



AI that works for Energy

The No-Code Advantage

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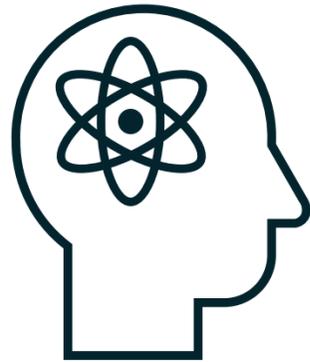
Today...

- Responsible for 24% of the world's greenhouse gas emissions¹
- Responsible for 24% of the world's energy consumption²
- Have an average operational efficiency of 65%³

The Future ...

- A focus on reducing waste, emissions & energy consumption
- Improving production yield & capacity
- Reducing unplanned downtime & prevent costly breakdowns
- Be world-class, with above 85% operational efficiency

AI in the Industry – The Hidden Challenges



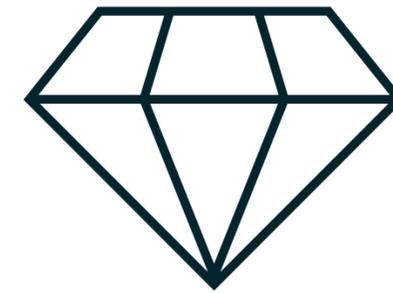
Low business involvement

Lack of frontline worker knowledge and ownership



Low scalability

Inflexible solutions, limited to few use cases



Low & slow ROI

Dependence on data science teams for custom builds

How to win with AI - Empowering the workforce



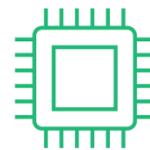
Rapid AI Adoption

Empower frontline workers with usefriendly tools to solve real problems.



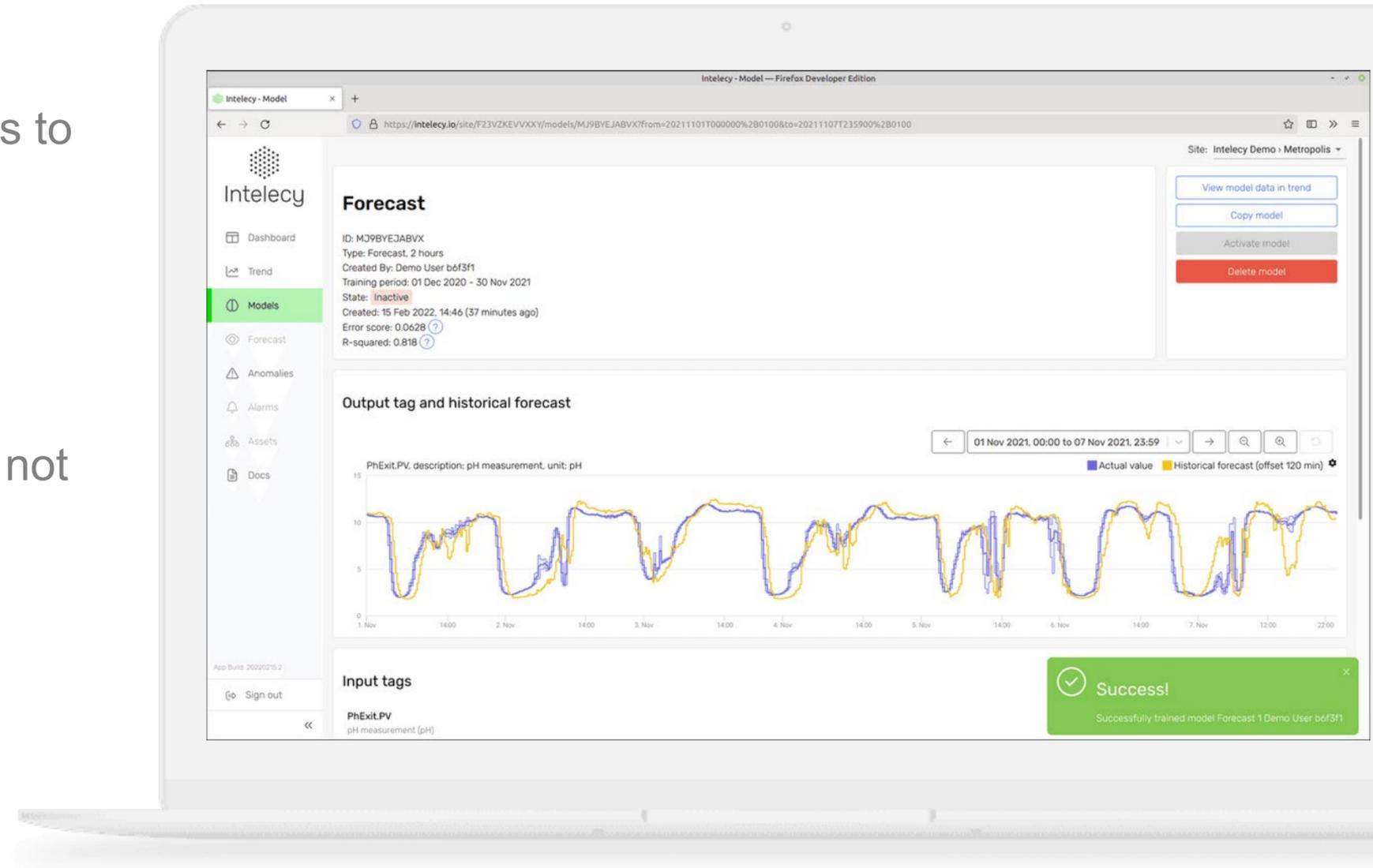
Rapid Deployment

Deploy solutions on live industrial data in days, not years.



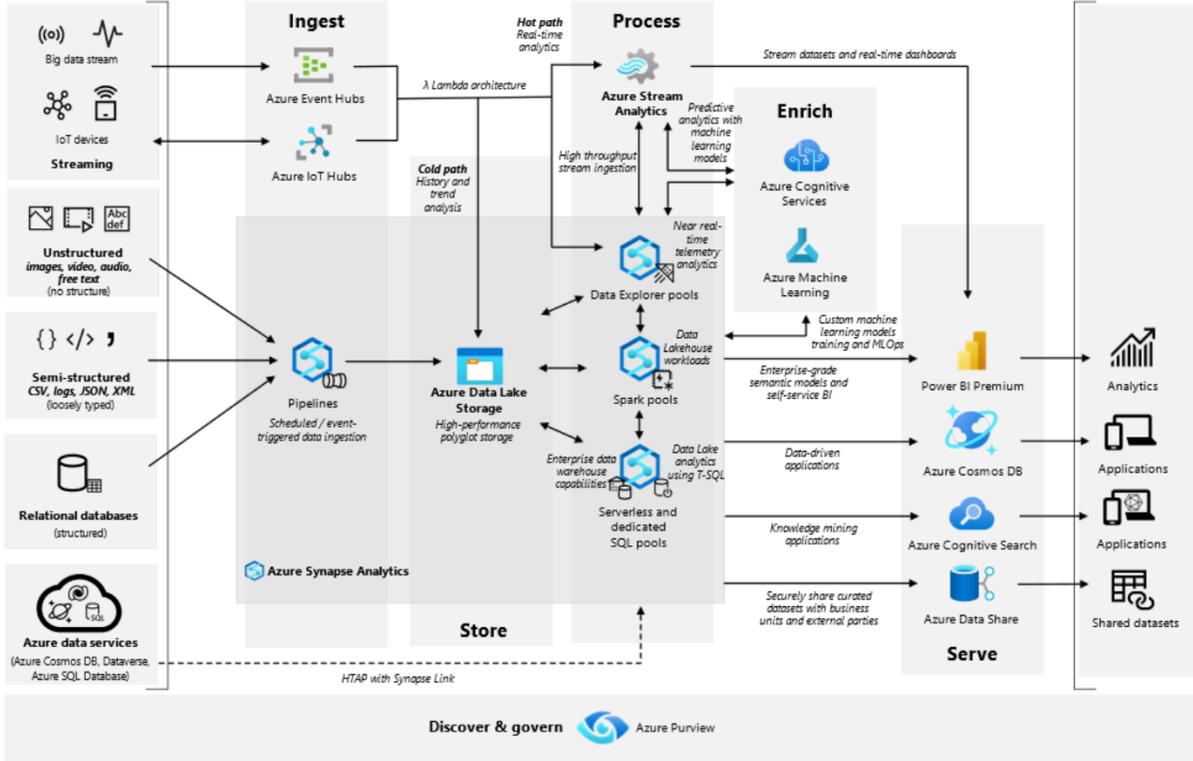
Rapid Scalability

Build tailored machinelearning models in minutes, not months.



Intelex revolutionizes AI, significantly reducing cost and time to value

From complex...



To simple...



Leveraging business insights



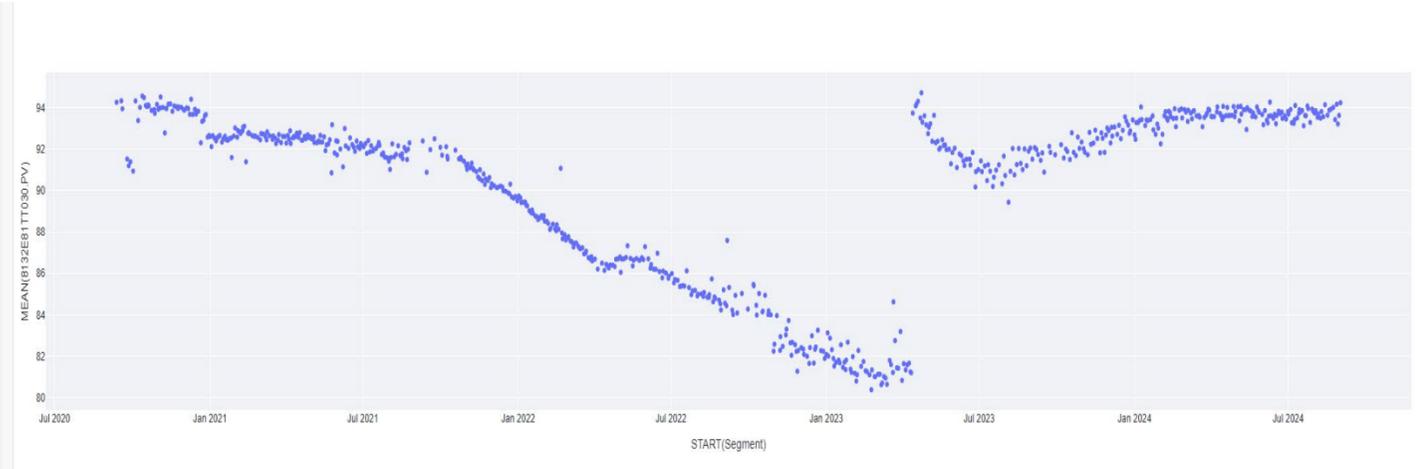
Reducing time to value from years to weeks



Significant cost savings amounting to million of dollars

Facilitating

No Code- RCA + Optimization



No Code- Anomaly Detection



No Code- Forecast & Closed Loops

Output tag and historical forecast



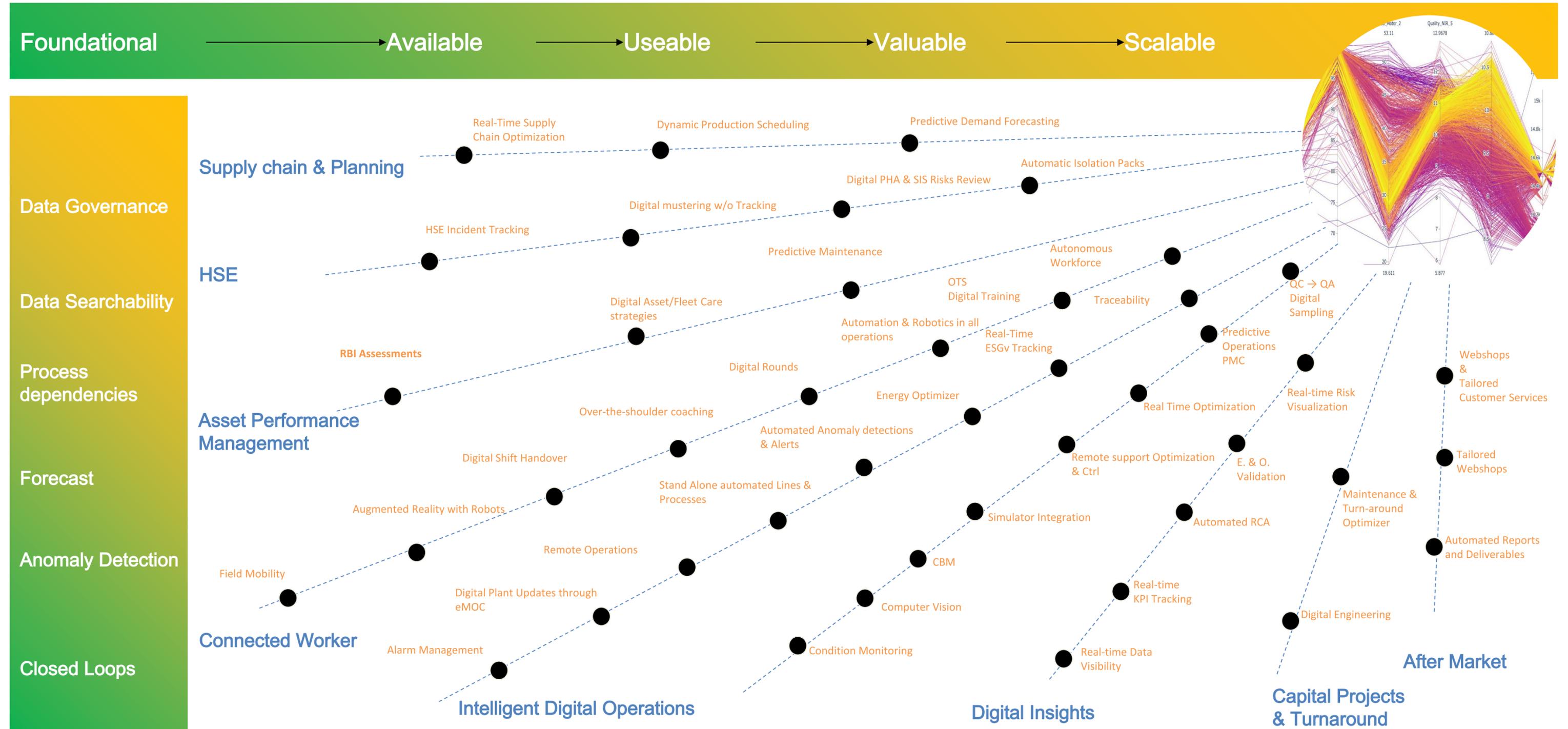
Show only mine Show favorites

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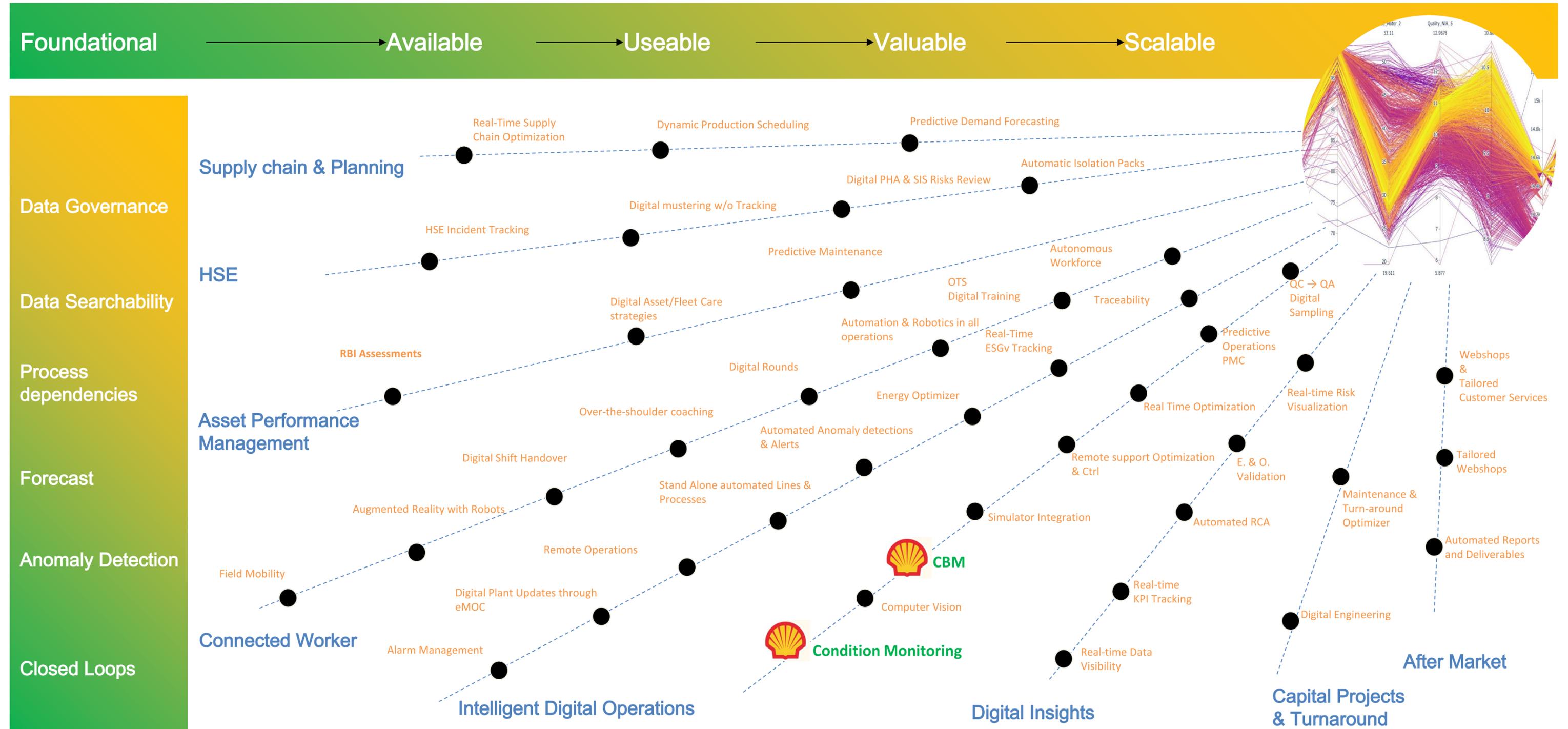
Name ▼	Type	Output Tag	Created	State
test model 2	Forecast 4 hours	FlowSensor1.PV AI Flow sensor 1 (l/h)	11 Mar 2024, 13:37 10 hours ago	Inactive
test au2test	Anomaly Detection Nowcast	PressureSensor2.PV Pressure Sensor 2 (bar)	07 Nov 2023, 10:28 4 months ago	Inactive
test	Forecast 1 hour	PhExit.PV pH measurement (pH)	21 Dec 2023, 19:55 3 months ago	New
pma_forecast	Forecast 2 hours	PhExit.PV pH measurement (pH)	20 Sep 2023, 12:34 6 months ago	Active
pma_anomaly	Anomaly Detection Nowcast	PressureSensor2.PV Pressure Sensor 2 (bar)	20 Sep 2023, 12:58 6 months ago	Active
ph demo take3	Forecast 1 hour	PhExit.PV pH measurement (pH)	07 Mar 2024, 12:15 4 days ago	Inactive
ph demo 2	Forecast 1 hour	PhExit.PV pH measurement (pH)	07 Mar 2024, 11:11 5 days ago	Inactive
pH demo HSL	Forecast 1 hour	PhExit.PV pH measurement (pH)	14 Dec 2023, 10:03 3 months ago	Inactive
openx	Anomaly Detection Nowcast	PressureSensor2.PV Pressure Sensor 2 (bar)	08 Nov 2023, 09:56 4 months ago	Awaiting user input
lime usage forecast	Forecast 1 hour	PhExit.PV pH measurement (pH)	06 Mar 2024, 10:49 6 days ago	Inactive

- 🏠 Dashboard
- 📈 Trend
- 🔍 Data Explorer
- 📄 **Models**
- 👁 Forecast
- ⚠ Anomalies
- 🔗 Assets
- 🧪 Labs
- 📄 Docs

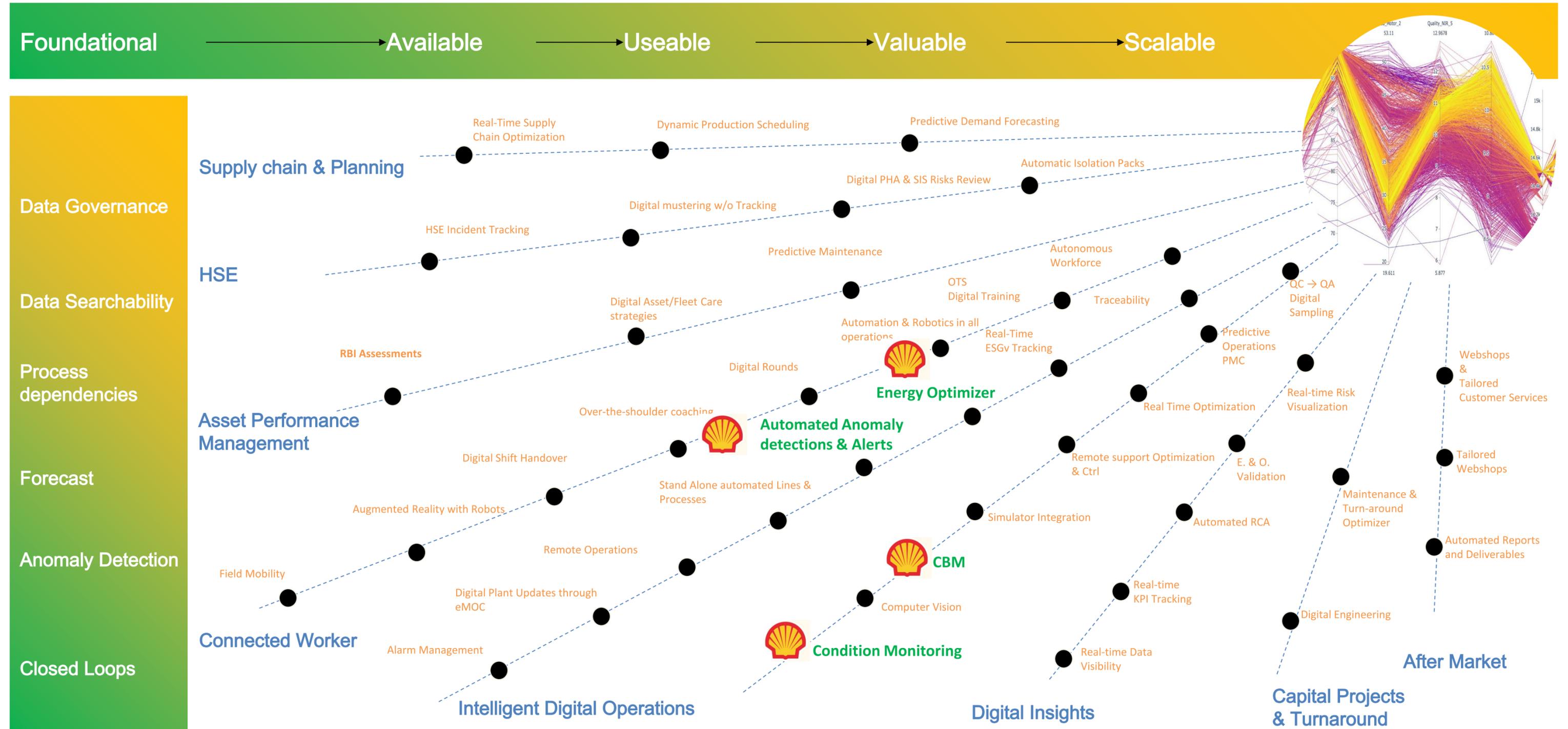
Building the Roadmap to Agile Production



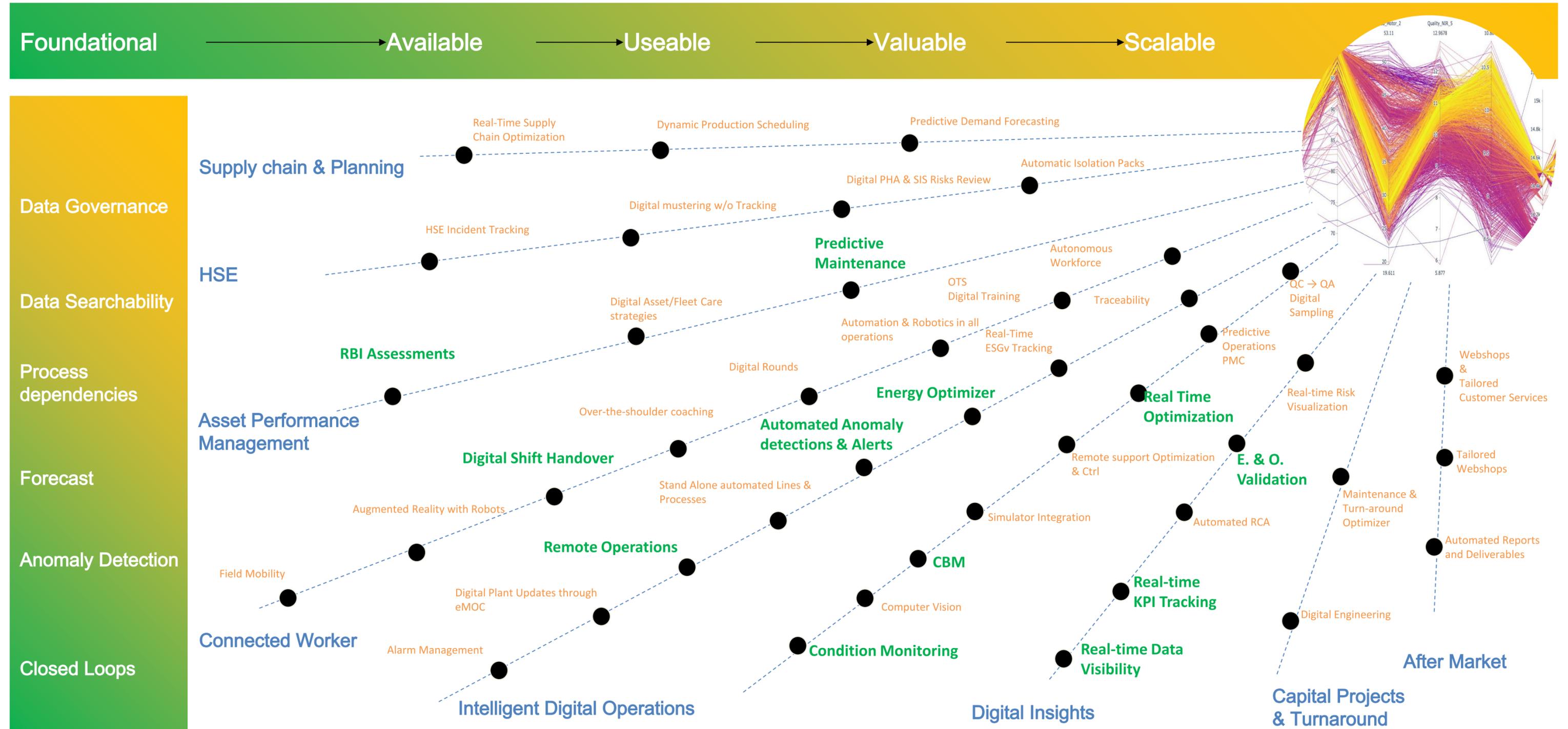
Building the Roadmap to Agile Production



Building the Roadmap to Agile Production



Building the Roadmap to Agile Production



Beyond the Buzz: Real -World Use Cases

Realised Value

\$1.6m

increased earnings and 5% annual CO₂ reduction

Enhanced wasteto-energy efficiency and safely increased capacity.

\$2.2m

annual savings and 1,000 tons CO₂ reduced per year

Reduced downtime and waste with anomaly detection and predictive maintenance.

\$3.3m

annual savings 20% increase in throughput with same energy consumption

Boosted capacity and maintained quality byoptimising production with AI-driven forecasts.



Customer Testimonial

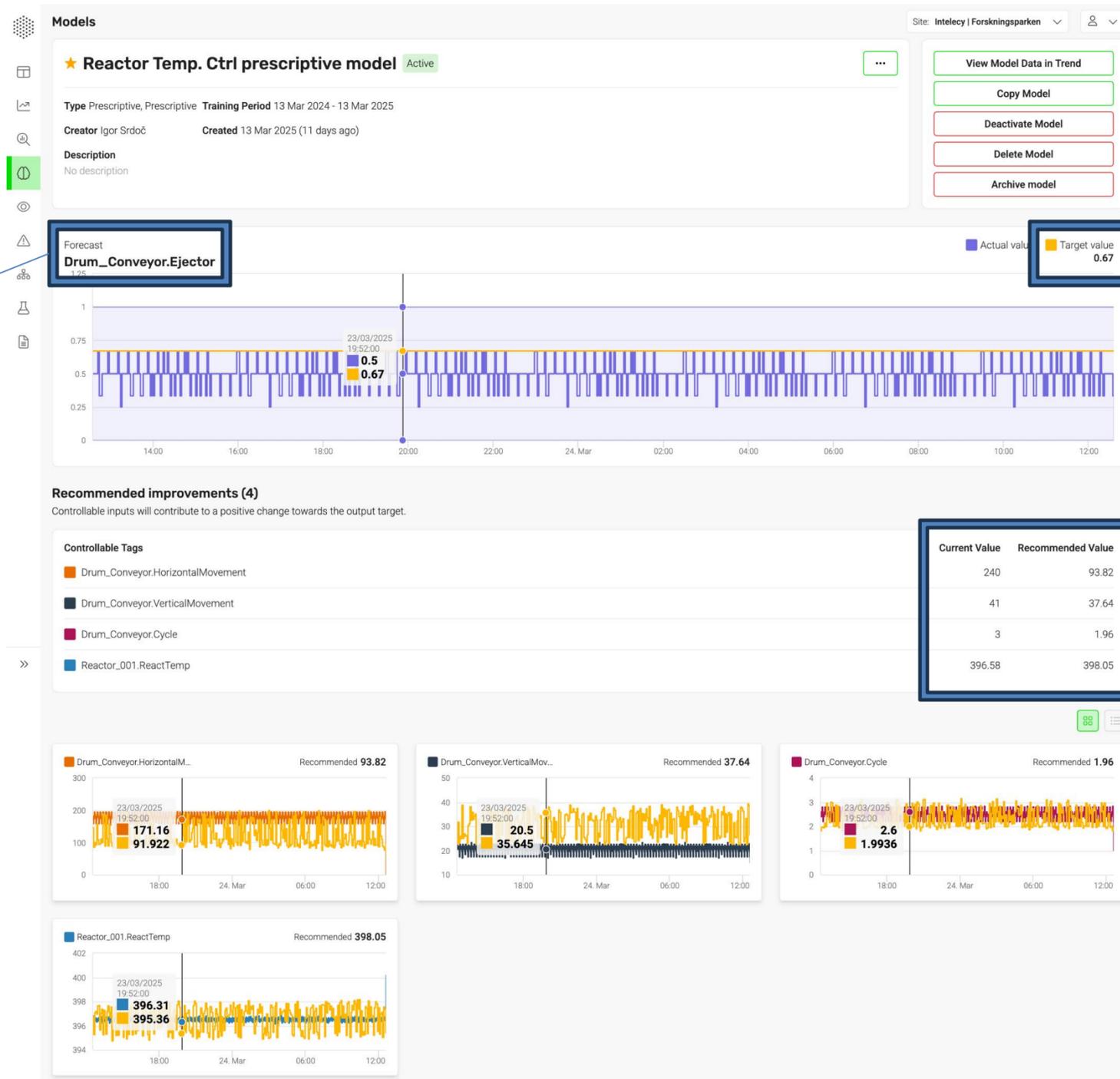
“Intelec has empowered us to implement AI, transform our factory into a 'smart' facility, and enhance our sustainability efforts. We are very impressed with how usefriendly the solution is.”

Fredrik Harloff , Chief Innovation Officer - GC Rieber



Going Prescriptive

No Code Prescriptive Modeling



Target parameter

Target value

Actionable insight



Empowering Every Worker, AI in Every Plant

Democratising AI



- Boosting productivity
- Empowering the workforce
- No Code



Thank You!



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