

# CANTEK E-XPRESS

Our valuable companion, with whom we share the food security consciousness together.

We decided to prepare a bulletin to keep you informed about the important developments in CanteK family and our sector. From now on, at the end of each quarter, we will introduce you the bulletin named CanteK Express. In our first edition, our subject is the last quarter of 2019 we left behind. We did what we are used to again in this period. We have developed many food infrastructure projects for all humanity to reach economic, healthy, sustainable and diverse food. We produced and established food storage and processing facilities. We reached more than 60 countries. We made people conscious about food security. We established the infrastructure to bring food to the other side of the world with the freshness of the first day and in the most valuable form.

**While we work for a better world, we want you to join us in this adventure. Enjoy our bulletin...**



## WORLD POPULATION WILL BE 10 BILLION IN 2050!

World population continues to increase rapidly. The world population, which is increasing by 84 million every year, is estimated to be around 10 billion by 2050 and 11.2 billion by the end of the century.

### HOW WILL 10 BILLION PEOPLE BE FEEDED IN 2050?

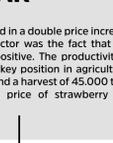
Feeding so many people will require a huge amount of food production. In order to meet the increasing food demand in 2050, we will have to increase our production twice as much as today.

### CAN WE SOLVE THIS PROBLEM BY PRODUCING FOOD?

Of course it is not enough only to produce. Unfortunately, 80% of the world's food is stored in poor conditions and many of the products are wasted before they reach the consumer. We must produce food in environment friendly conditions and store our products with the most excellent technology.

Food production has become easier thanks to the acquired knowledge and technologies. However, storing the produced food well is a big problem. The oldest way to store food is cooling or freezing it, which is still the healthiest and most common method. Being aware of all these facts, CanteK aims to store food in the most appropriate way. CanteK produces controllers having intelligent algorithm, make an energy saving up to 71%. CanteK takes important steps and develops technologies for the most important needs of the world: Access to food and using energy wisely.

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## 365 DAYS CONTINUOUS PRODUCTION WITH PLANT FACTORIES

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- Agricultural lands are diminishing
- Our population is growing

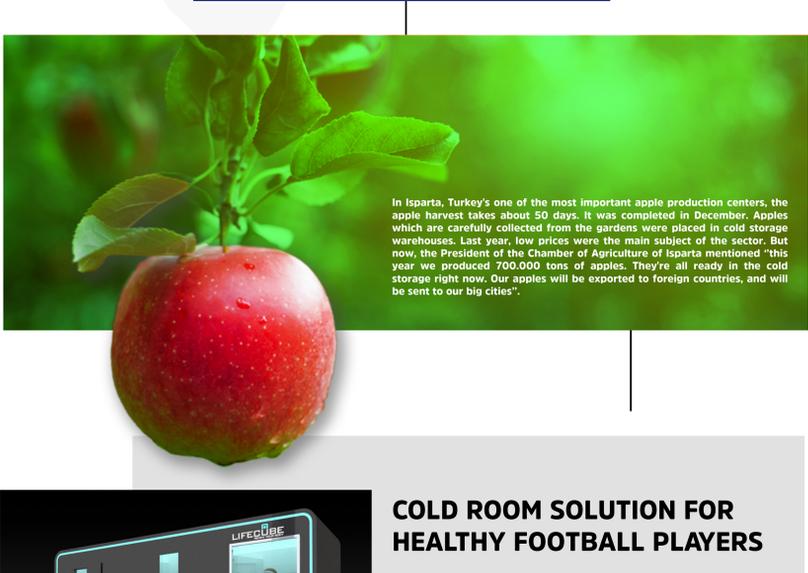


- Chemical residues induce adverse effects
- Our water supplies are decreasing



- Agriculture is a culture in itself. Not everyone can manage agricultural production
- Dealing with climate becomes increasingly difficult

## RECORD HARVEST IN THE CAPITAL OF APPLE!



In Isparta, Turkey's one of the most important apple production centers, the apple harvest takes about 50 days. It was completed in December. Apples which are carefully collected from the gardens were placed in cold storage warehouses. Last year, low prices were the main subject of the sector. But now, the President of the Chamber of Agriculture of Isparta mentioned "this year we produced 700.000 tons of apples. They're all ready in the cold storage right now. Our apples will be exported to foreign countries, and will be sent to our big cities".

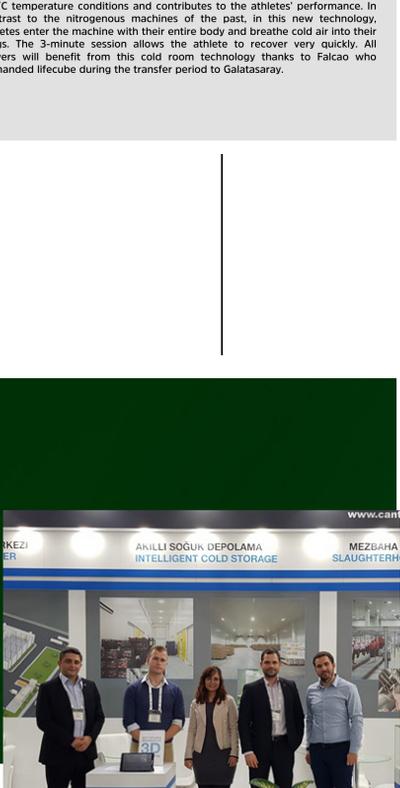
## COLD ROOM SOLUTION FOR HEALTHY FOOTBALL PLAYERS

Galatasaray Football Club made technological steps to solve injury problems as in the example of Radamel Falcao's injury. Yellow-Reds, installed a cold room system called lifecube in Florya which helps tired muscles to recover quickly. Having a price range from 60.000 to 200.000 dollars, the device provides -85°C temperature conditions and contributes to the athletes' performance. In contrast to the nitrogenous machines of the past, in this new technology, athletes enter the machine with their entire body and breathe cold air into their lungs. The 3-minute session allows the athlete to recover very quickly. All players will benefit from this cold room technology thanks to Falcao who demanded lifecube during the transfer period to Galatasaray.

## CANTEK CONTINUED TO DELIVER FOOD SECURITY CONSCIOUSNESS IN GROWTECH FAIR

Growtech fair with its sections of seed production, greenhouse & irrigation technologies, plant nutrition & protection and livestock departments was held for the 19th time on 27-30 November 2019, and brought the agriculture sectors players together. CanteK, was a participant in his own city and shared its experience about the benefits of food storage and processing with the visitors. He made the visitors conscious about the ways of evaluating food in the most efficient way and gaining money with food products.

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## CITY REFRIGERATORS



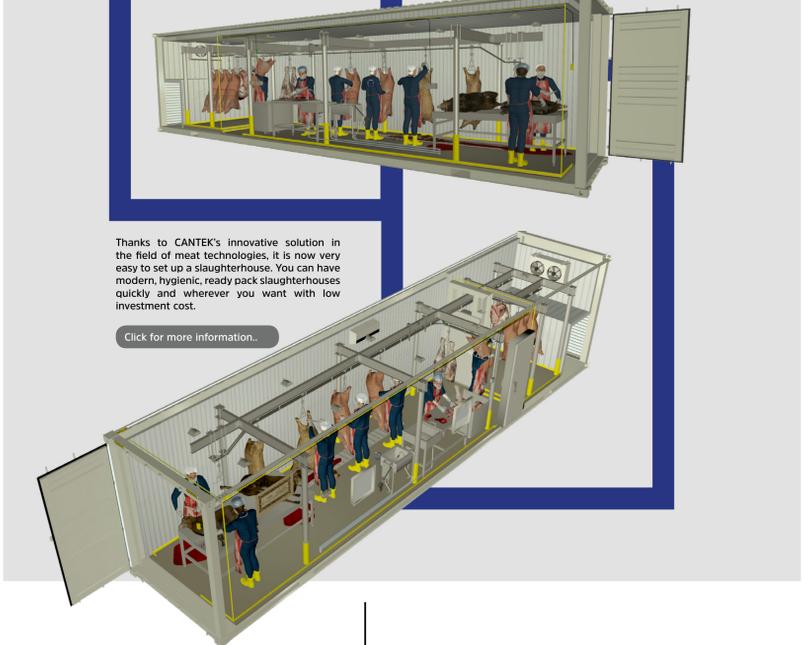
For food security, every food product needs to be stored in a different cold storage warehouse and similarly every city needs central city storage from which food products are delivered to meet the demands of a city. City storage facilities are like the fridges of the entire city where all types of food products, such as fruit, vegetable, cheese, ice cream, meat, fish and chicken can be stored. These food stores provide constant availability of hygienic and affordable food. Therefore, they are the most important element of food security. Also, they are important income channel for local administrations and large enterprises.

CanteK's city storage systems which are delivered as turnkey projects including construction works have played a significant role in the development of the regions and have brought important gains.

What is food security?

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## FAST AND EASY INVESTMENT WITH MOBILE CONTAINER SLAUGHTERHOUSE



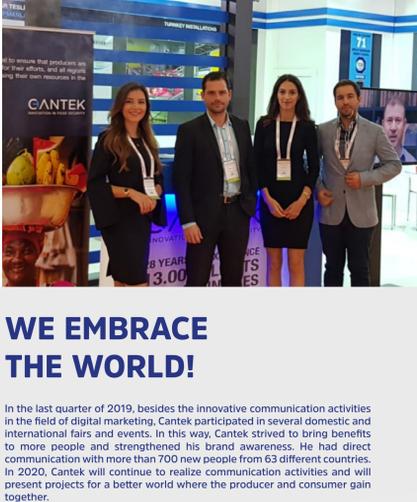
Thanks to CANTEK's innovative solution in the field of meat technologies, it is now very easy to set up a slaughterhouse. You can have modern, hygienic, ready pack slaughterhouses quickly and wherever you want with low investment cost.

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## HOW LONG CITRUS IS STORED?

Citrus varieties are estimated to have a history of about 20 million years. The harvested citrus fruits should be transported quickly to the storage tank and taken pre-cooling process. There are separate storage conditions for each citrus. Citrus fruits should be stored with a relative humidity between 85% and 90%. While tangerine can be stored at 3-4 °C for 3-4 months, orange can be stored at 4-6 °C for 5-6 months. Grapefruit can be stored at 8-10 °C for 5-7 months and lemon at 10-12 °C for 7 to 9 months. In cold rooms under standard atmosphere conditions. Although atmosphere controlled systems are not as effective in citrus fruits as in fruits like apple and pear, they provide more than a month of extra storing duration.

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## WE EMBRACE THE WORLD!

In the last quarter of 2019, besides the innovative communication activities in the field of digital marketing, CanteK participated in several domestic and international fairs and events. In this way, CanteK strived to bring benefits to more people and strengthened his brand awareness. He had direct communication with more than 700 new people from 63 different countries. In 2020, CanteK will continue to realize communication activities and will present projects for a better world where the producer and consumer gain together.

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It is our goal to ensure that producers are rewarded for their efforts, and all countries thrive by using their own resources in the best way.

See you soon..