



Ecozen is innovating at the intersection of Clean-Tech and Internet of Things for the agriculture sector; an energy focussed company that provides Renewable Energy based products. Founded in 2010 by three Indian Institute of Technology (Kharagpur, India) graduates, the company is a differentiated tech based agriculture supply-chain solutions provider.

## Founders

Devendra Gupta, CEO | Prateek Singhal, COO | Vivek Pandey, CTO

## Key Milestones



**150 +** Ecofrost (Solar Cold Rooms)



**21,000 +** Ecotron (Solar Pump Controllers)



**8** Patents Applied

**100 MN KWH**  
clean energy generated per year

**100,000 LTR**  
of diesel saved per day

**90,200 ACRES**  
of land area irrigated

**30,000 MT**  
perishables served



OMNIVORE  
PARTNERS



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# LONGER SHELF LIFE, BIGGER PROFITS.



India's First Modular Solar Cold Room

# THE REVOLUTIONARY MODULAR SOLAR COLD ROOM

Convert any insulated room into a cold room.

A standalone cooling system designed to operate reliably in regions with challenge of quality power supply. It enables you to retain the quality of your perishable produce and can be used in a packhouse, mandi or at a farm gate. We also provide market linkages to customers through our in-house developed mobile and web application.

## Ecofrost

Available in **Standard & Modular** variants



Solar Powered Thermal Storage To Operate Without Power



IOT Enabled Predictive Maintenance



Suited To Work At Collection And Distribution Points



8  
HOURS

Grid Hybrid 8 Hours On Non-Solar Variant



30

Upto 30 Hours Of Batteryless Backup

4°C

Temperature Range Of 4° C And Above\*

DIFFERENT PEOPLE,  
DIFFERENT NEEDS.

Ways To Own Ecofrost:



Upfront  
Purchase



Lease &  
Rental



Community  
Model



Available Room Sizes (in Feet):

15X10X10 | 12.5X8X10 | 16X8X8



A platform developed in-house, it conducts predictive diagnostics with the help of Artificial Intelligence and Data Science.



Unique thermal energy based technology. Provides you low cost, battery-less backup of upto 30 hours.



Inverter Technology based refrigeration system that works efficiently, even during hours of low sunlight.



## CUSTOMER TESTIMONIAL

“

We use Ecofrost to store flowers and vegetables. Previously we had a room with an electric air conditioner. It didn't cool enough for flowers and they lost their quality and were mostly wasted. Ecofrost runs on solar power & supported with a mobile app, where we select a crop and it automatically sets the right temperature. We can store goods in the Ecofrost for 15-20 days and so in the market, we can get better prices. We are going to buy two more Ecofrost and expand this farm.

”

- Ravi Deokar  
Kasurdi, Maharashtra.