

Digitalisation of clinical data sets



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FDP and Digitalisation of Clinical Data Sets

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Problem Statement: The Inventory Landscape

There are five challenges impacting Trust's inventory management and supply chain activity.

Five Problems of Inventory

1. Limited Inventory Management Oversight
2. Reactive Procurement Processes
3. Missed Opportunities for Regional Collaboration
4. Challenges with Contract and Performance Management
5. Disconnected Decision-Making from Patient Outcomes

The cumulative effect of these issues is an inefficient
"Inventory Management Pendulum,"

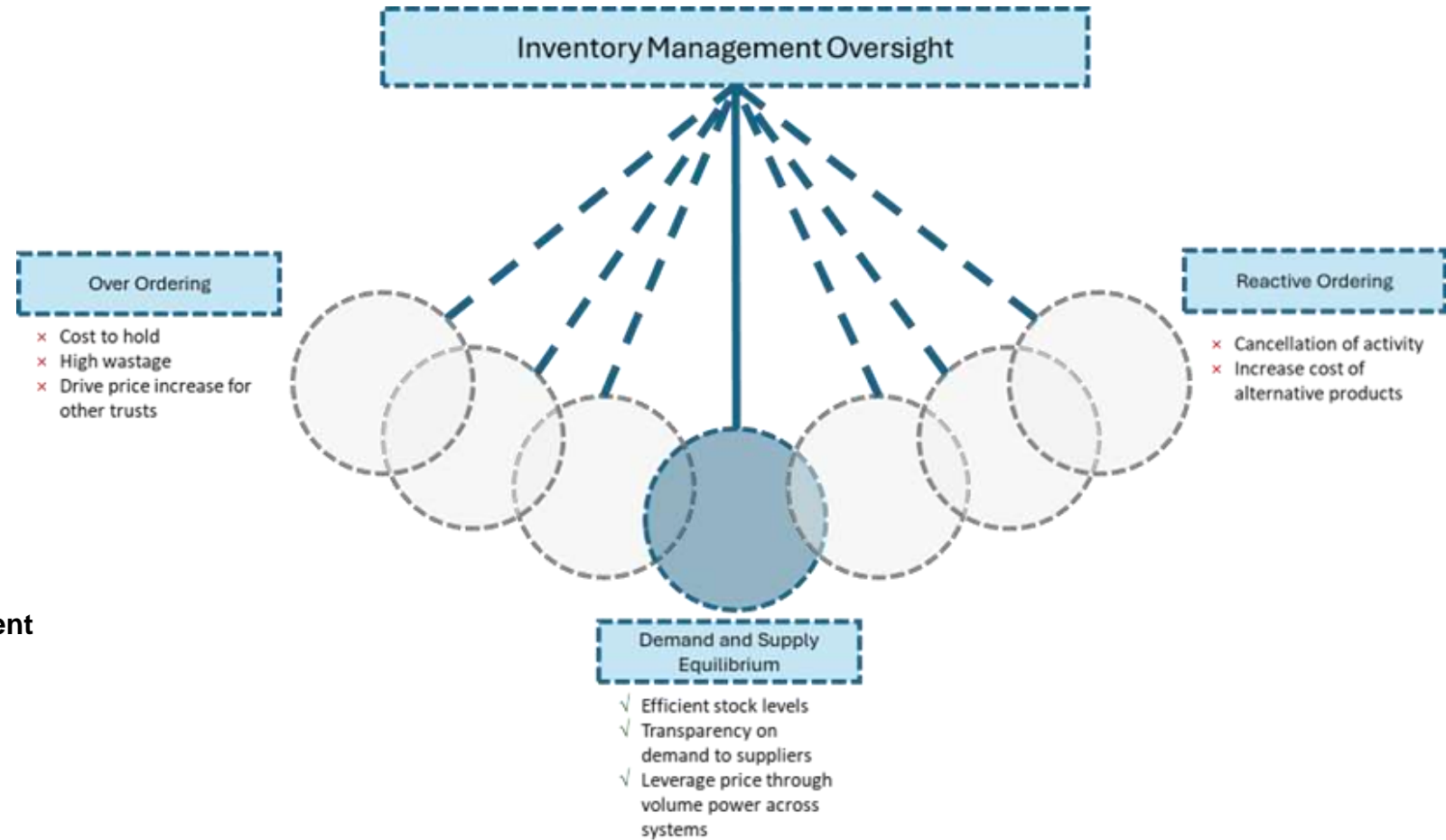
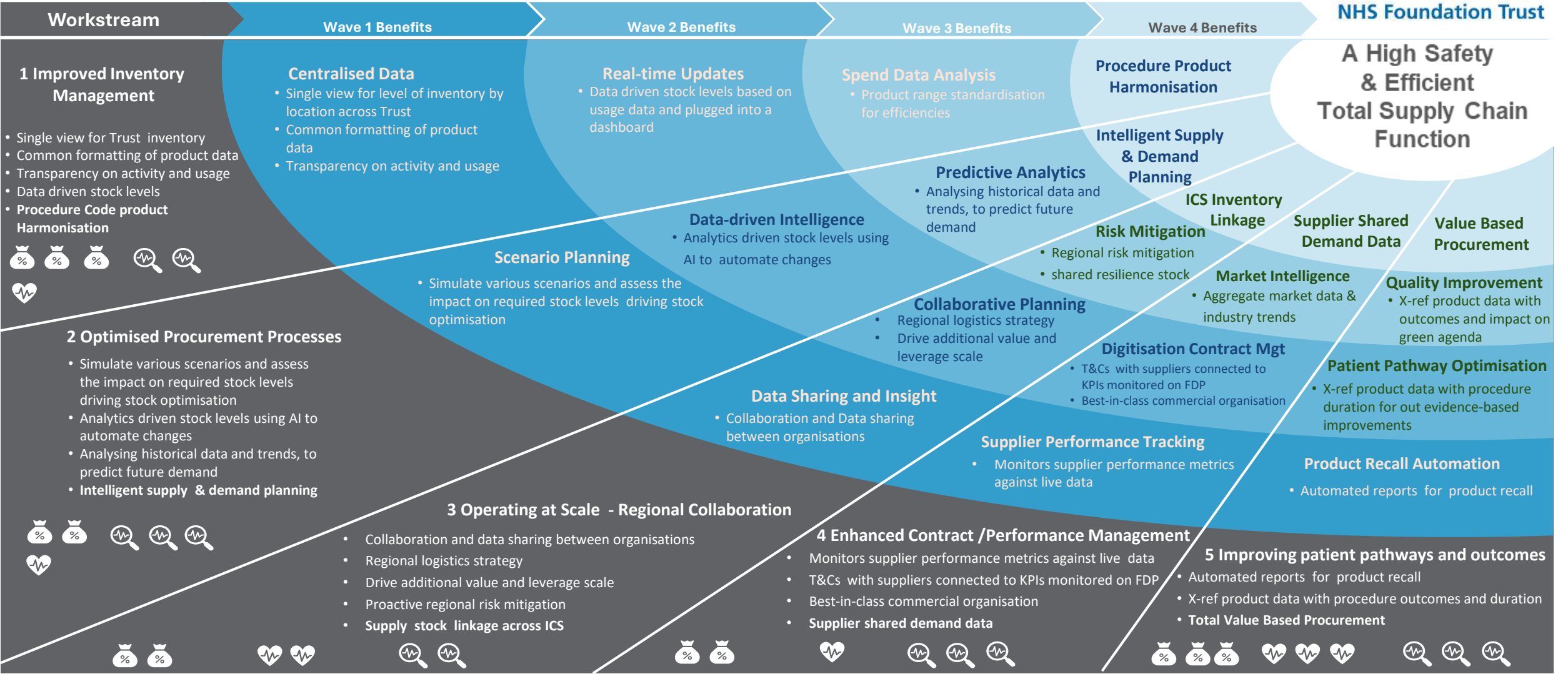


Figure 1: Inventory Pendulum of Cost

Product Vision: Transformation Road Map for A Total Supply Chain (TSC)



Each tier of products builds upon the previous one, propelling advancements across the five workstreams. Northumbria Healthcare NHS Foundation Trust



Key



Cost Improvement



Insight and Efficiency



Patient Improvement

= Tier 1 IMS

= Tier 2 Trust Product

= Tier 2.5 / 3 National Product

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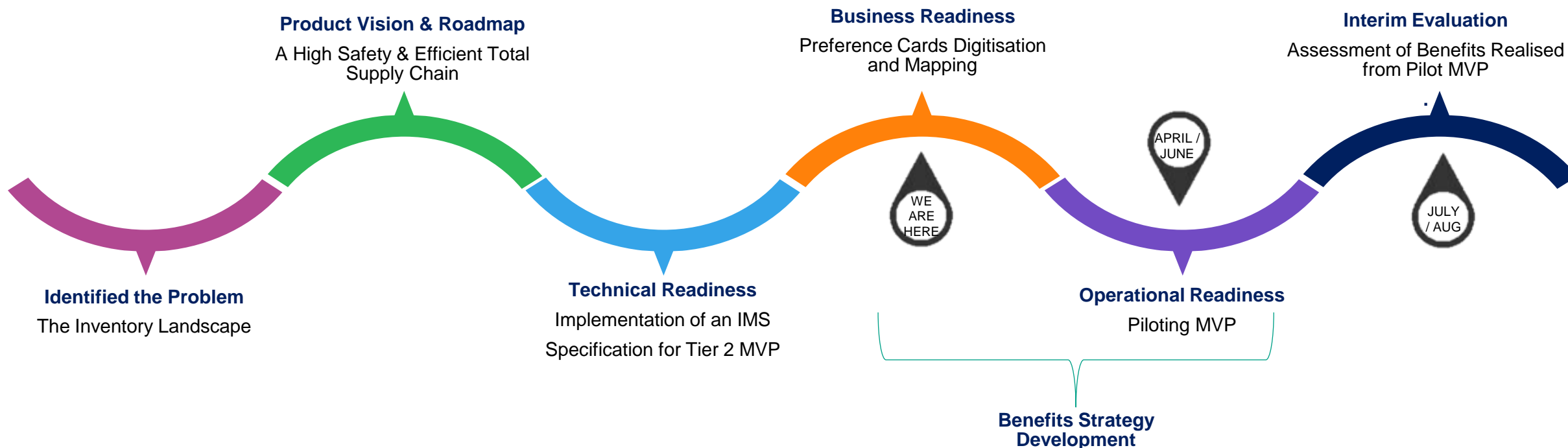
A Total Supply Chain (TSC) Tool: Journey to Date

Northumbria Healthcare Foundation Trust has advanced from defining the problem to preparing for the pilot phase of a solution. Prior to initiating the live pilot, it is essential to establish a benefits strategy and methodology.



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Visual Journey: FDP TSC Tool



Benefits Realisation Strategy - Principles for Assessing Benefits



To achieve a precise and realistic assessment of the potential effects of the MVP, the benefits strategy is founded on five key principles.

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Focus on Benefit Hypothesis

- As an incubator product, the benefits strategy prioritises validating benefit hypotheses rather than merely forecasting benefits.

Data-Driven Insights

- All hypotheses are based on data and inventory insights, ensuring that decisions are informed by empirical evidence.

Forecasting Post-Validation

- Forecasting will only be undertaken after a benefit has been validated during the MVP stage. This ensures accuracy and reliability.

No Double Counting

- There will be no double counting of benefits realised between different product tiers. Each hypothesised benefit is new and distinct from previously achieved benefits from any achieved from the previous tier.

Multiplier Effect

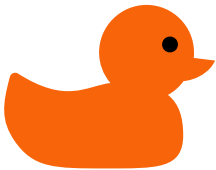
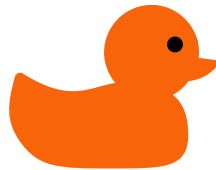
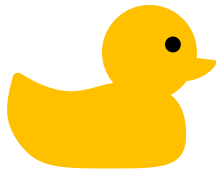
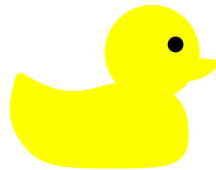
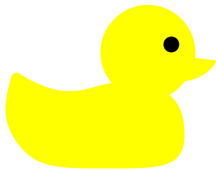
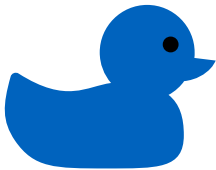
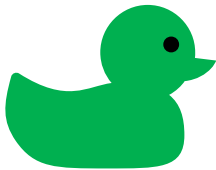
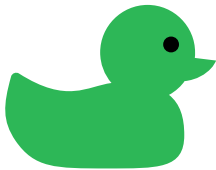
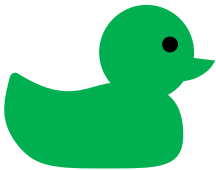
- As you progress through the different tiers of the DaLL tool, there is an additional positive incremental improvement against all previous identified benefits.

Critical Path for the TSC Tool Delivery



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To enable the FDP Incubator product, we need to get all our ducks in a row



Leadership	Funding	Vision	Delivery Partners	Clarity on the ROI	Data Definitions	Procedure Codes	Preference Cards	Adoption and Change
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Executive Clinical Finance Procurement Data & Analytics	IMS Tier 2 Development Or Internal Business Case	A High Safety & Efficient Total Supply Chain Function	NHSE NHS Supply Chain GS1 UK EY IMS	Requires a lot of commitment to achieve business and technical readiness	Trust led approach versus creating national standards	Local codes mapped to procedure codes	Electronic Preference cards mapped to catalogue references.	Embed Change and develop skills required for procurement and inventory teams
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