



KKL- Kinneret Accelerator

Class #1 Booklet 2021

In partnership with





KIC

Kinneret Innovation Center

A one-stop-shop for innovation, the Kinneret Innovation Center creates an innovative ecosystem that links academia, industry, and the agricultural community to provide solutions to global needs.

KKL - Kinneret Accelerator



KKKL - Kinneret Accelerator is a **3-month program** partnered with KKL-JNF and Kinneret College, designed for students and graduates from all academic institutions in northern Israel.

The program is developed for entrepreneurs who are leading ventures in the fields of agriculture and environment , education and community and disruptive technologies



The Program is intended for early-stage entrepreneurs and ventures, including: mentoring by leading experts, professional workshops, connection to industry, academia, laboratories and researchers, investors and stakeholders.



On June-2021 we opened the application for the program, 8 ventures were chosen out of dozens of applications.



KKL - Kinneret Accelerator Class #1

Forest chief #fire detection

AutoFed #animal-feeding

Influe #wildfire management

Omnidrill #Infrastructure #watertech

Compresso #sustainability

Bthere #digital traveling

3is #fire detection

Rustic-Go #tourism #data





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#fire detection

Forest chief

Forests cover more than 30% of the earth's surface.

In recent years, fires caused by global warming is a problem we have encountered more often.

Quick fire detection is the most important factor in dealing with it.

Our solution is an autonomous system consisting of 2 subsystems:

1. Radiation-based sensors for early fire detection with large coverage ability.
2. A network of drones to gather critical information in real time in order to extinguish small fire pits.

Forest Chief solution makes fighting fires faster, cheaper, and more precise than ever before.



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#animal-feeding

AutoFed

More than 500k registered dogs live in Israel, 25% of them passing each year through pensions, kennels, veterinary institutions and more. Operating these institutions requires a lot of time and manpower and sometimes the dogs don't get the full attention they need in those institutions.

With **AutoFed - Automatic Feeding System**, we improve the well-being of dogs and reduce feed costs.

An advanced automatic feeding system controlled by sensors and camera to detect the needs of pets, to alert and analyze their feeding behavior.

A multi feed station controlled and managed by a dedicated application.



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#wildfire management

Influe

Due to climate change, the global wildfire problem has increased. Today, fires spread faster than our ability to comprehend a situation in order to make the right decisions.

The price we pay costs billions of dollars, millions of acres of forest, and dozens of lives.

INFLUE smart platform uses geographic information and an AI engine to help firefighters act faster than the fire.

The system integrates the ability to understand fire behavior, and provide firefighter forces with real-time decision support to enable firefighting to become more effective.



Omnidrill

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#Infrastructure #watertech

Omnidrill

An innovative horizontal drilling machine with a unique design. It is a Semi-autonomous rock drilling machine that installs support and pipe infrastructure during drilling.

This unique design will answer some of the biggest challenges of current horizontal drilling methods, and has the potential to:

- Reduce time and cost
- Increase work time ratio
- extend drilling ranges

Our team has a unique and rare combination of field and tunnel building experience along with extensive mechanical engineering experience. This is how we intend to be ground-breaking in the horizontal drilling industry.



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#sustainability

Compresso

Closing the gap on garbage

Disposing of organic waste is one of the main challenges of today's urbanized world. In Israel, more than 50% of municipal garbage could be recycled, but they end up in landfills, costing 0.8 billion shekels a year, releasing 72x more greenhouse gases than they would with proper treatment. Unfortunately, so far, there hasn't been any practical, affordable or user-friendly urban solutions for handling compostable.

Compresso is offering a modern, hygienic, fully automated indoor composting system that breaks down food waste, paper, and even compostable cutlery, consequently, significantly reducing garbage volume, saving our customers collection and treatment costs and also producing organic fertilizer in the process.

Our technology combines the benefits of IoT sensors, controllers, and biological additives to fully control and optimize the naturally occurring biological processes.

Bthere



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#digital traveling

Bthere

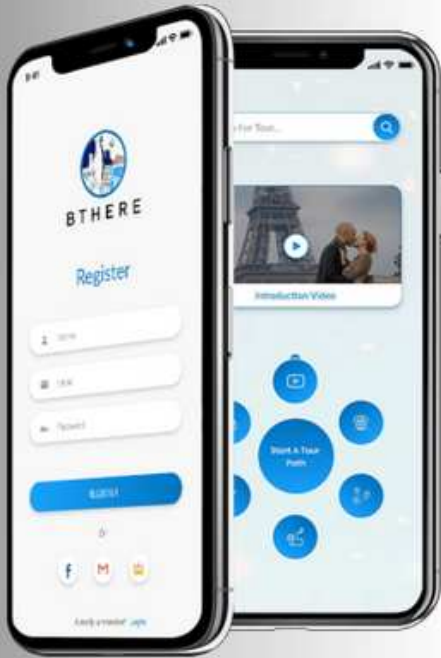
Be anywhere In the world, NOW!

1.4 billion tourists travelled the world in 2019 and only 1 billion tourists in 2020. People LOVE to travel the world – but sometimes they just can't. Tour Guides – Currently left without work are eager to find immediate solutions.

Bthere – provides a unique platform that allows travelers to connect with a professional tour guide anywhere in the world and experience a personal live video tour at an affordable low price.

The platform allows people to explore new places and sites, ask questions and be active participates in the video tour in the comfort of their own living room.

And also empowering tour guides to continue working at their preferred sites with compensation based on their choice.



3is

#fire detection

One of the most dangerous natural phenomena is wildfire, In the US alone, tens of billions of dollars are spent annually to suppress them. Wildfires progress over time, fast, and once a wildfire really gets going, stopping it becomes a serious challenge. Therefore, fast detection is key.

3is is developing a sensor to analyze light itself through a very specific method to enable the detection of **any** material (including by-products of fire).

Using this method, the sensors will be cheap and will allow for the fast detection of fires, from many kilometers away, during the early stages of combustion and will also pinpoint a wildfire location.



Rustic-Go

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#tourism #data

Rustic-Go

Rustic-Go is an Online Marketplace Platform– for forest and nature authorities and travelers that offers real-time management solutions for both sides.

Our solution provides **online information about a specific area**, easily allowing travelers to understand what activities are available in an area, how full the capacity is and status at the site.

On the other hand, nature authorities will be able to receive insights about travelers, their outdoor activity habits, and density at a specific location.

On Rustic-Go travelers will be able to find nature sites tailored to their personal preferences, meet new friends, explore new areas and sites, and get the big picture on what is happening at a specific location. Nature authorities will receive information and insights on how many travelers are in a certain destination, traveler segmentation, and reach practical conclusions in order to improve their management.

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agriculture, water and sustainability



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