

Baccara Vertical Farms – Introduction

Baccara Vertical Farms is a new innovative company operating in the field of Agrotech

The company has wide and diverse technology capabilities in automation, fluid control, robotics and construction engineering

The new technology platform of Baccara Vertical Farms provides fresh livestock feed in fully automated controlled environment systems, anywhere, all year round

Automatic Vertical Farming technology is truly needed.

Baccara Vertical Farms is among the first to introduce a fully automated solution to the market

What we already know



**The world is
getting hotter
and drier**



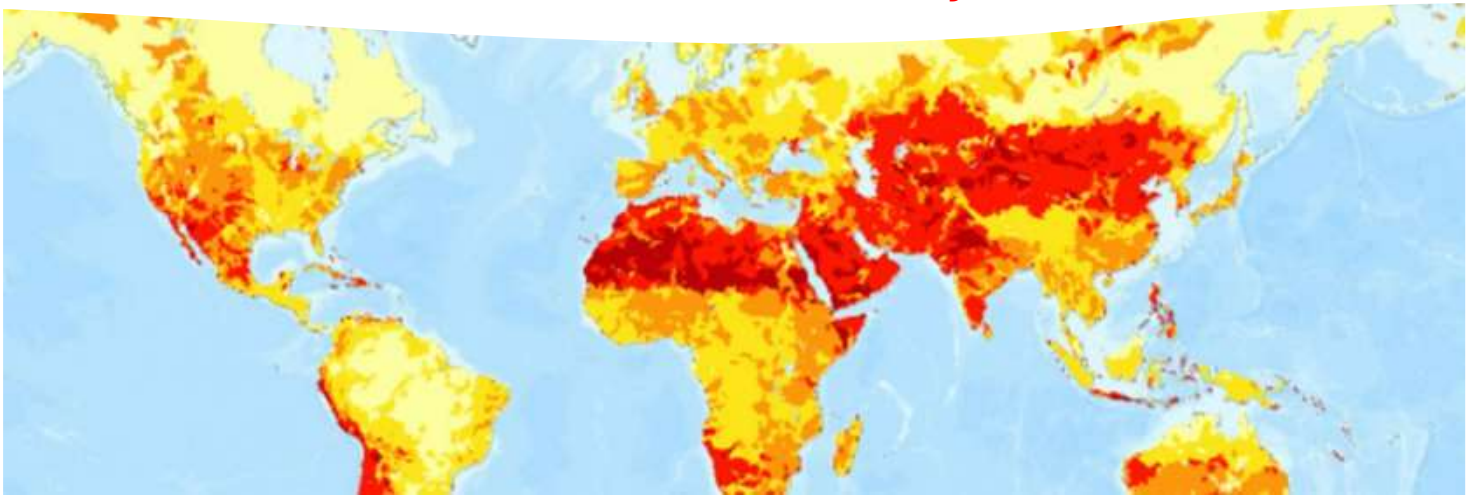
**Global
temperatures
on track for 3-
5 degree rise
by 2100**



**The world
has lost a
third of its
farmable
land in the
last 40 years**



**Only 60 years
of farming
left if soil
degradation
continues**



Top issues facing livestock growers:

Severe droughts and water scarcity

Lack of manpower

Decrease in arable lands

Climate instability and prediction difficulties

Increasing pressure to reduce GHG emission

Weather damages

Increase in transportation/fertilizers/energy costs

Political challenges to global trade of livestock feed

The BVF Solution - Autonomous Vertical Growing System

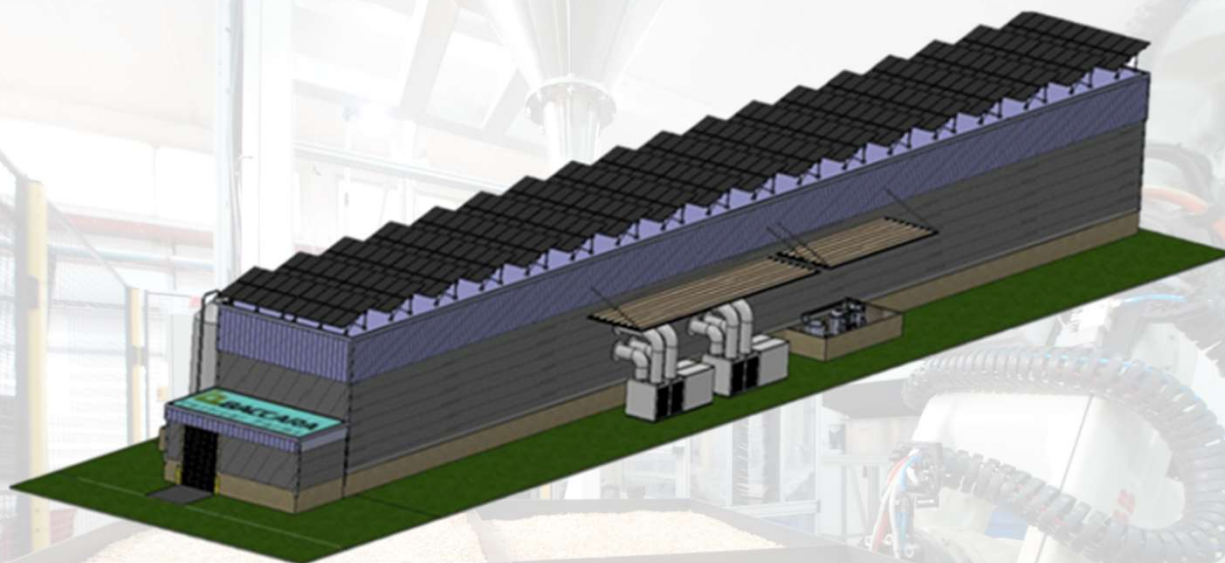
Fully automated vertical growing system – seeding to harvesting

Short and Flexible growing cycle

Mass production of nutritious feed

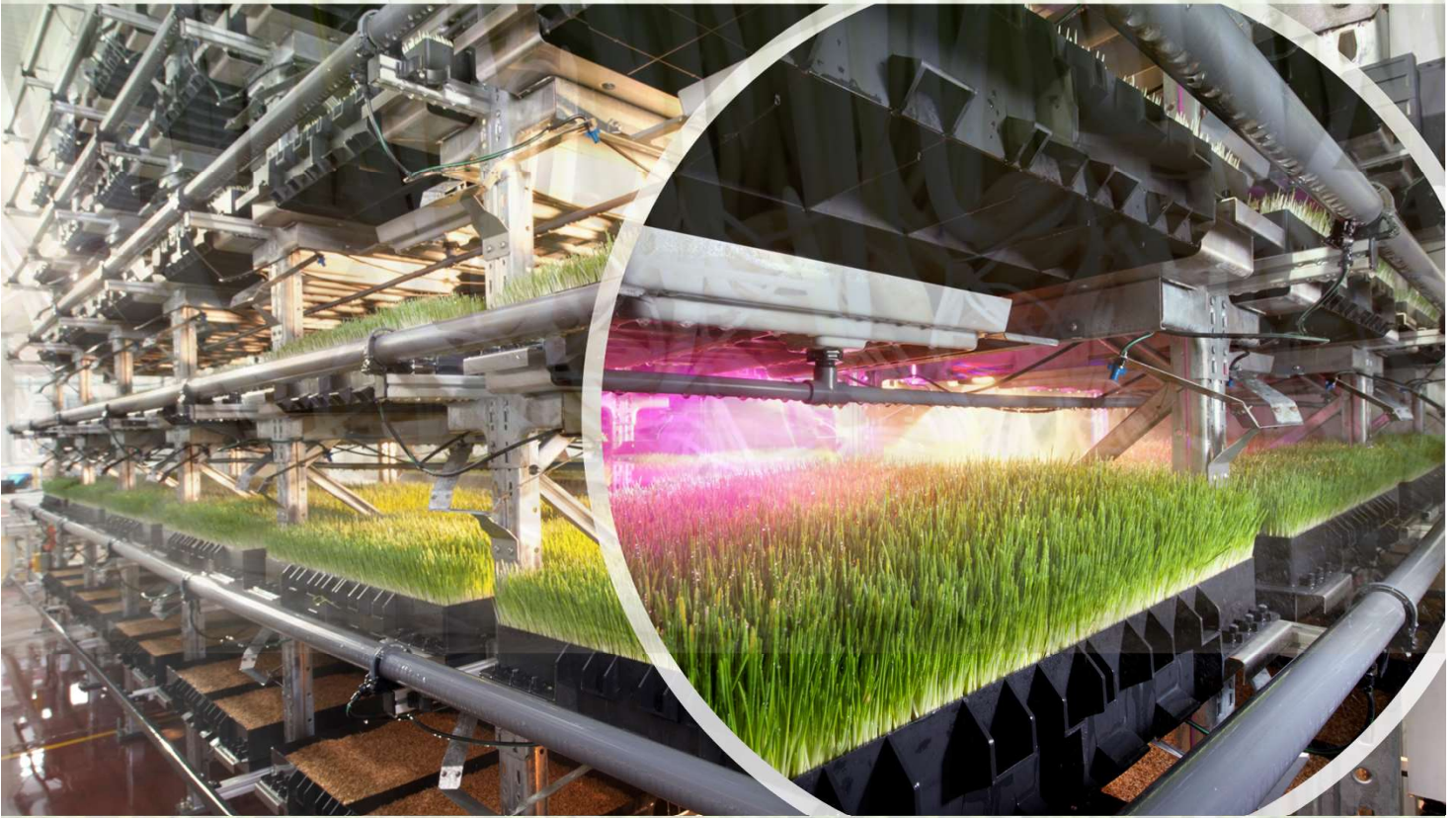
A Controlled Environment Agriculture – ensures production regardless of outdoor conditions

Large resource savings – water, land, manpower, fertilizers, chemicals



- ✓ 95% water saving
- ✓ 99% land saving
- ✓ No manpower required
- ✓ Reduction of GHG emission

- ✓ Zero fertilizers and chemicals
- ✓ Zero field equipment and fuel
- ✓ Less transportation and storage facilities
- ✓ No feed waste



BVF Team

Paul Steiner Chairperson



A native Australian, Paul Steiner has lived in Israel since 1985. He has held CEO positions in manufacturing industry for over 30 years, and has served as Chairperson in more than a dozen companies, organizations and Industry Forums in Israel, Europe, India, China and the U.S., across various industries including hand tools, plastic pipes, and components for automation.

Eran Benjamini CEO



The company CEO with 18 years' experience in the Agtech industry, including, sales, marketing, business development, projects management in global Agri technology companies.
Holds a BSc Agr. from the Faculty of Agriculture – The Hebrew University of Jerusalem.

Lioz Aharon Director & CFO



Lioz brings more than 15 years of global experience in Industries of Hi-Tech, Medical Devices, and Defense.
Holds an MBA in Financial Management, a B.A. in Economics, and a CPA license.

Liav Fitoussi R&D Manager



The company's leading engineer with 13 years' experience in development of advanced automation integrated products and systems.
Holds a BSc in Mechanical Engineering.

Yotam Oren Software & Control Engineer



Expert in SW engineering with 20 years of experience in developing advanced multidisciplinary control systems integrated with precision mechanics.

Boaz Hanochi Senior Ruminant Nutritionist



Expert in ruminants' nutrition. Has 25 years of experience in international consulting in ruminants' nutrition (milking cows & cattle). Head of the 'NOA' project (herd management software) in the Israeli Cattle Breeders' Association.

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