MiFood

"Robotic Agriculture"

The Problem

1

Labor cost

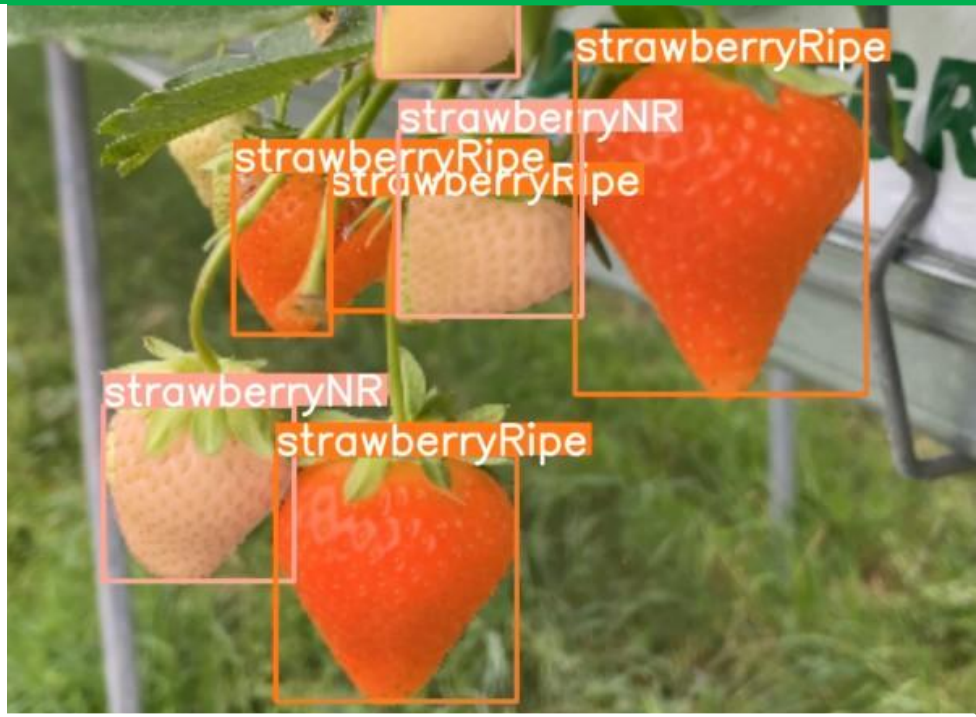
(65M. workers needed)

2

Food waste

(30% losses)

The Solution



MiFood Robot

Robotics / AI

Computer Vision / ML

Image detection

Value Proposition

MiFood Robot

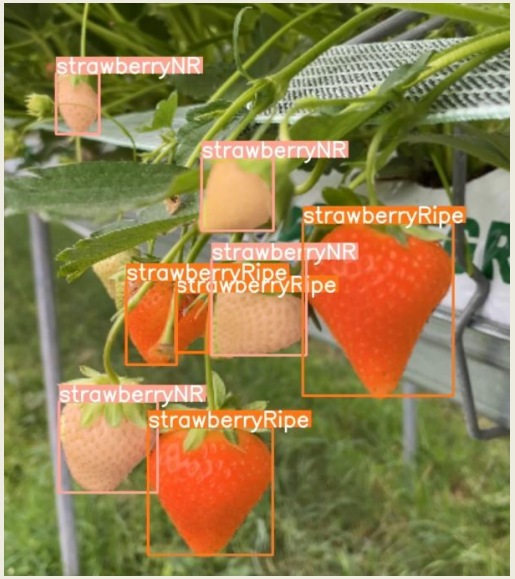
	Min	Max
Efficiency	**40 kg / hour**	
Emissions		**100% Electric**
Cost		**$25,000** unit or **$4,000** monthly lease

ROI < 6 months

Tractor / Human

Efficiency	**25 kg / hour**
Emissions	**161.8 g of CO2 / ton-mile**
Cost	**$65,000 USD - High annual salary**

Business Model - Robot as a Service (Raas)



Option 1: (RaaS)	**$25,000/unit**	**+**	**$99/month**
Option 2: (Lease)	**$0/unit**	**+**	**$4,000/month**

Our Impact

SUSTAINABLE DEVELOPMENT GOALS

12 – RESPONSIBLE PRODUCTION
We reduce food waste and rotten fruits by 30%

2 – ZERO HUNGER
We increase the total food harvested in a farm by 30%

13 – CLIMATE ACTION
We reduce co2 emissions on harvesting by 40%

3 – GOOD HEALTH AND WELL-BEING
We reduce workplace accidents by 90%

15 – LIFE ON LAND
We promote a sustainable use of farmlands on farms across the world

Pricing

Robot arm + 3D Camera **$10,000 USD**

855mm reach

5kg payload

Robot arm + Vehicle + 3D Camera **$25,000 USD**

855mm reach

5kg payload

2 Robot arms + Vehicle + 3D Camera **$50,000 USD**

855mm reach

10kg payload

Clients

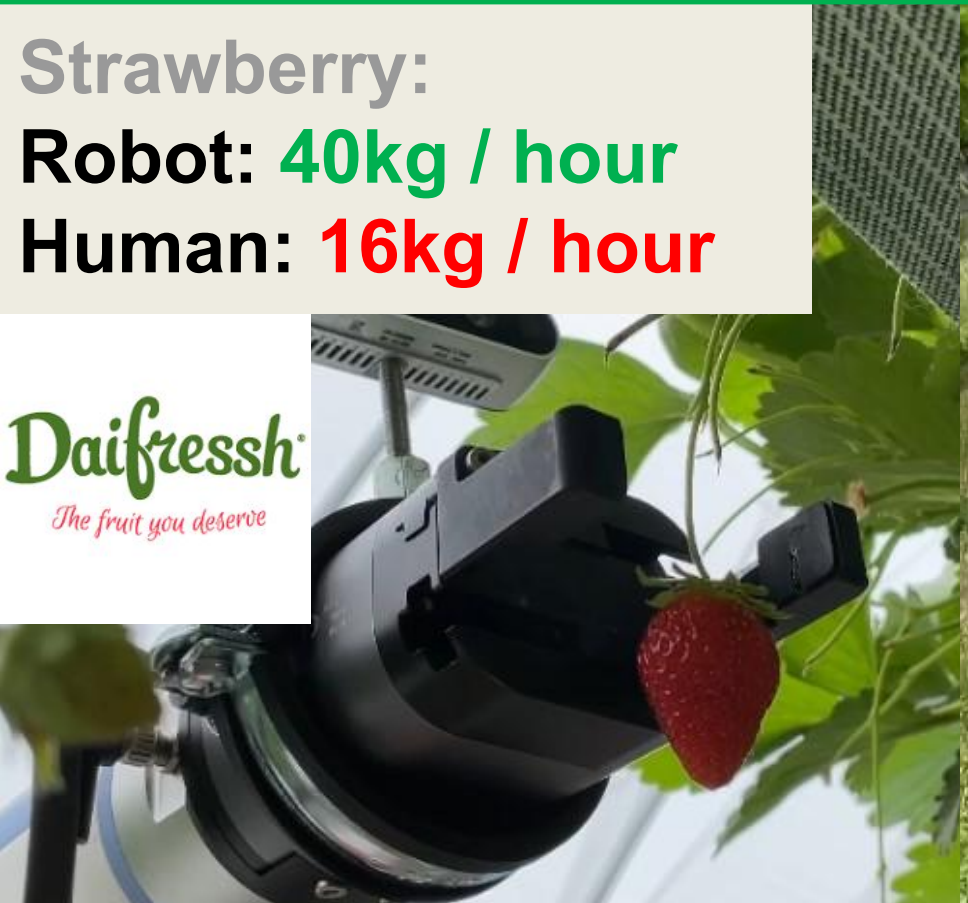
Strawberry:

Robot: 40kg / hour

Human: 16kg / hour

Daifressh

The fruit you deserve



Clients

Grapes:

Robot: 720kg / hour

Human: 138kg / hour

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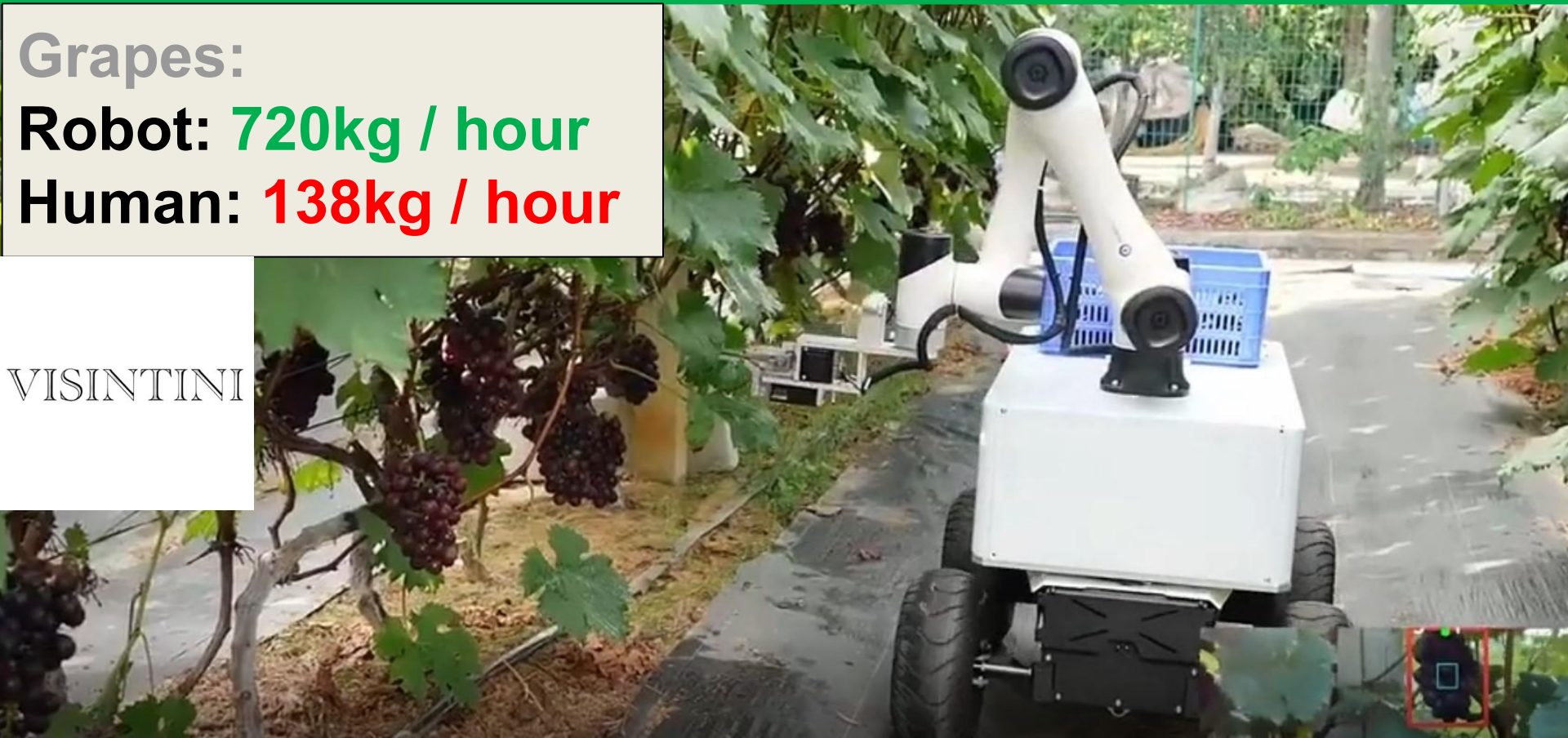

Clients

Apples:

Robot: 120kg / hour

Human: 50kg / hour

MiFood

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Thanks!

https://mifoodrobot.com

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