



smart agro

Smart Agro-Tech Investments

Investor Presentation | June 2021

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Smart Agro - Leading investment partnership in Israel's Agrotech arena

**“
In the next 40 years farmers
will have to grow as much
food as they have in the last
10,000 years combined*...
”**

“

* Norman Borlaug

Management Team

EXPERIENCED MANAGEMENT IN ESTABLISHING, MANAGING AND INVESTING IN STARTUP COMPANIES IN AGRO-TECH FIELD AND RELATED SECTORS



EREZ MELTZER,
CHAIRMAN

Leading Israeli businessman with over 30 years of CEO experience. Active investor in agriculture, industrials, healthcare and real estate. Major shareholder of Agro-Project Serves as a board member with several companies, including **Agrinovation**. Former Chairman of BOD of **Hadassah Medical Center**, CEO of **Gadot Chemicals & Shipping**, CEO of **Africa Israel Ltd**, CEO of **Netafim**, world leader in advance irrigation and a number of other top management roles.



DGANIT VERED,
CEO

An experienced investor in Agritech and Food tech companies. Until recently was a Venture Partner at **Entrée Capital**, responsible for AgriTech and FoodTech investments. Invested in 4 Agritech startups.
An active Chairwoman of the board at **ViAqua** and board members in additional startups. Dganit's brings over 20 years of senior management experience as **Intel Israel Fabs** CS site manager and VP R&D with **Perrigo and Hazera**.

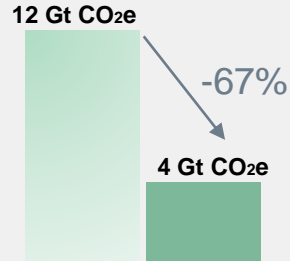
Board Members:

Israel Taiber
Guy Goren
Aaron Berdah
Ron Maor
Revital Sabag
Ido Schechter

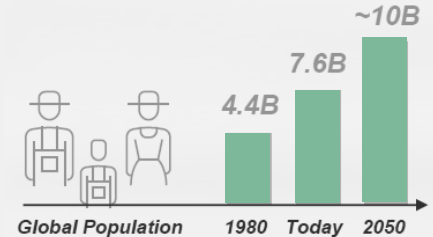
The Transition From Agriculture To Agrotech - Window For Opportunity

Reducing the negative impact on the environment:

Desertification
Deforestation
Pesticides
CO2 Emission
Packaging



Need for increased quantities and better quality food:



Limited resources:

Limited Farmland
Limited water – competition on drinkable water
Shortage in labor

Sustainability and entry of advanced technologies from other fields:

AI
Big Data
CRISPR
Robotics
Imaging





SUSTAINABLE DEVELOPMENT GOALS

Smart Agro Actions Support the SDG Goals



Global Ag-Tech Trends

There is a need for constant improvement of traditional agriculture. Ag-tech affects every part of the agricultural value chain, fundamentally changing the way we think of farming.

The Ag-tech market is dynamic, characterized by frequent M&A's. Over 20 acquisitions made in 2018, primarily in the fields of data-driven farm management and sensorics.

Investment opportunities in companies seeking efficiencies in production, quality or sustainability to existing farmland systems. The fastest-growing segment in 2019 was indoor agriculture.

A digital revolution in Ag promotes development of new sensors and big data systems that enable more precise and predictive farming, increasing yields and reducing input.

Robotics and automation change farming by increasing efficiency, enabling development of new farming practices and systems, and easing the process of home-cultivation of vegetables and cannabis.

A demand for cheaper and fresher produce has urges farmers to improve post-farm supply chains by using new technologies and processes such as indoor and vertical agriculture.



According to the research of the Ministry of Economy and Industry of Israel from January 2020



Since 2013

The amount of **money invested** increased by more than

X8

The number of **transactions** increased by more than

X5

Exits in the global Agrotech industry

valmont 

Valmont bought
prospera

FOR **300**
MILLION DOLLARS



INARI raised
this year

145 MILLION
DOLLARS
at a valuation of
400 MILLION
DOLLARS



Indigo raised
this year

535
MILLION DOLLARS



MONSANTO



MONSANTO bought
THE CLIMATE
CORPORATION

FOR **1.1**
BILLION DOLLARS

CHEMCHINA 

CHEMCHINA
bought
syngenta

FOR **43**
BILLION DOLLARS



MONSANTO



BAYER
bought
MONSANTO

FOR **63**
BILLION DOLLARS

Agro-Tech – The Israeli Ecosystem, Exporting Agritechnology

SIGNIFICANT INCREASE IN INVESTMENTS

From **84** Million Dollars **2014-ג** To **174** Million Dollars **2018-ג**

A vigorous **ecosystem** which enjoys steady growth and is establishing itself as a promising innovation hub promoting the advancement of Israeli ag-tech.

Israel leads in innovation due to agricultural background, world-class agronomic institutions, and experience working with advanced military technology systems (data, simulations and aerial technologies), unique geographical location and diverse topographic structure, which allows in a very short distance, different and extreme growing environments.

Multinational Companies investments such as ChemChina/ Syngenta, Orbia, ADM, Bayer/ Monsanto, BASF, Temasek, and More.

OVER 440

Active Agritech startups

source: Ministry of Economy and Industry of Israel from January 2020

Exits in the Israeli Agrotech industry

Limagrain



Limagrain bought
Hazera Genetics

FOR **93**
MILLION DOLLARS

Mexichem  NETAFIM

Mexichem bought Control
in Netafim

FOR **1.5**
BILLION DOLLARS

CHEMCHINA



ChemChina bought
Makhteshim Agan Group

FOR **2.4**
BILLION DOLLARS

TEMASEK  Rivulis

Temasek bought
Rivulis

FOR **365**
MILLION DOLLARS



MITSUI & CO.



TOP SEEDS
to pick the best

Mitsui&Co. bought
Top Seeds

FOR **30**
MILLION DOLLARS

syngenta



ZERAIM GEDERA

syngenta bought
Zeraim Gedera

FOR **95**
MILLION DOLLARS

valmont  prospera

Valmont bought
prospera

FOR **300**
MILLION DOLLARS

Investment strategy

Smart Agro goal is to bring value to investors via investments in high performing startups, at the advanced agriculture technologies arena

Business model and investment KPI's:

Amazing professional team with the ability to develop the technology and establish a multinational company

Breakthrough technology that solves significant global problem

Companies with market access via sales or via strategic partnerships

Companies that will increase their value in a relatively short time

SmartAgro management has experience in building joint investments in startups together with Israeli and global VC's. And, Help the startups with building strategic partnerships with Israeli and International corporates.





Plant sensing Precision
Agriculture
and irrigation



Perfecting plant Genetics
using New Breeding
Technology



Autonomous robot for
green house activities,
starting with pollination



First Portfolio Company - CanBreed

CanBreed

“Perfecting Plant Genetics”



CanBreed is breaking boundaries in the field of genetic modification in crops

The company filed several patent applications

CanBreed - First Investment

- ✓ Production of stable improved seeds
- ✓ **Enhancement of Plant Seeds:** Use of New Breeding Technology (“NBT”) for faster and more accurate breed for better genetics as well as CRISPR-Cas9
- ✓ Market size over \$10B

Since investment:

- ✓ Purchase of HEMP farm in San Diego
- ✓ Success in genetic editing of Cannabis plant
- ✓ Success in production of stable hybrid (F1) cannabis seeds – 1st worldwide
- ✓ Construction finish of 4.5 Dunham farm for research, breeding and cannabis seeds production



The Partnership invested in equity
2 Million Dollars
At a pre-money valuation of 18 Million Dollars



The partnership has an option to invest additional
\$1M at a 15% discount on the next round

Second Portfolio Company - CanBreed

arugga
AI FARMING

Autonomous robot for
green house activities,
starting with pollination



Arugga has a breakthrough AI and Robot technology for greenhouses,

The company filed several patent applications

Arugga – 2nd Investment

- ✓ Robot that performs activities in the greenhouse like pollination, data gathering and in the future additional labor intensive activities.
- ✓ Arugga signed an investment and distribution agreement with BioBest (one of the WW leading pollination bees suppliers)
- ✓ Market size over \$5B

Since investment:

- ✓ 1st contract for robots supply to COSTA in Australia

The Partnership invested in equity
0.5 Million Dollars

At a pre-money valuation of 9 Million Dollars



3rd portfolio company SupPlant



Plant sensing,
Precision Agriculture
and Precision Irrigation



SupPlant Breakthrough technology in precision irrigation

SupPlant – 3rd Investment

- ✓ Precision irrigation based in plant sensing system
- ✓ Algorithm, based on the data collected over the years, that can give irrigation recommendation without the sensing system
- ✓ Sales started in 2019 showing significant market traction and dramatic increase in sales in 2020
- ✓ Strategic partnerships with companies in the irrigation and precision agriculture arena
- ✓ Market size of over \$2B

The Partnership invested in equity
1.5 Million Dollars

For about 5% in the company



Summary



3 Investment:
CannBreed combines a groundbreaking genetics technology and breeding **Arugga** breakthrough AI and robotics for greenhouses **SupPlant**, accurate and accessible plant sensing and precision irrigation



Investment in the right sector at the right time with immense potential, accelerated growth and possible high returns



A managing team with extensive and proven experience in the Agro-Tech industry, venture capital and the capital market



A unique investment model that enables access to a growing investment sector



Dganit Vered, CEO
M: 054-788-6730
E: Dganit@smartagrofund.com



smart agro

