The next revolution in agriculture – Growing MUCH MORE with MUCH LESS

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Head of commercial & business development Digital farming





Be Agile.Build Excellence.





- Why the world needs a new way to grow?
- Drip The first revolution in irrigation
- Digital Farming The next revolution in Agriculture
- NetBeat Irrigation with a Brain



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The world's need for food is growing.

Fast.



By 2050 there will be

10 billion

of us





And our resources are limited.

The World in 2050



4 Billion ()

living under severe water stress

20

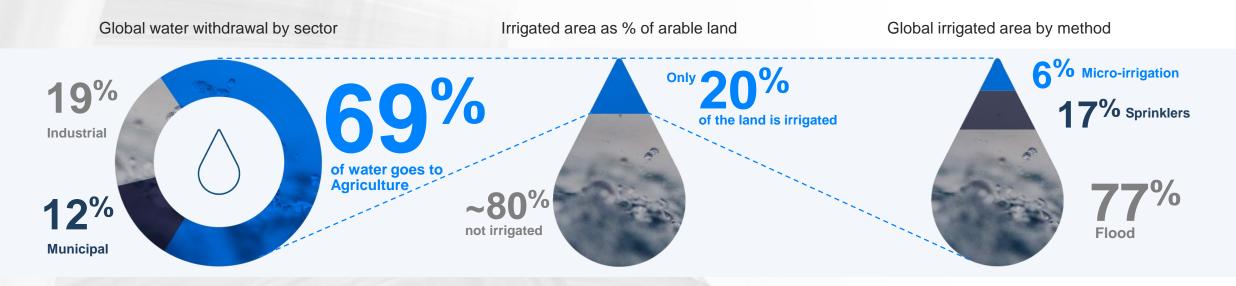
less arable land per person







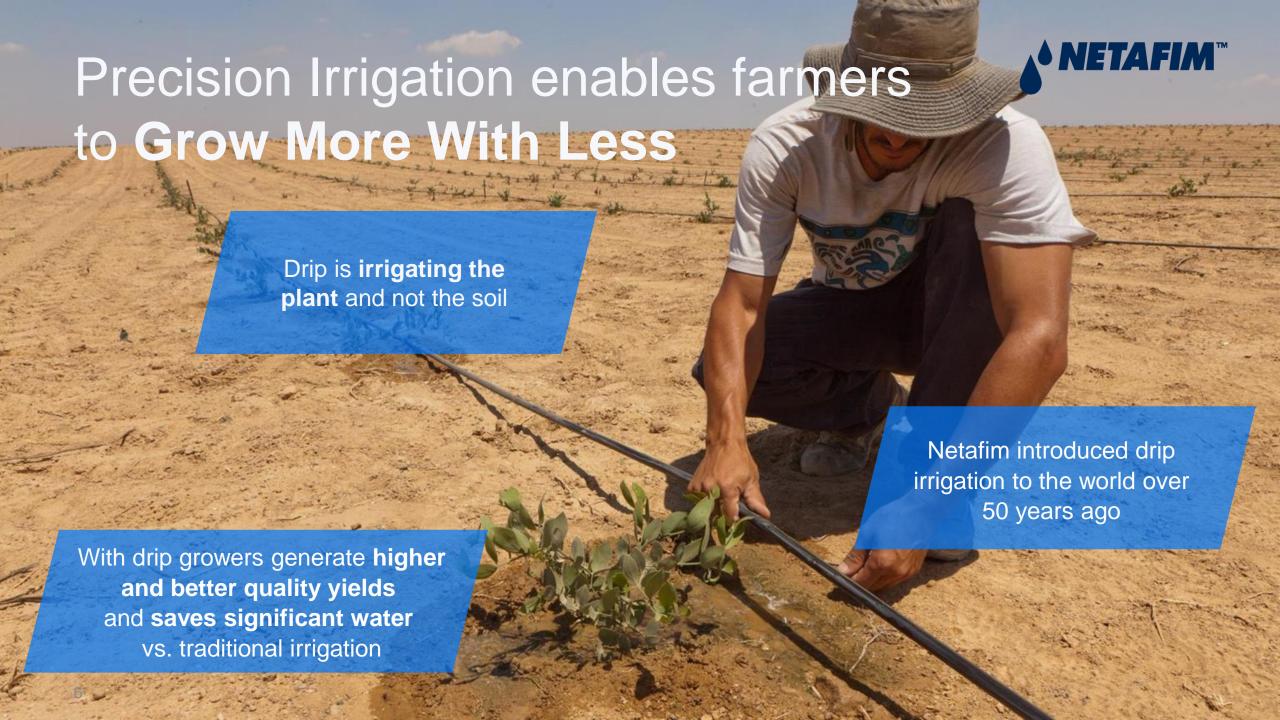
We are not efficient in how we use our water and land.



69% of the world's water use goes to agriculture

This water is used to irrigate only 20% of the arable land.
The rest pray for rain.

Still, 77% of the irrigated land is done inefficiently, by flood irrigation



Helping the world grow more.



~30% market share

irrigation company

manufacturing plants

29 subsidiaries

HQ in Israel

110+
countries

> 1Billion \$ sales







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The **Role** of Digital Farming

- → Improving farmers' decisions making
- → Deliver more value per hectare Higher and better yields Lower cost
- → Traceability Clean and safer food
- → Will keep the young generation at the farm
- → Providing Peace of Mind





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Why Now?

→ Growing need for increased yield and efficiency

→ Technology has became...

...More advanced

...More accessible

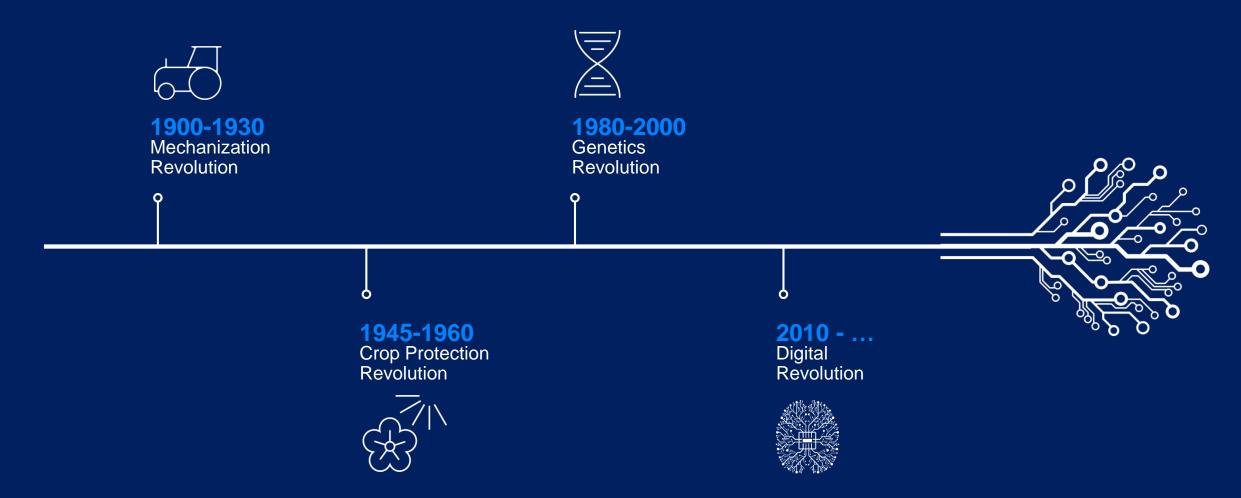
...More affordable

→ Farmers are getting more advanced and tech-oriented





Digital Farming Revolution - Agri 4.0



The Digital Farming playground



Jobs in the office

Farm Management



Jobs with equipment

Assets / Machinery Management



Jobs in the field

Crop Cycle Management



Monitor

Data & Analysis

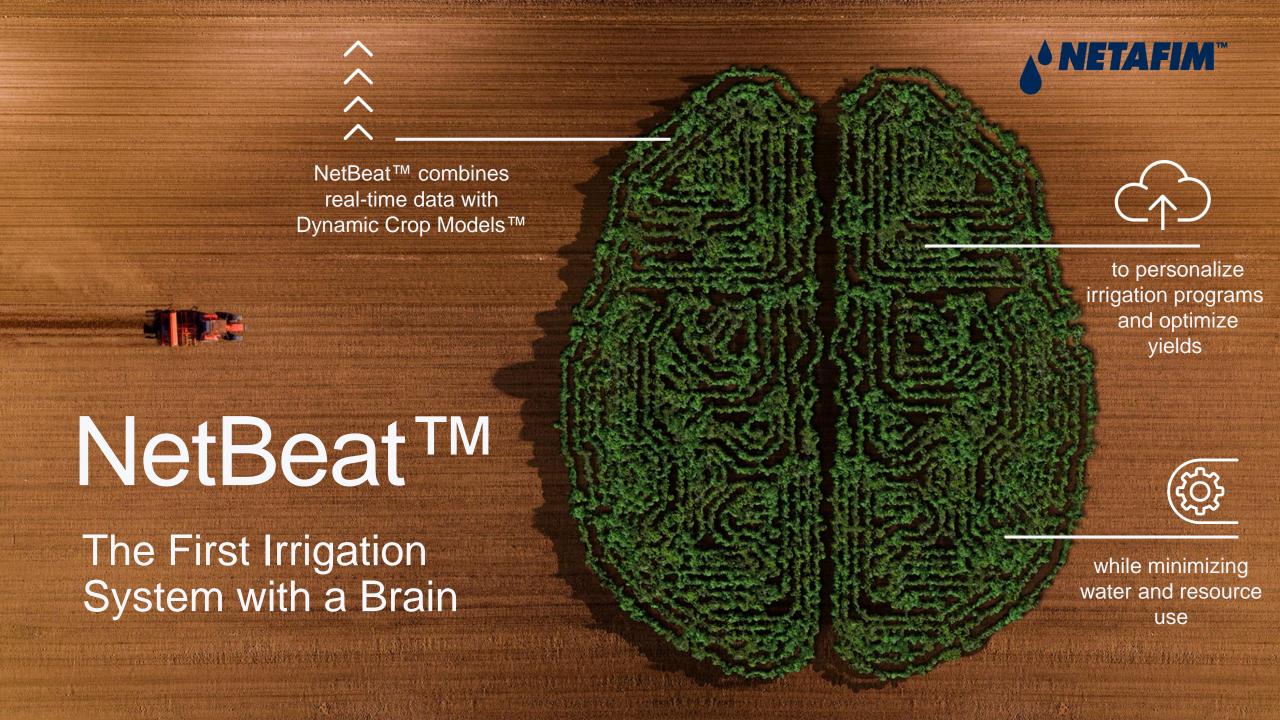
Analyze & Recommend

Decision Support

Control

Implementation Support







Israeli cutting-edge technology in the service of agriculture

Leveraging Netafim's 50+ years of experience in Agriculture and 20+ years of providing Digital Farming solutions

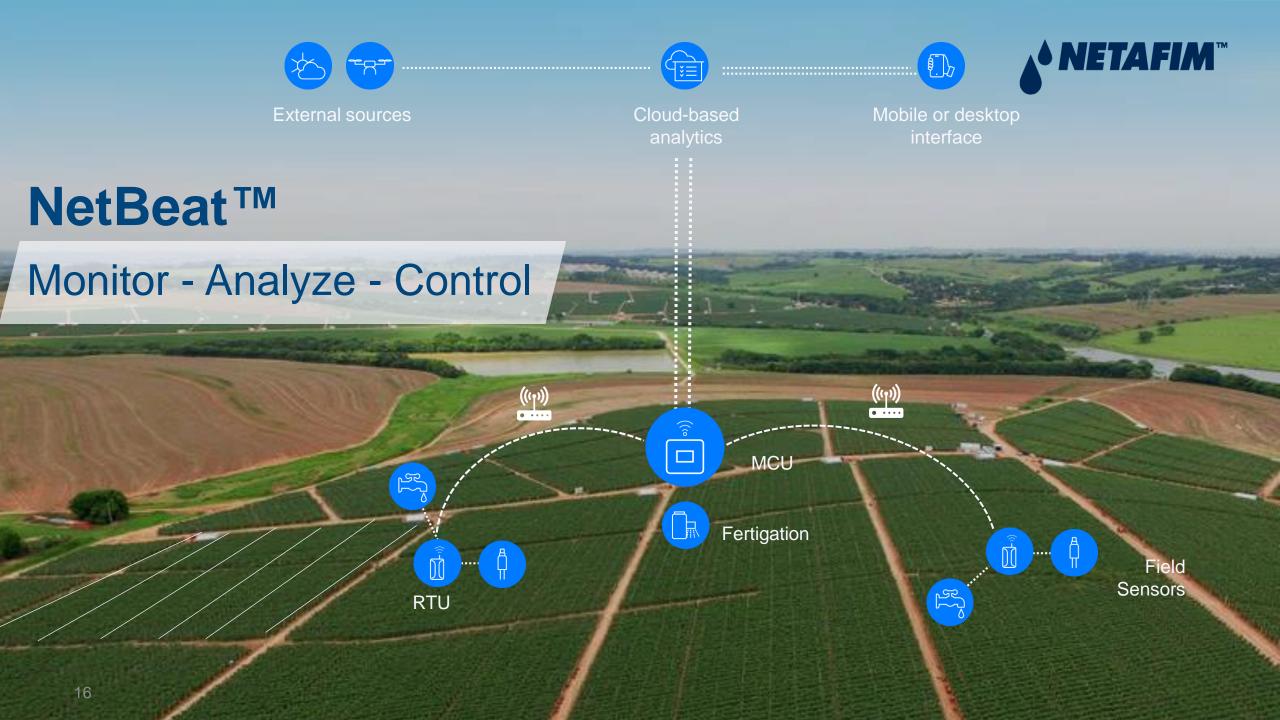
3 years of development

40+ engineers from Israel's leading tech companies

100,000+ hours of software & hardware development

Military grade technology: in cooperation with mPrest, the Iron Dome system developers









The 5 innovations of NetBeat™

2

3

4

5

/ All in one

Strong "Brain Power"

/ Cloud technology

/ Simple & Intuitive

Smart irrigation for all

Integrating in real-time monitoring, smart analysis, and control

Dynamic crop models for irrigation and fertigation, Allows third party data integration, remote access, support and updates

Robust system with user friendly and customer-centric interface, from any device

addresses all farmers – From advanced corporate farms to smallholders



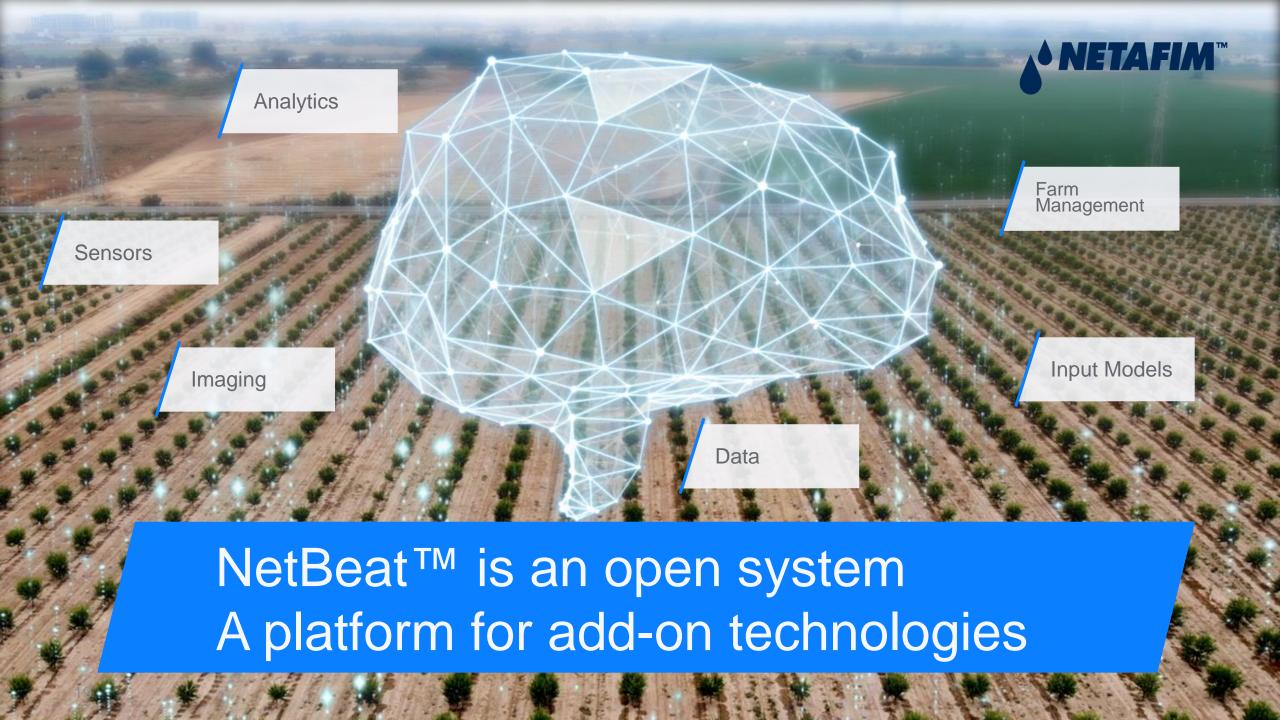






NetBeat™ covers the world











What does NetBeat™ enable growers?



Helping farmers to

Grow Much More with Much Less





Lesson Learned

- → Management sponsorship is KEY!
- → Put your money (& investments) where your mouth is...
- → Each Country is different no one-size-fits-all
- → Change in mindset Internal change management is harder than external (customers, partners)
- → Internal communication create momentum & enthusiasm
- → Education & Skills Set Program Sales, Technical
- → Transition from industrial company to data & services company



thank
you

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