MY JOB DEPENDS ON WATER

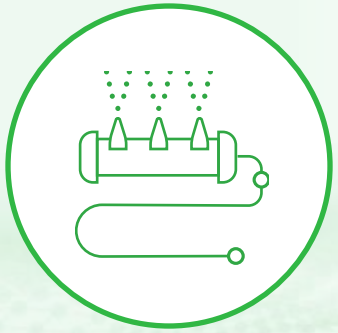
Farming in the SGMA Era

PHYTECH

Phytech

Control Every **Beat** of your Farm

Allowing growers to Monitor, Plan, Analyze and Control Every Beat of their Farm:



Irrigation

Nutrition

Pest and disease

*seamless API with leading providers:

The Weather Company An IBM Business

WiseConn

planet.

Suterra

NELSON

DAVIS

Phytech

How We Started

We wanted a technology that makes a difference

Knowing how the trees ACTUALLY FEEL

was the most crucial gap we identified so we started with it

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Listening To Trees' Heartbeats

HIGH STRESS	MILD STRESS	LOW STRESS	NO STRESS	NO STRESS
Affecting plot yield	Slightly affecting plot yield	Not yet affecting plot yield	Optima yield	Far from yield affecting stress

Trees talk. Click to Learn how we listen>>

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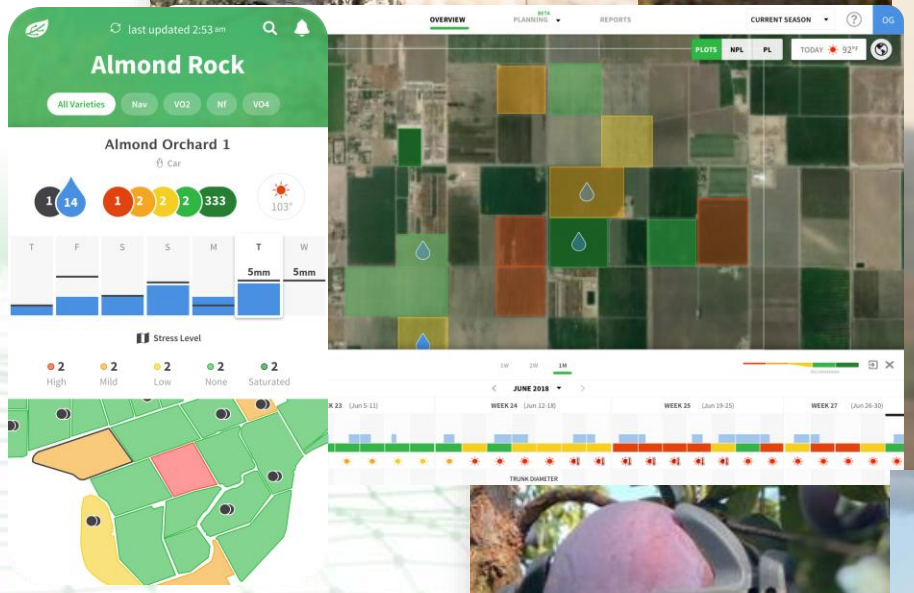
Full Field Monitoring:

- Plant - 3 x Dendrometers
- Infrastructure - Water pressure sensors
- Soil - Full Soil Moisture (3ft)
- Fruit - 3 x fruit sensors (*optional)
- IOT Network - Data logger
- Optional: hydraulic system monitors, nutrition monitors, frost sensors, wind machine monitors



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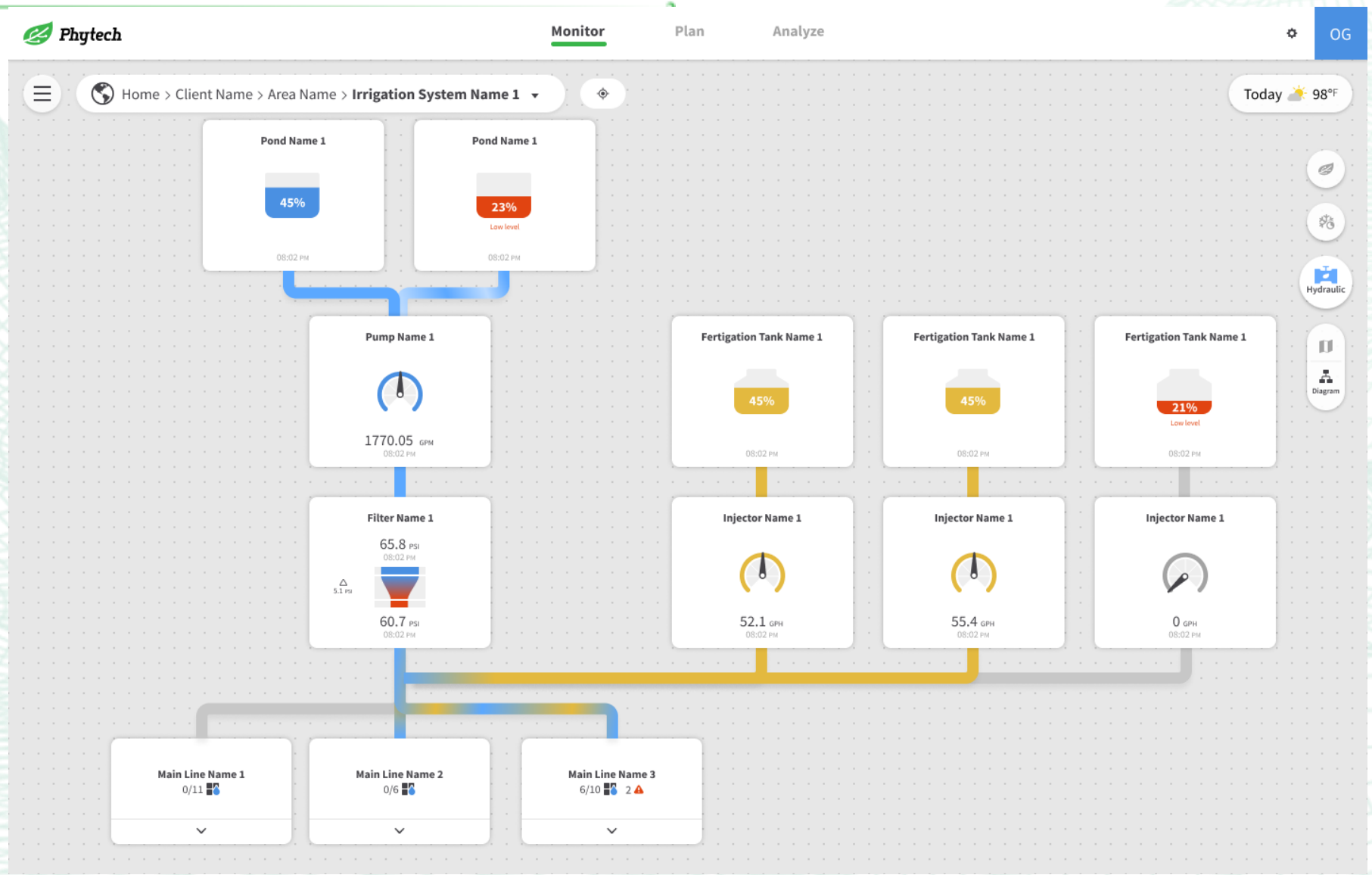
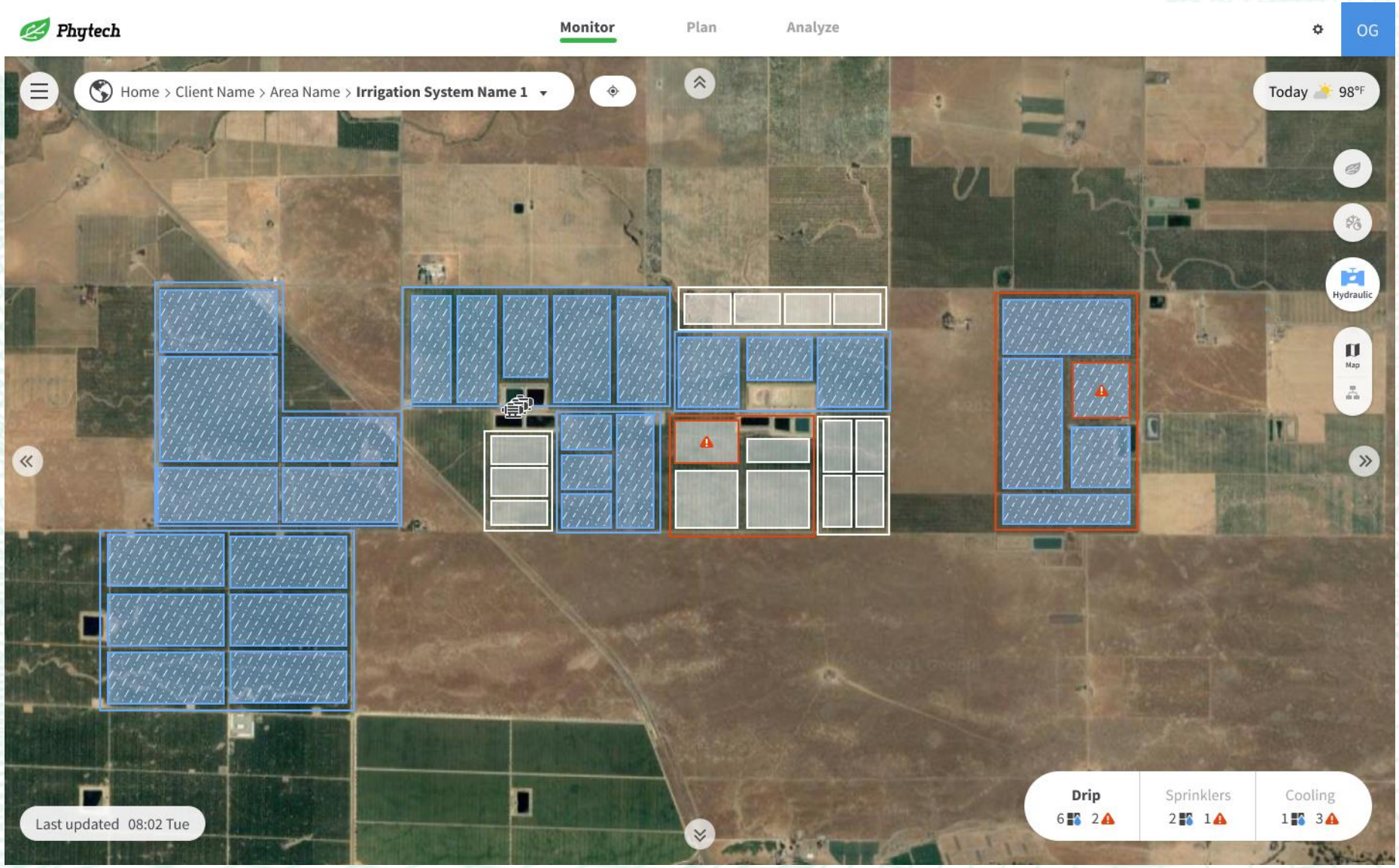
Hydraulic System Monitoring

Diagram View

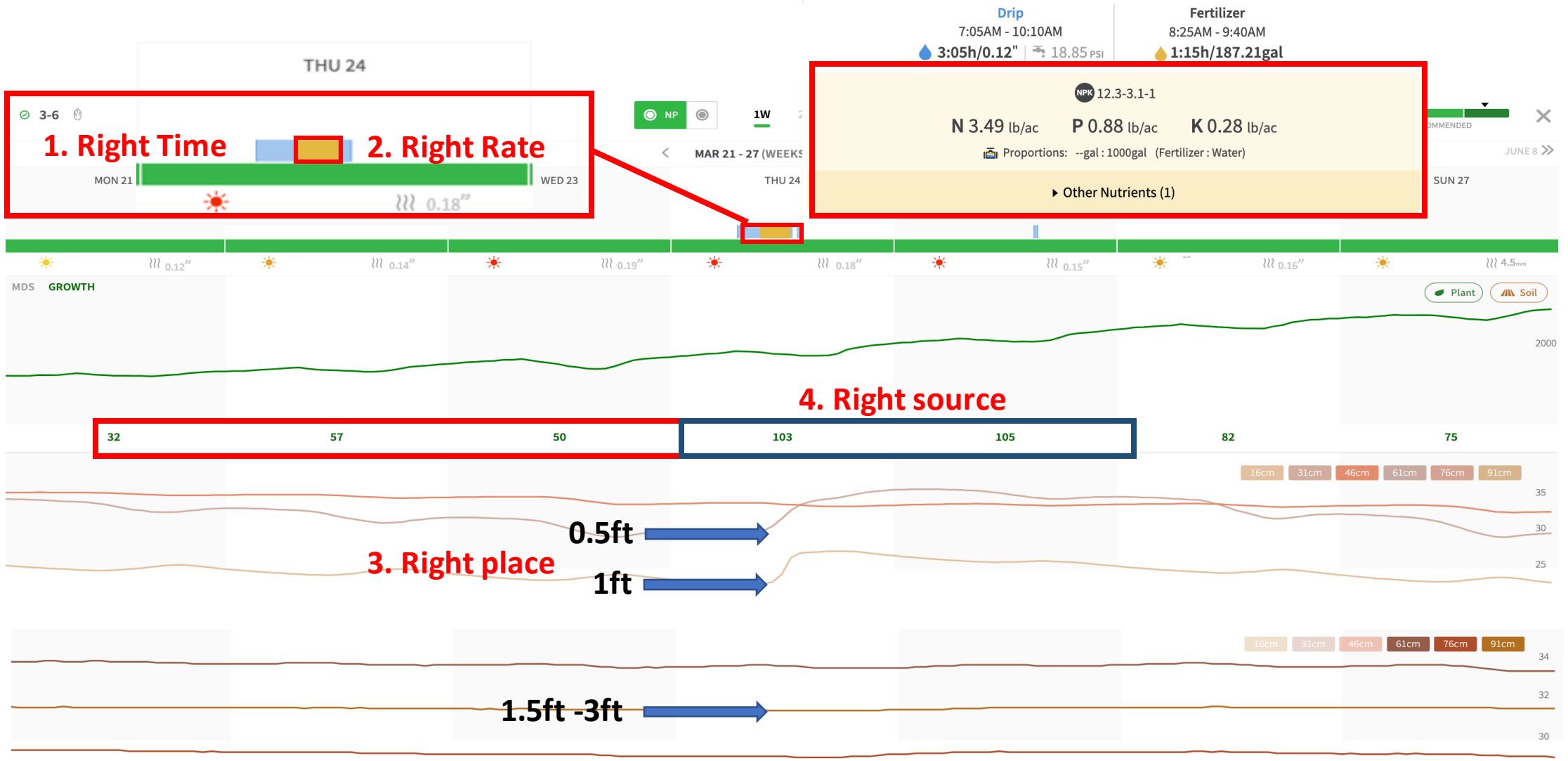


Zoom In: Deep-dive Into Alerts And Valves Performance

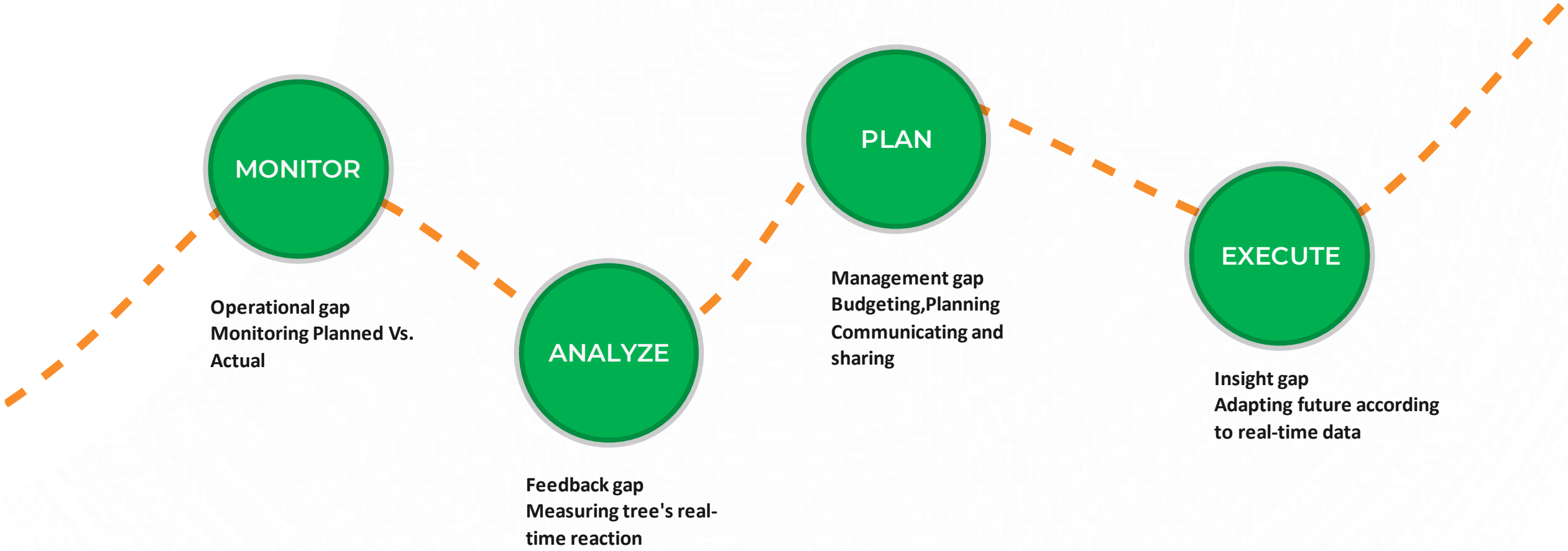


Nutrition

Monitoring And Controlling The 4R's



Bridging The Gaps, Connecting The Dots



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Thank You