

Rs.250 Crore Food Park in Assam

Inaugurating a food park at Nalbari, Assam, Union Minister Harsimrat Kaur Badal said it would leverage an investment of about Rs.250 crore. The food park, sanctioned by the Centre, was inaugurated by Assam Chief Minister Tarun Gogoi, along with Union Minister of State for Home Kiren Rijiju and Harsimrat Badal.

Food Processing Minister Badal said that the Mega Food Park would leverage an additional investment of about Rs. 250 crore in 30-35 food processing units in the Park and generate a turnover of about Rs 450-500 crore annually. She added that the Park would also provide direct and indirect employment to 6,000 people and would benefit about 25,000-30,000 farmers.

The park has been set up with an investment of Rs.76 crore. It has dry warehouses with 10,000 tonnes capacity, cold storages of 3,000

tonnes, a common effluent treatment plant and quality control labs among other facilities. There is also a proposal to set up 6 primary processing centres (PPCs) at Nagaon, Badarpur, Tinsukia, Barapani, Krishnai and Kajalgaon, which will provide facilities for primary processing and storage near the farms.

The Centre provides financial assistance of up to Rs.50 crore for setting up Mega Food Parks for the creation of modern infrastructure facilities for food processing along the value chain from the farm to the consumer.

(Courtesy: The Economic Times)



Harsimrat Kaur Badal

Pluss Polymers Wins Cold Chain Innovation Award for PCM Use in Chest Freezers and Coolers

Pluss Polymers (now renamed Pluss Advanced Technologies Pvt. Ltd.), which specializes in research, development and manufacturing of specialty polymers and phase change materials (PCMs), won a Cold Chain Industry Award 2015 presented at the 4th Cold Chain Strategy Summit by Future Supply Chain. Its innovative application of PCMs in freezers and coolers won under the category *Cold Chain Initiative/Innovation of the Year*. The summit was held on June 9 at Westin, Mumbai.



Samit Jain receives the Cold Chain Industry Award

Over 8000 freezers and coolers integrated with saveE[®] PCMs have been commercially launched through various OEMs and are successfully operating across India since 2013. The features of these products are:

- The weight of PCM required is lesser by 50% compared to conventional glycol based eutectics for the same performance.
- The temperature maintained by PCM is constant, unlike in the conventional solution where it keeps increasing.
- PCM offers guarantee of consistent performance over a minimum of 3000 cycles.
- Over 60% energy cost saving from elimination of diesel generators.
- Reduction in the compressor cut-in/cut-out frequency by 50%.

Headquartered in Gurgaon, Haryana, Pluss is focussed on providing solutions for energy efficient and reliable temperature controlled storage and transport applications, branded under the registered trademark 'saveE[®]'. These are currently being used across various sectors in diverse geographies by OEMs and solution providers to create innovative solutions. Pluss is a venture funded organization with equity stake being held by Tata Capital Innovation Fund, a premium fund of the Tata Group. Its customers include AAPL, Kraiburg, Rhodia and HES Hacillar in the grafted polymer segment and Voltas, Blue Star, RGEES (USA) and several pharmaceutical companies in the PCM segment. It is led by entrepreneurs and technocrats Devendra Jain (Founder and Director - Research and Development), Samit Jain (M.D and Director - Business Development) and A. K. Mehta (Founder and Director - Manufacturing).

For more information, please visit www.pluss.co.in

ACR Consultants Wins CDC Accreditation

ACR Project Consultants Pvt. Ltd. has been accredited by Consultancy Development Centre (CDC), an autonomous institution of the Department of Scientific & Industrial Research (DSIR), Ministry of Science and Technology, Government

of India established in 1986. CDC's main objective is to promote and develop the consultancy profession in the country.

ACR may probably be the only firm to win this accreditation in the Refrigeration and Cold Chain field.

New Book Highlights the Hidden Connection Between Food Waste, Hunger and Climate Change



If food waste were a country, it would be the third largest emitter of greenhouse gases behind China and the United States. Yet, the connection between food waste and climate change is often missing. UTC Building and Industrial Systems, a unit of United Technologies Corp., has unveiled a new book to connect the issues of hunger, resource conservation and climate change mitigation.

John Mandyc, chief sustainability officer, UTC Building and Industrial Systems, and Eric Schultz, former chairman and CEO of Sensitech, a United Technologies company specializing in cold chain monitoring and visibility, have co-authored a 182-page book called *Food Foolish: The Hidden Connection Between Food Waste, Hunger and Climate Change*, which calls attention to the extraordinary social and environmental opportunities created by wasting less food.

One-third or more of the food we produce each year is never eaten. Meanwhile, more than 800 million people – a population

equivalent to the United States and European Union combined – are chronically hungry. Food waste also has a devastating environmental impact. The embodied carbon dioxide emissions in food waste alone represent 3.3 billion metric tons. That is the energy used to produce food that is never eaten, including fuel for tractors used for planting and harvest, electricity for water pumps in the field and the power for processing and packaging facilities. In addition to greenhouse gas emissions, the water used to grow the food we throw away is more than the water used by any single nation on the planet.

To order a copy of *Food Foolish*, visit www.amazon.com or www.FoodFoolishBook.com. Proceeds from the book will be donated to food charities.

For more information about sustainability initiatives at UTC Building and Industrial Systems, visit www.NaturalLeader.com, follow @UTCBS on Twitter or visit UTC Building and Industrial Systems' sustainability blog at www.SustainabilityView.com

LU-VE Group is on the Stock Market



Industrial Stars of Italy, a special purpose acquisition company of development capital quoted on the Alternative Investment Market (AIM) Italy of the Italian Stock Exchange, has taken LU-VE onto the stock market. ISI has signed an agreement for integration with LU-VE Group. The Liberali family will retain the *de jure* control of LU-VE S.p.A.

Cold Link and Cold Chain Africa Merge

In September, the first *Cold Link Africa* newspaper will appear, bringing together the best of both worlds (or newspapers rather). The new publication will focus on all aspects of refrigeration, following the cold chain from producer to consumer. *Cold Link Africa* will also have an online presence in the form of a new website (www.coldlinkafrica.co.za), and monthly industry newsletter and social media (including Twitter, Facebook and LinkedIn). John Ackermann, *Cold Link* editor will be the new editor of *Cold Link Africa*.

Cold Link Africa will be published by Interact Media Defined and appear alternate monthly for six issues annually.

Frigoblock Acquired by Thermo King



Frigoblock at the 2014 Hannover Motor show

The ownership of Europe's leading manufacturer of alternator driven transport refrigeration units, Frigoblock, has been acquired by Thermo King.

Since the 1970s, Frigoblock has pioneered the alternator driven refrigeration units for trucks and trailers. The alternator is driven by the engine of the vehicle, a rigid truck or mechanical horse and provides the AC power for the compressor and fan motors.

The company has its manufacturing plant outside Essen in Germany and produces in excess of 2,500 units annually.

Frigoblock's alternator technology, quality of product and expertise in their field is highly regarded across Europe.

(Source: *The Cold Link*, March - April 2015)

Allround Vegetable Processing

Allround (India) Vegetable Processing Machines Pvt. Ltd. is a professionally managed company. Registered in 2008 as a private limited company with headquarters in Holland, Allround (India) was initially started as a joint venture in the year 2007. Over a short period of existence, it has exported machines to China, Brazil, Mexico, Chile, Turkey, Thailand, Bangladesh, Kazakhstan, Ukraine, Australia, UAE, Costa Rica, Panama, Russia and New Zealand.



The upcoming factory of Allround Vegetable Processing at Ambala, Haryana

Allround Vegetable Processing, B.V., a 40 year old Dutch company, started manufacturing equipment and machinery for post-harvest handling and storage of potato, carrot, onion and bulbs in the year 2008 at the agro-climatically diverse and geographically suitable town of Ambala in Haryana. Since then the company, in association with PepsiCo, McCain and the local farmers and processors, has researched at grass root level in Gujarat, Punjab and some other states to identify the bottlenecks in mechanized horticulture. The inference drawn out of this research has prompted Allround to diversify into comprehensive solutions to manage these commodities right from crop to shop under one roof. A new factory with additional infrastructure for renting out to international companies is already under an advanced stage of construction at Village Kesari, District Ambala in Haryana.

With clientele in more than 65 countries and dealer networks in 43 countries, the company has recently intensified its activities in South America by having a self-sufficient office and service centre in Brazil to meet the processing demands of big farmers and processors in the continent.



Allround Chiller, 150 kW, installed at Aashu Cold Storage, Himmatnagar, Gujarat

The company's product range includes material handling, cleaning, washing, polishing, brushing, sorting, inspection, grading, topping, weighing, and bagging machines and lines for fruits and vegetables; and modified atmosphere/ controlled atmosphere storage for horticultural products. ♦

Ingersoll Rand Thermo King Self-powered T-Series M units

www.thermoking.com,
www.ingersollrand.com

This brochure covers the new T-Series truck refrigeration units from Thermo King, a brand of Ingersoll Rand. It describes the salient features of the series and features of its GreenTech engine, TSR controller, reciprocating compressor, coils and other components. The brochure mentions the extended maintenance interval of 2000 hours/ 24 months between oil changes, and tabulates the options, key specifications, dimensions and other data for models T-600M, T-800M and T-1000M.



Birla Aircon Freezer on Wheels

www.birlaircon.com

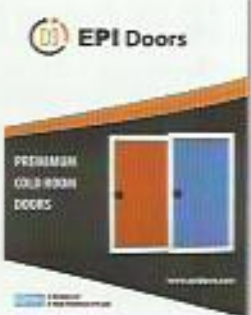
This leaflet gives the technical specifications of freezers that can be charged overnight and mounted on three wheelers for vending ice cream during the day. Pictures of the equipment manufactured for various ice cream brands are contained in the leaflet, to give a visual feel of the product. Contact details are also given.



E-Pack Polymers Pvt. Ltd. EPI Doors

www.epidoors.com

This flyer depicts the range of cold room doors from EPI Doors, a division of E-Pack Polymers Pvt. Ltd. It lists the application areas and benefits of the doors. These hinged overlap doors are available for chillers, freezers and blast freezers. Technical specifications are listed, and pictures of various doors and locking systems are shown.



Rinac India Ltd. Chill Kart

www.rinac.com

This flyer introduces the Chill Kart, a new range of eutectic trucks from Rinac that may be used for last mile transportation of products between -15 and -25°C. It lists the features, benefits, advantages and operation of the eutectic truck. A graph shows the temperature variation of the product over time during an eight hour delivery run. There is a comparison table between eutectic and forced cooling type systems for delivery vehicles. Technical specifications are listed. ♦

