



Submarine
Delivery Agency

Availability Improvement – Project Resolution Overview

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Why?



Project Resolution – Where it began

- Project Resolution was stood up formally on 1 April 2021
- The programme was formed to lead the cross-enterprise implementation of the Blueprint for In-Service Support
- This document recommends a sustained effort to look into root causes and longer term initiatives alongside improving the current availability position with enterprise collaboration and data driven decision making at it's heart



Vision



Our Vision

To deliver the submarine availability that Defence requires, underpinned by stable schedules and world-class through life capability management, achieved through decision making in a data rich environment



SDA28 Strategy – Focus areas & change definitions

Enterprise alignment

Supply chain performance

Agency effectiveness

Strategic Change:

- Cross-cutting SDA or enterprise-wide improvement
- New team set up & time-bound
- High benefits or high dependencies on other improvements with cumulative high benefits
- Change will be owned by a Director who is seen as accountable, but it is likely to require all Execs to sponsor/lead the change to assure engagement and achievement of benefits

BAU - Continuous Improvement:

- Improvement of existing way of working
- Existing team either not time-bound or likely to exist >3yrs
- Led by TL/Director who have existing agreed responsibility; unlikely to need all Execs actively championing the change to ensure adoption

Strategic or BAU projects may exhibit some or all of the above characteristics;

Strategic Projects move from Strategic Change to BAU once complete – i.e once the change is adopted and embedded, it is usually necessary to refine and continue to embed

Project Resolution is structured around the SDA28 aims and change definitions

What?



We deliver under the following areas of scope

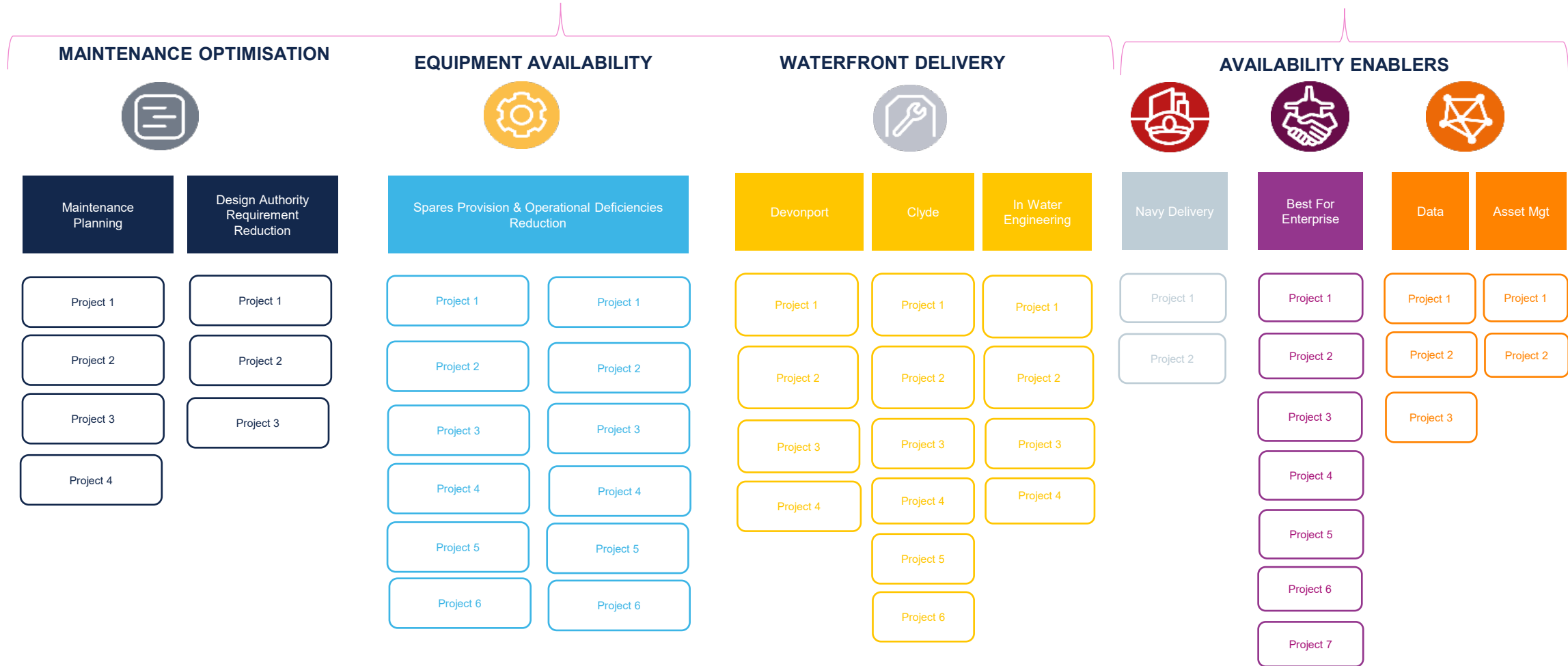
The following workstreams are all looking to improve areas that put pressure on submarine availability



Enterprise activities tackling the scope

Continuous Improvement

Strategic Change



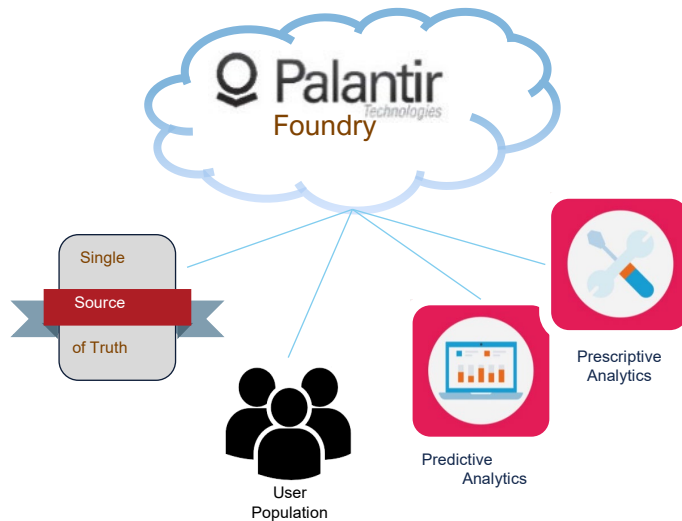
Data Analytics & Insights



Data Integration &
Asset Management

“To enable those in support of Project Resolution to make better, data-driven decisions around Submarine availability improvement focused activities”

- Project Resolution’s Data Integration Team have been focusing on Data Analytics and Insights, utilising Palantir’s Foundry tool – this capability allows us to structure data gathered from across the enterprise into a model with associated relationships between objects, which we can then take advantage of to make better data-driven decisions
- Our aspiration is to move into the predictive/prescriptive analytics space and develop a predictive ‘Process Digital Twin’



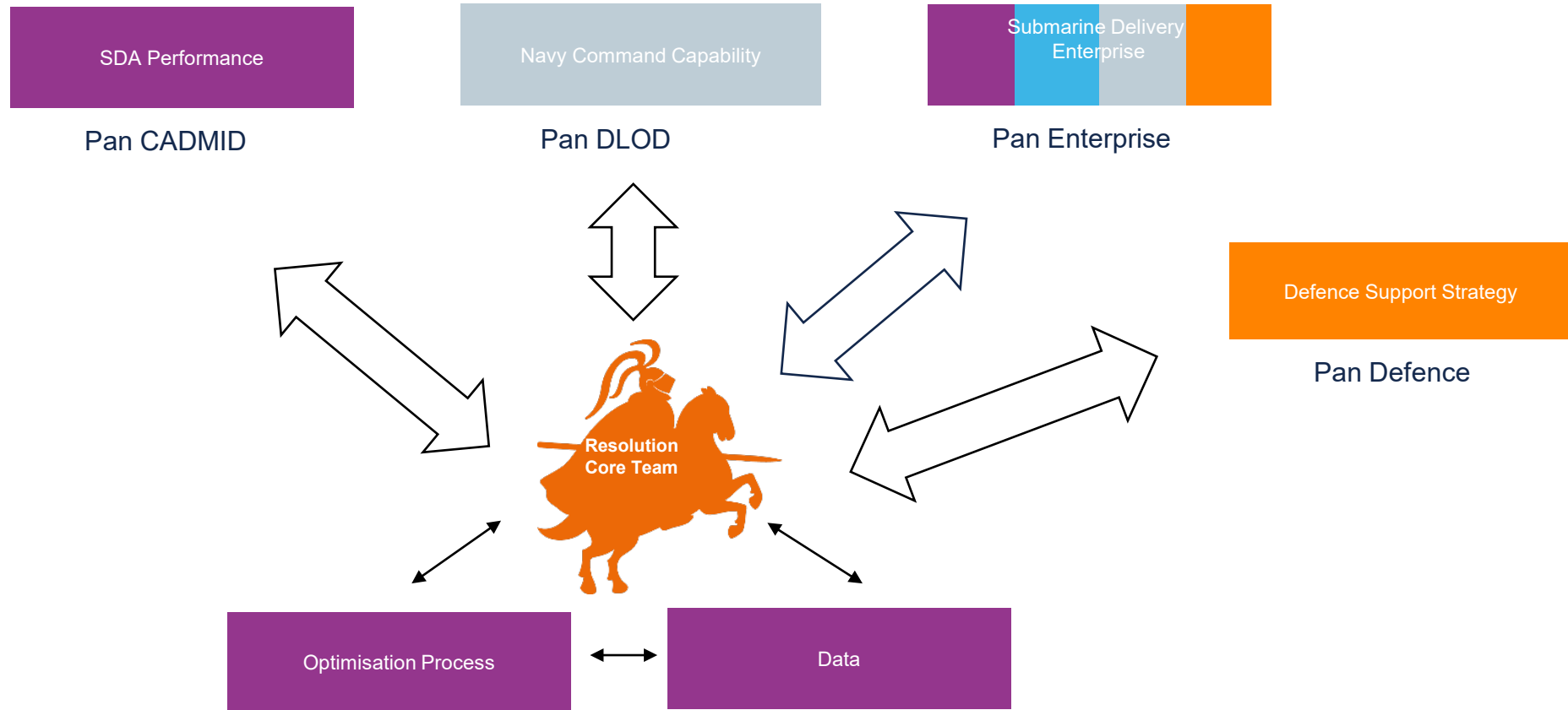
How?



Multiple partner contributions to our scope



Availability – Governance strands and inputs



Key



SDA



Industry



Wider MOD



Navy Command

Building a successful in-service enterprise

- No one partner can deliver the level of change, improvement and stability alone
- The Blueprint description of a successful enterprise focuses on Enabling activities:
 - Joint teams and clear roles/responsibilities for all org's
 - Through life capability management
 - Optimised organisation
 - Shared data used to inform decision making and status
 - Availability focused contracts
 - Highly skilled, flexible, collaborative workforce
 - Integrated Defence Lines of Development activity
 - Culture behind a common purpose
- We need to grow these Enablers both across enterprise stakeholders and the submarine lifecycle
- This is beyond the individual scope of Project Resolution or even the SDA, so it's vital that we create an inclusive, best for enterprise approach to enabling activities

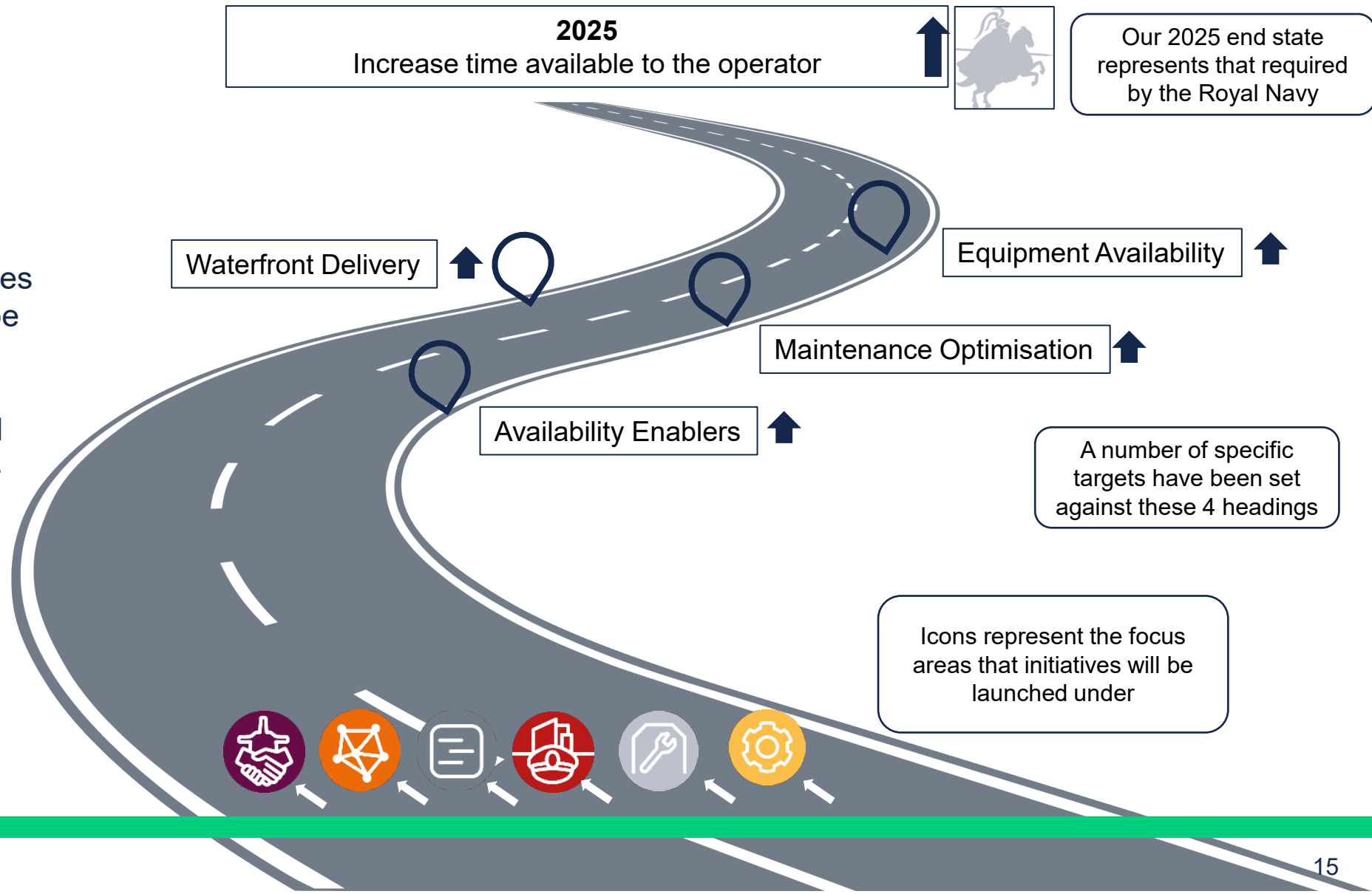
Figure 4: Seven elements of a successful ISS enterprise



When?



Roadmap to 2025



Narrative:

- We will deploy a number of availability improvement initiatives under the defined areas of scope
- As those initiatives mature it will start to have an impact on our 4 target areas
- Hitting these targets will help us achieve our 2025 Submarine availability end state



Submarine
Delivery Agency

Our mission: To deliver
available and capable
submarines for the Royal
Navy in defence of the
Nation

