

Future Proofing Farming





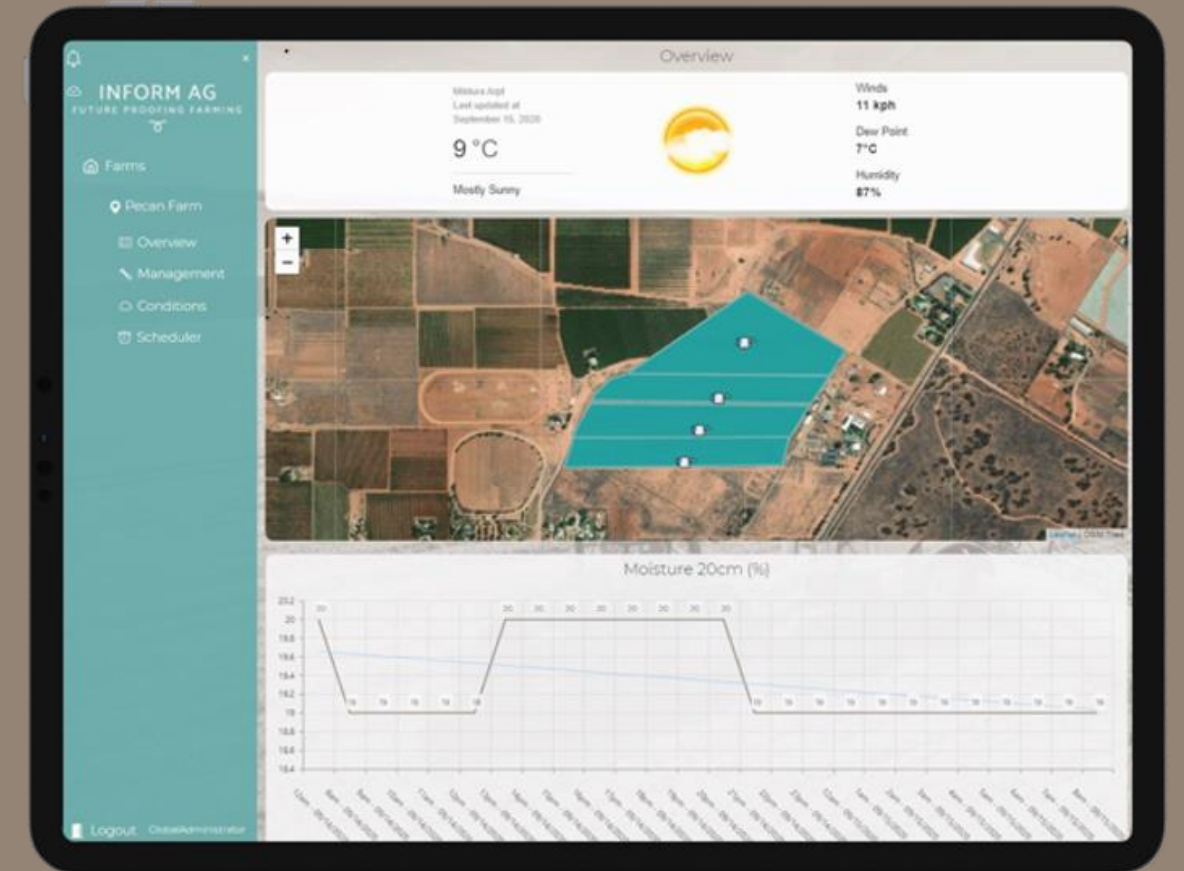
**What does
this have to
do with fruit
and veg?**



About Us

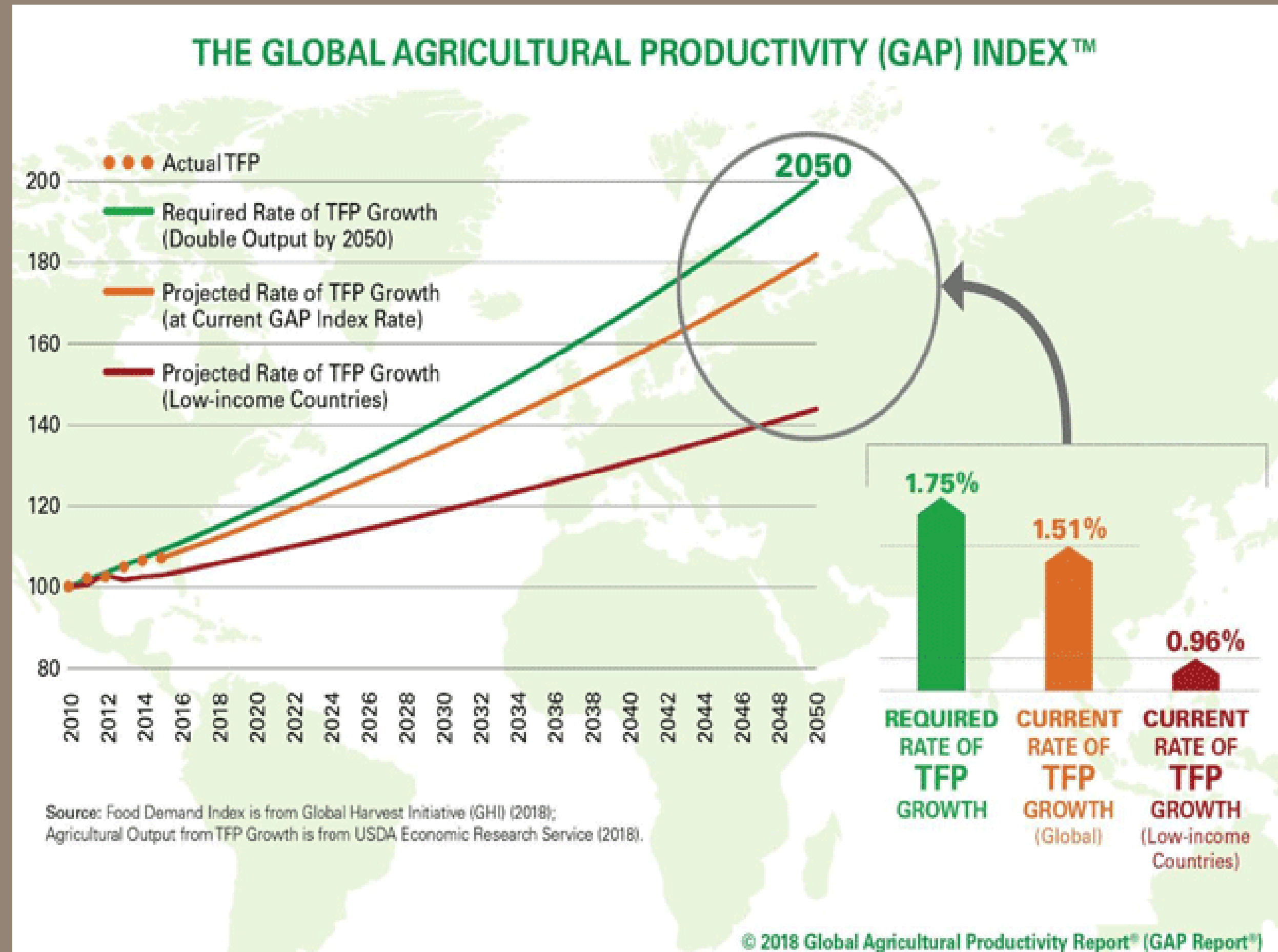
Our People are our
key difference

- Engineers
- Farmers
- Project Managers
- IT People
- Finance



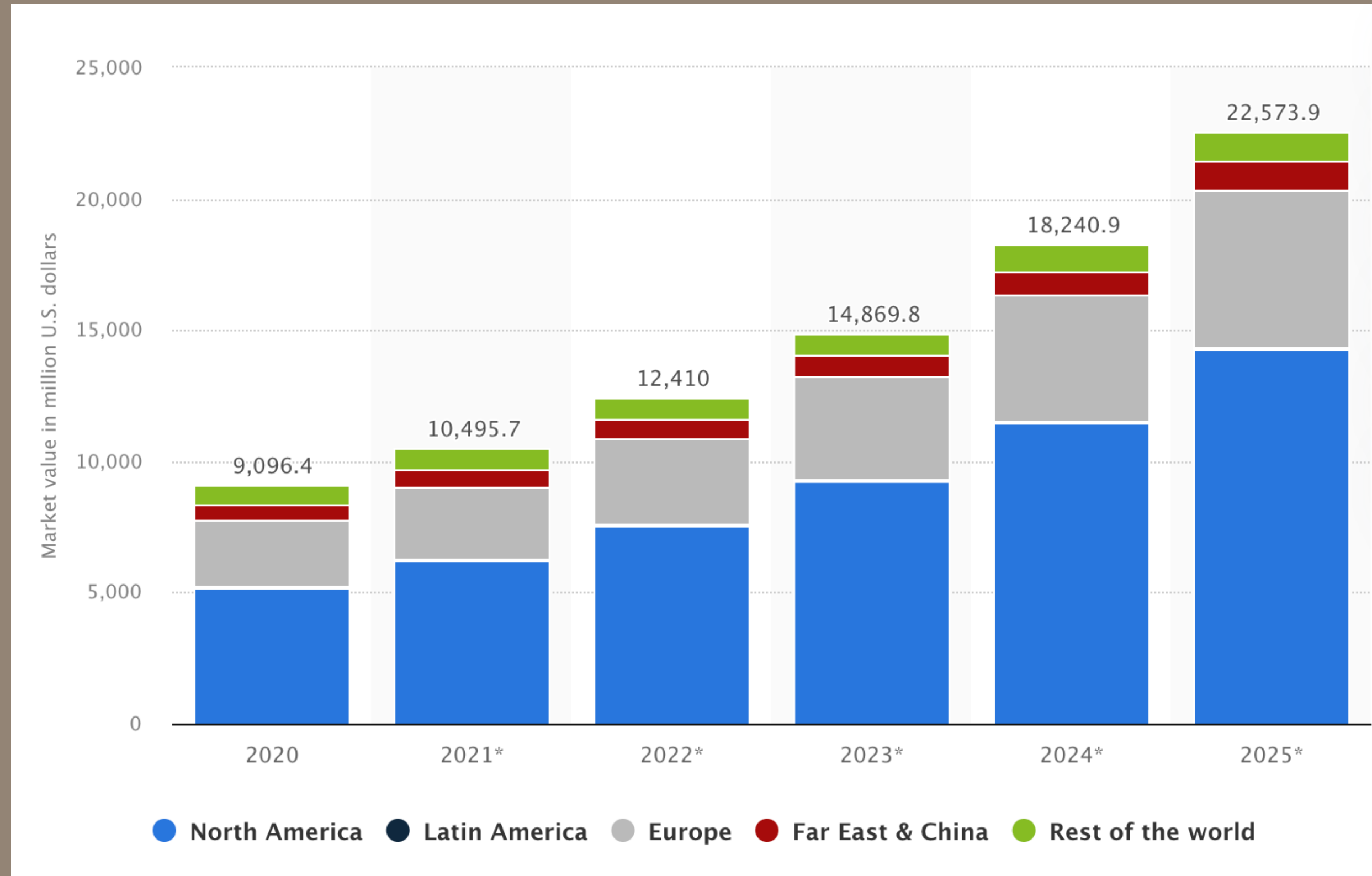
World Food Demand

70% more food by 2050



Farm Technology Growth

An Industry on
the rise



Global AgTech Industry Market Value



**HOW DO
WE DO
THIS?**

Industrial Learnings

- Six Sigma
- Data Analytics
- Automation
- Integration



Farming Plan



Industrial Learnings

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- Data Analytics
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Farming Plan

- Six Sigma
- Data Analytics
- Automation
- Integration



DMAIIC

- Define
- Measure
- Analyse
- Improve
- Control



Define

Measure efficiencies and find cost savings across the production cycle



DATA

Plan & Measure what you do

- Farm Management Systems
- Machinery Data
- Irrigation Data
- Weather Data
- Yield Data
- Sales Data

Inputs and Outputs



The Data Challenges

- Siloed Tech Products
- Network Capability
- Poor Data Capture practices
- Change management

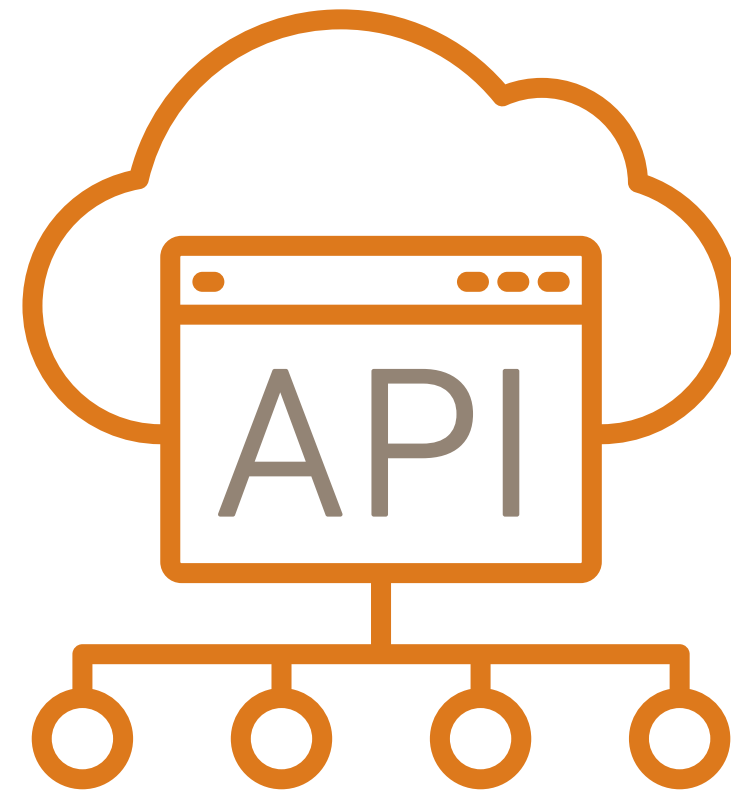


- Ensure your tech products integrate with other systems
- Capture data from machinery
- Standardise control systems
- Irrigation system is the largest IT project on farm

Welcome to Integrations



METOS[®] ANZ



Integrated Analytics



Where the answers come from data



- Utilise Visual Reporting Tools
- Mix Financials with agronomy data

HOW DO WE IMPROVE

Next steps after measuring

THE GROWTH PART

- 80/20 Rule
- Systems Improvement
- Reduce Waste
- Automation



HOW DO WE CONTROL

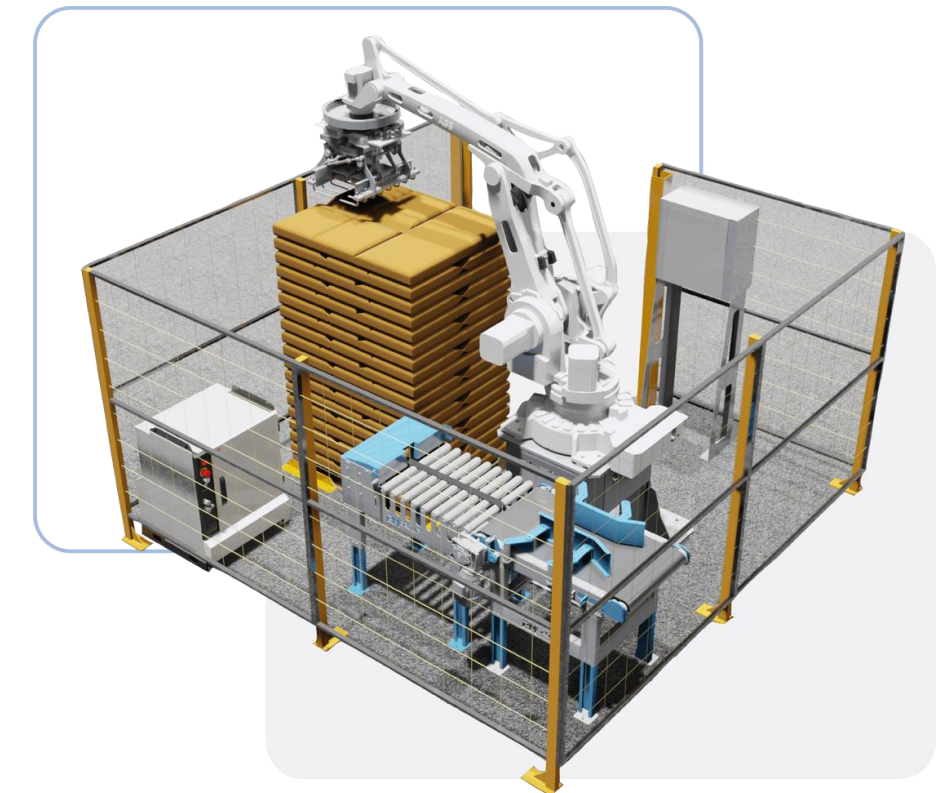
Next steps to maintain

THE MAINTAIN PART

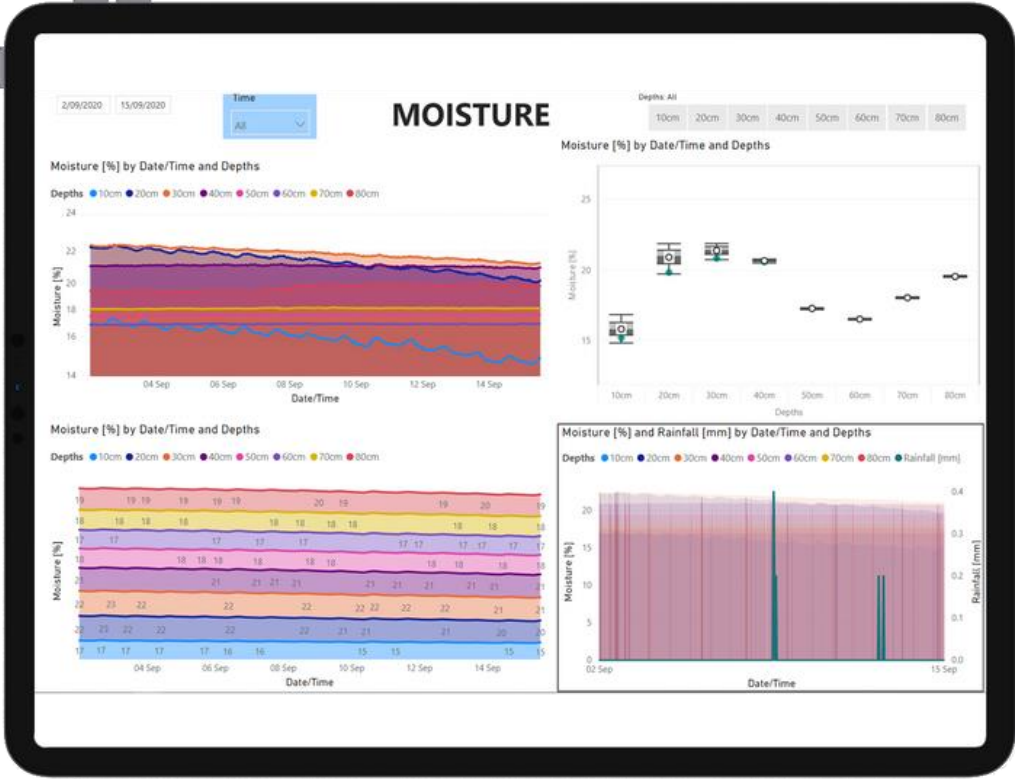
- Set a group to monitor and manage
- Pass improvements onto employees
- Engage 3rd parties to help



Control Room Factory using Integrated Data & Automation



Control Room Agriculture using Integrated Data & Automation



GOtrack[®]
REMOTE CONTROL



SUMMARY

KEY THOUGHTS

- Six Sigma can work for Ag
- Integrated Systems are key to success both in factory and on farm
- Utilise large networks like irrigation to collect data



Steve Lockyer



Thank you!

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