

## **EXPERIENCE OUR LATEST INNOVATIONS**



**January 11, 2016 - The BoTemp team wishes you a prosperous new year filled with lots of good ideas and opportunities. As our mission statement is to offer green controlled refrigeration with low maintenance, low costs, reduced emissions and no noise, we are convinced that our latest innovations can be the solution that you are looking for.**

**In this newsletter we introduce to you the cold battery and cold charger. Two new products we have developed to meet our customers' needs. We invite you to visit our factory to experience the new product line first hand. Please contact our Sales Manager Bert Vellema at [bert@botemp.nl](mailto:bert@botemp.nl) to make an appointment or if you wish further information.**

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BoTemp produces mobile and static rechargeable cold storage systems. We apply phase change material (PCM) gel that is cooled through electric power. Our applications are used in panel vans and home delivery vehicles, especially to transport frozen or chilled food. Currently most applications use roof mounted beams to exchange cold.

The solution has surprising benefits:

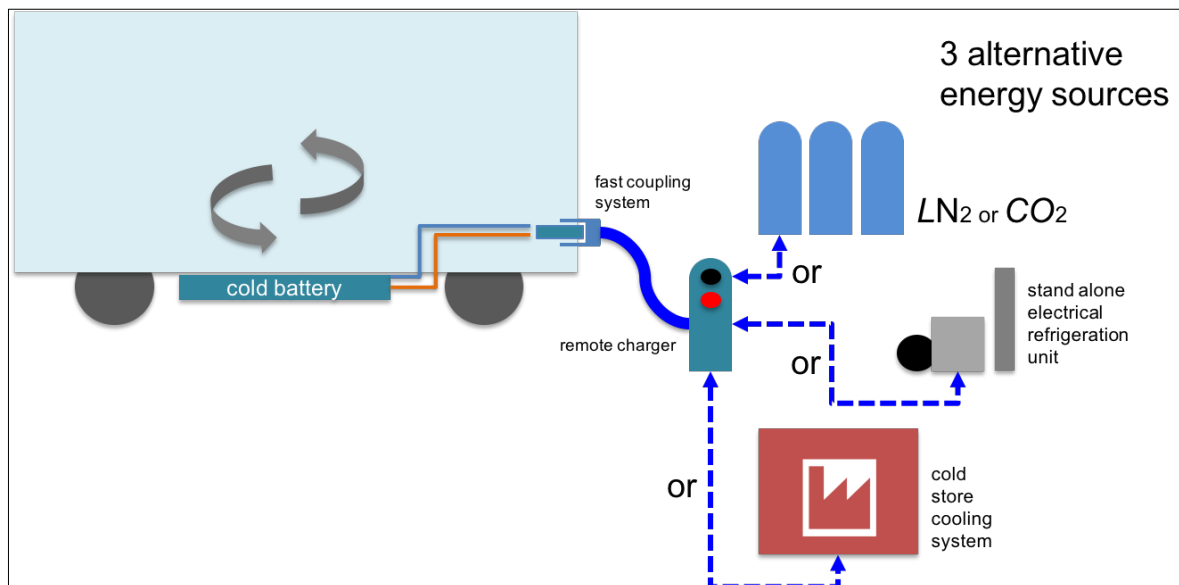
- low maintenance,
- low costs,
- reduced emissions and
- no noise.

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## **NEW PRODUCT ANNOUNCEMENTS**

### **COLD BATTERY**

We are proud to introduce our latest technology, the unique cold battery. The cold in the battery is distributed into the cargo area with forced air. By varying speed and capacity, a wide controllable temperature range becomes available which results in adjustable temperatures to meet your specific application needs. For example -18°C today and +4°C for the next delivery.



We also developed a stationary application of the BoTemp cold battery for cold storage facilities and office buildings. This application stores the cold generated via sustainable energy sources like wind or solar panels.

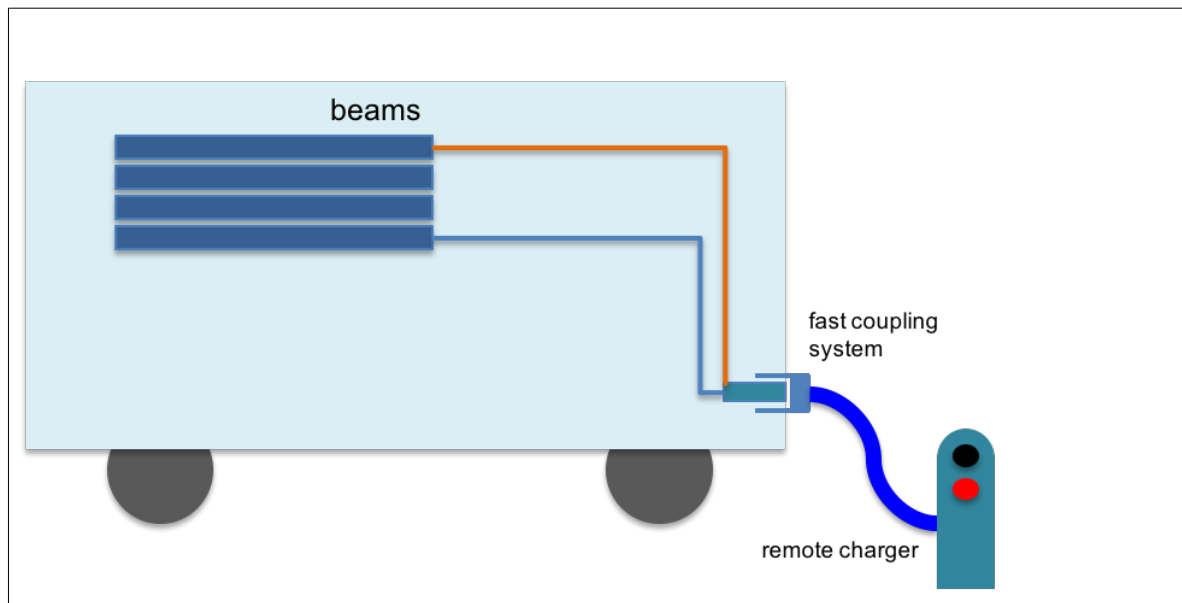
### Advantages Cold Battery

- Versatile solution for temperature controlled logistics
- Dynamic temperature control: variable and multi-temp
- Applicable for contingency and energy management purposes
- Built on proven track record of our beam technology
- Improved thermodynamic properties reduce charge time and heat absorption response time.

## COLD CHARGER

The other introduction is our remote charging system. In traditional applications the cold generating system is carried on the vehicle or container, which takes up valuable space. Our solution is a quick stationary charging system that stays at the operational base, while a battery or beam on board stores cold for daily operation.

The cold can be provided by any refrigeration system available. This could be a cold storage facility, a stand-alone refrigeration system, or Liquid Nitrogen (LN). The major advantage of the LN charging system is its extremely short charging time, which increases operational workload. The BoTemp cold charger is a flexible, low cost system and universally applicable; it can charge multiple vehicles, or containers at the same time.



## MEET BERT

Bert Vellema is our new sales manager. He has a lot of experience in an international, technical, B2B sales management environment. Due to his work for Philips and Fluke, a manufacturer of test & measurement equipment, he frequently travelled to foreign countries, like the Middle East, Turkey, Africa and the emerging countries. Bert will be overall sales responsible, and contribute to the further expansion in the foreign markets.

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## GENERAL CONTACT INFORMATION

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