermal storage provides a backup of 12-36hrs of cold in case of a power cut.



Single phase connection, with the option to operate with solar energy.

Modular Technology



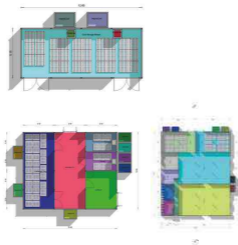
Adaptable for use in any production area, even where there is no pre-existing infrastructure.



Easy installation and mobilization if a location change is required.



Adaptable to any size of operation with the possibility to increase the installations as necessary.



Remote Performance Monitoring







Remote operational monitoring



Generation and monitoring of indicators in real time.

HOW DO WE OPERATE?

-  Analysis and definition of services are undertaken based on the needs of our customers.
-  Proposals include size and type of infrastructure.
-  Payment by volume of product that requires pre-cooling or storage.
-  Price of the service reflects the projection of volumes and type of product.

