

Excellence in Major Project Leadership

Helen Sturdy

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National Head of Construction and P23 Framework





Helen keeps her hard hat in the boot

BENEATH the baggy boiler suit and hard hat is a lovely, unpretentious young woman. Engineer Helen Hulme, 22, is this week's Woman of Tomorrow entrant.

Helen travels around the country advising on technical problems like air conditioning, life alarm systems and water services. "People say to me, 'You don't look like an engineer'. What does an engineer look like?" Usually nothing like Helen. With her statuesque figure and cheekbones most women would kill for, she is the antithesis of the traditional grease monkey.

The majority of those she works with at National Industrial Fuel Efficiency Services (NIFES) in Altrincham are men — and most are old enough to be her father.

In this northern man's world, there is little evidence of adapting to the tricks of women who also work there. On the top floor,

By FRANCES BRIERLEY



HOPE: Engineer Helen Hulme

Helen Sturdy nominated for award

IHEEM has nominated Helen Sturdy Karen Burt Award.



1st female Chartered Engineer in Healthcare (IHEEM)



ASSESSOR

FANCY YOUR HAND AT ELECTRONICS...

Helen of Stockport Road, Timperley, left Ashton on Mersey Secondary School last June with GCSEs in six subjects and joined the 'Women into Engineering' YTS pilot course run by GEC Turbine Generators of Trafford Park.

Subject to her BTEC 1st and 2nd Certificate results, she hopes to take further BTEC units specialising in either electronics, electrical engineering, mechanical engineering or draughting.

Her advice to any young women considering engineering is: 'Don't assume that you know what engineering is. Find out more from your careers advisor, or best of all visit an engineering firm if you can'.

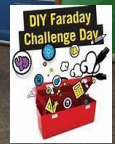
She says 'I am very hopeful of finding a job, as technical skills are in short supply', and adds: 'There is so much variety in my training and future job path as an electronics technician'.



HELEN HULME
GEC TURBINE GENERATORS
TRAFFORD PARK



Cracking up! Helen Hulme, 21, at the UCL egg race



This is to certify that

Helen Sturdy



School go-kart race

Name: Andrew Year: 4



Agenda

20 Years Procure Iteration

Collaborative Partnership To Deliver Common Goals

Driving Innovation And Building On Best Practice





20 Years Procure Iteration



Scene Setting – Provider Estate

Source: ERIC 21/22



- 10,258 buildings
 - 220 General Acute Hospitals
 - 215 Trusts



- 26.7 million m². Equivalent to 395k homes
- 142,000 beds (2.43 beds per 1000 population)



- 1.6 million patient contracts per day or 590 million per year
- Serve 227 meals/minute



- Enough car parking spaces to park 166,000 cars



- Green electricity usage enough to power 211k homes annually



- ~90k E&F staff (internal head count)
- 1.6m employees: 6th largest employer in the world



- 12% of GDP spent on health (£180bn per year)
- £10.2bn revenue/year
- £10bn Capital/year
- 10.2bn backlog maintenance



- Clinically clean the area the size of Gibraltar over 1.5 times a day



- £85 billion to replace new*
- Major projects £20bn 10-year initiative



- More patients sleep in our beds each night than there are hotel rooms in London

PROCURE23

ProCure23 is the **fourth generation of NHS England's route to market** for the provision of design and construction services to NHS capital projects.
>20 years delivered >£15bn



Commenced March 2022 & expires October 2026

ProCure framework **high pedigree** proven and trusted track record



ProCure23 is provided **free-to-use**
Total spending cap of £9 billion



Regional focus for delivery
High rigour and auditability



Collaboration



23 Contractor Partner and supply chain

Find out more
about ProCure23





Framework Headlines:



For use by NHS Clients needing health **design and construction**



A **one-stop-shop solution** for managing design and construction



Fast-track capital procurement solution suitable for delivering minor and major works



Does Not provide **Funding**



Although mature **ProCure23 its contemporary** undertaken by experienced professionals



ProCure23's **design** – stakeholder-wide consultation



Procurement **specific** for the NHS with the right partners



Framework: Shared Initiatives



Free-to-use Tools to assist project delivery



Implementation Lead support, in a neutral capacity



Assurance regularly undertaken at framework level



Economic and Financial Standing checks undertaken



Framework will **suspend or expel** any Supplier who lose their assurances



Trust Selects a **design** and **construction** partner

Prescribed process call-off **ensuring** Public Contract Regulations compliance

‘Call-off’: **Mini-Competition** between all in-Lot Suppliers

Mini Competition: Has an **up-to a 10-step process**



Using **templated** ProCure23 call-off documents



Call-off process takes **4-10 weeks**



COLLABORATIVE PARTNERSHIP TO DELIVER COMMON GOALS

Collaborative

ProCure23 uses NEC4 Option A&C contracts – promotes and building positively on relationships & collaboration

Accountable

Each PSCP has nominated a board member accountable for the successful delivery of all their schemes

Committed

Requires a commitment from all parties to their respective charters (client, professional advisors, supply chain)



All About The People

NATIONAL TIER 1 CONTRACTORS WORKING ON HEALTHCARE

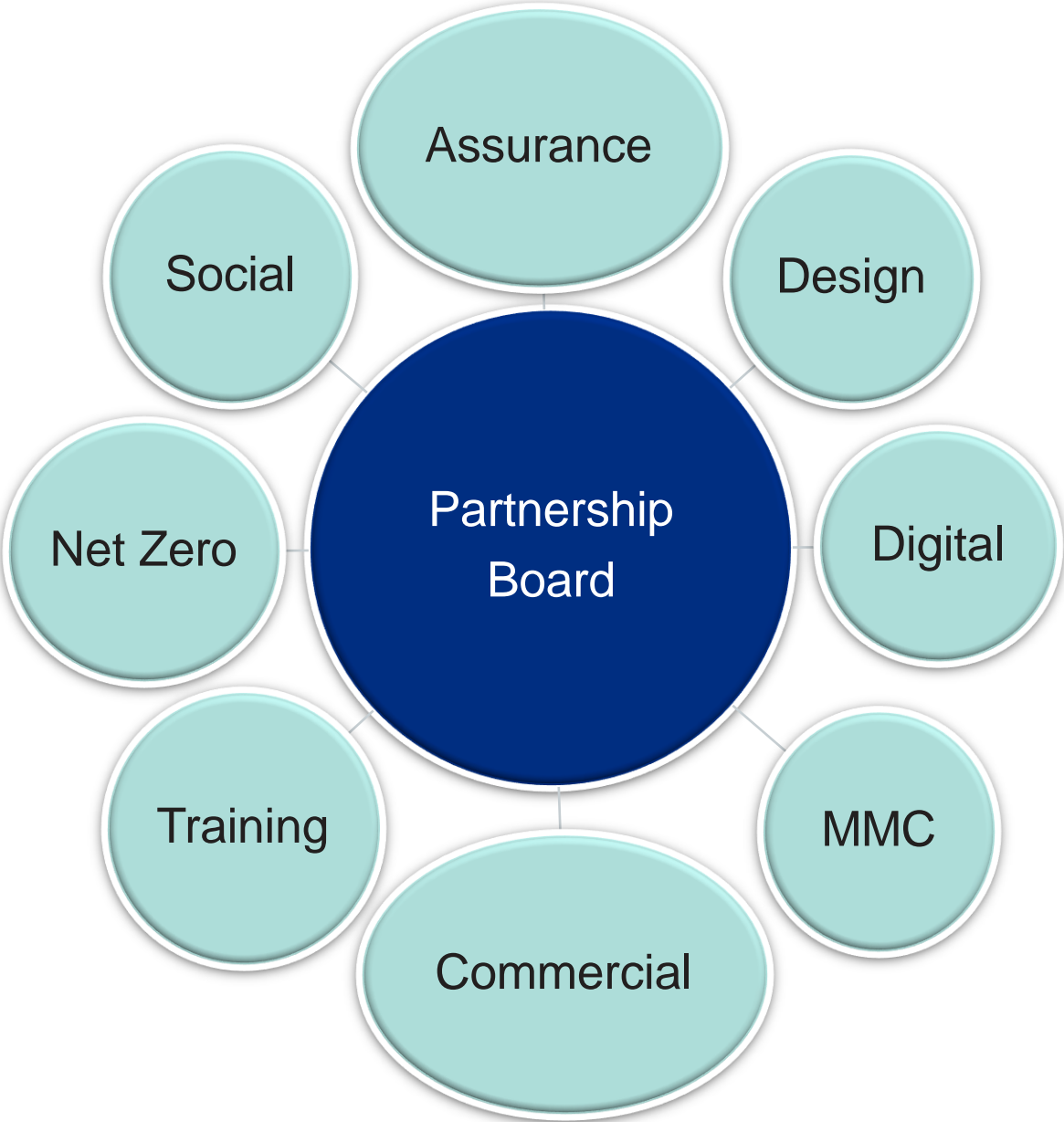
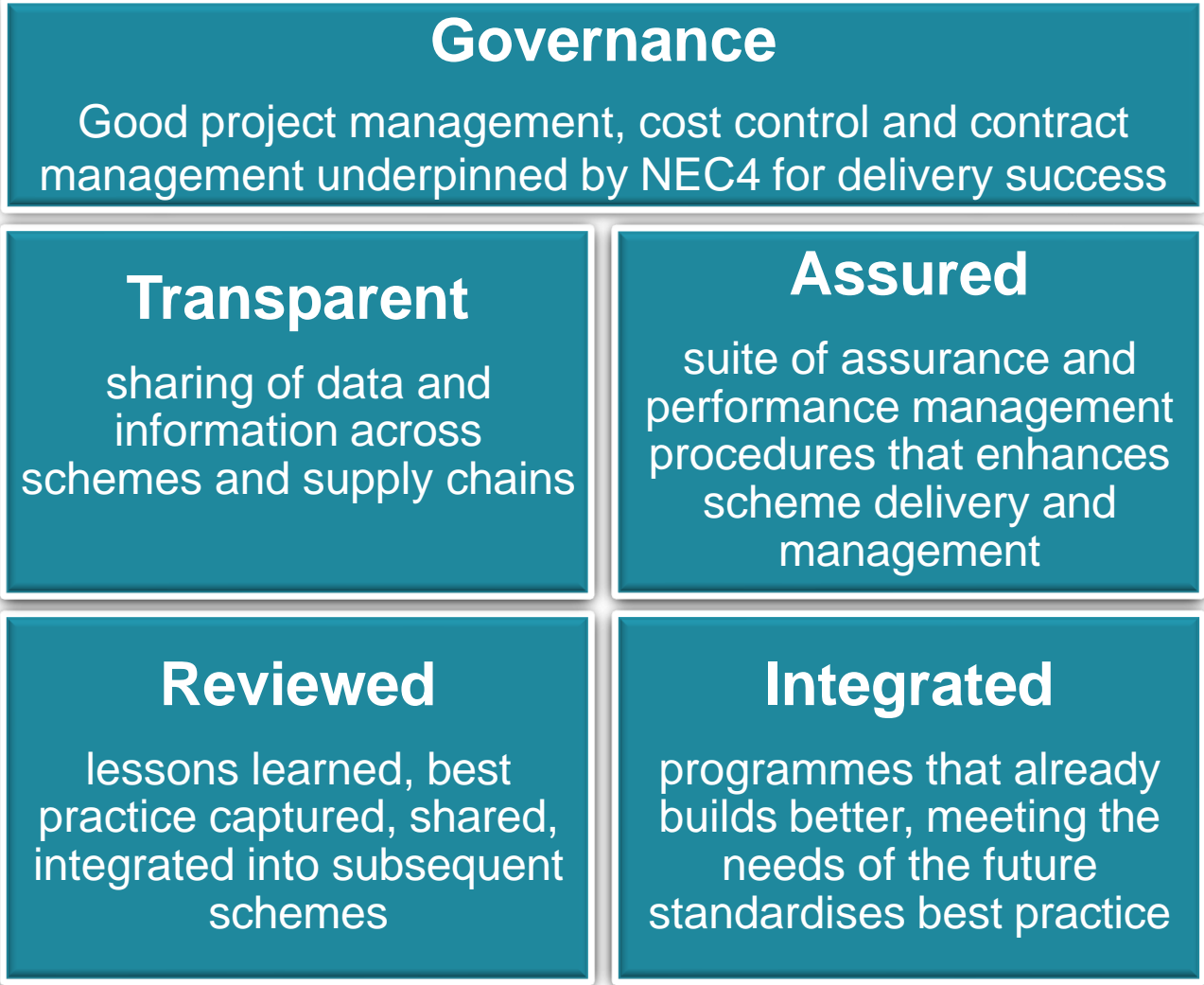
There are twenty-three suppliers appointed to the framework across different regional and value lots, including a blend of large, experienced suppliers and SMEs.

Genuine
collaboration
forming a public
and private
partnership board

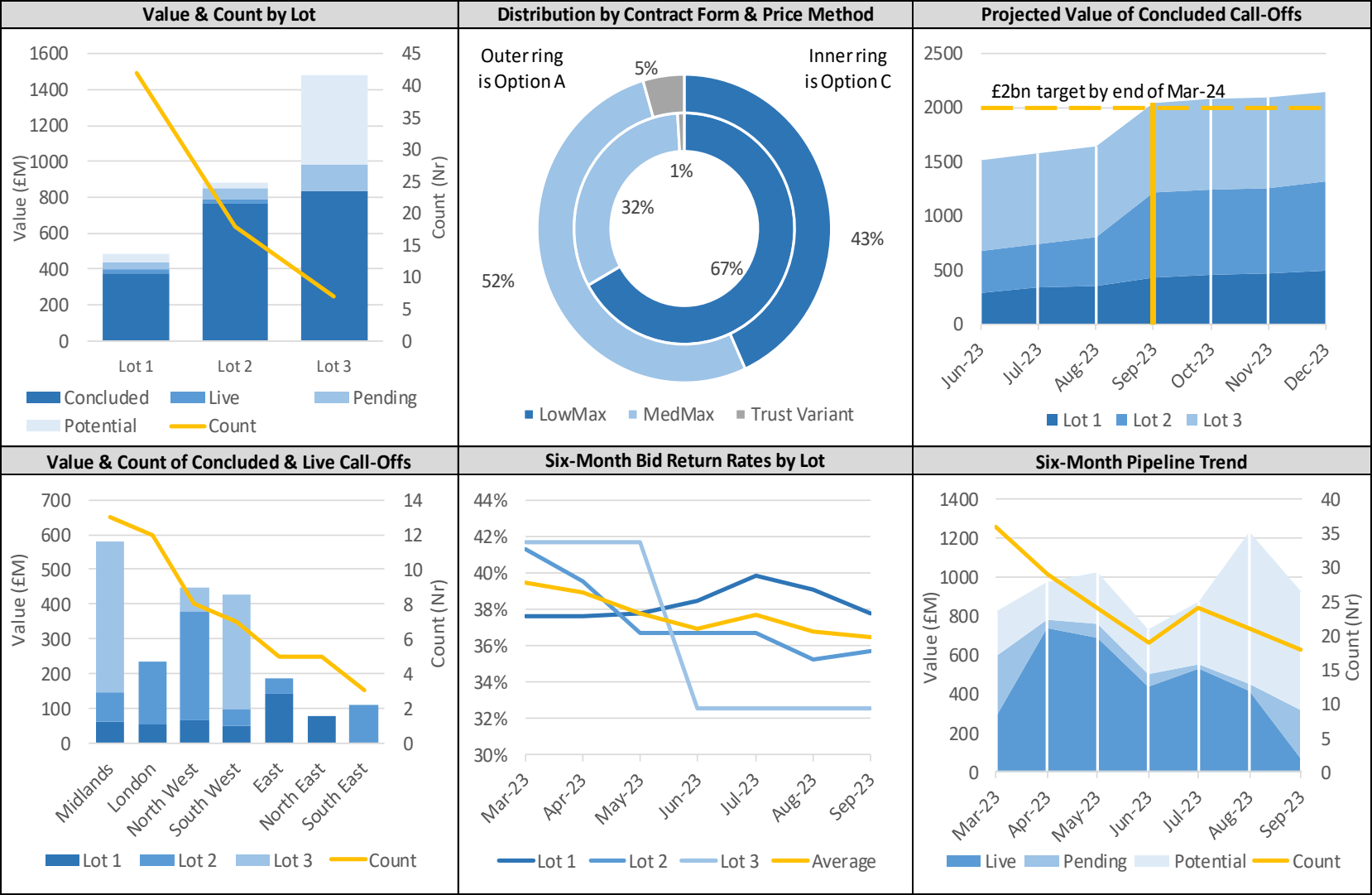


COMMITTED TO GETTING IT RIGHT FIRST TIME

Collaborative Working Groups



P23 STATS – SHARED KNOWLEDGE

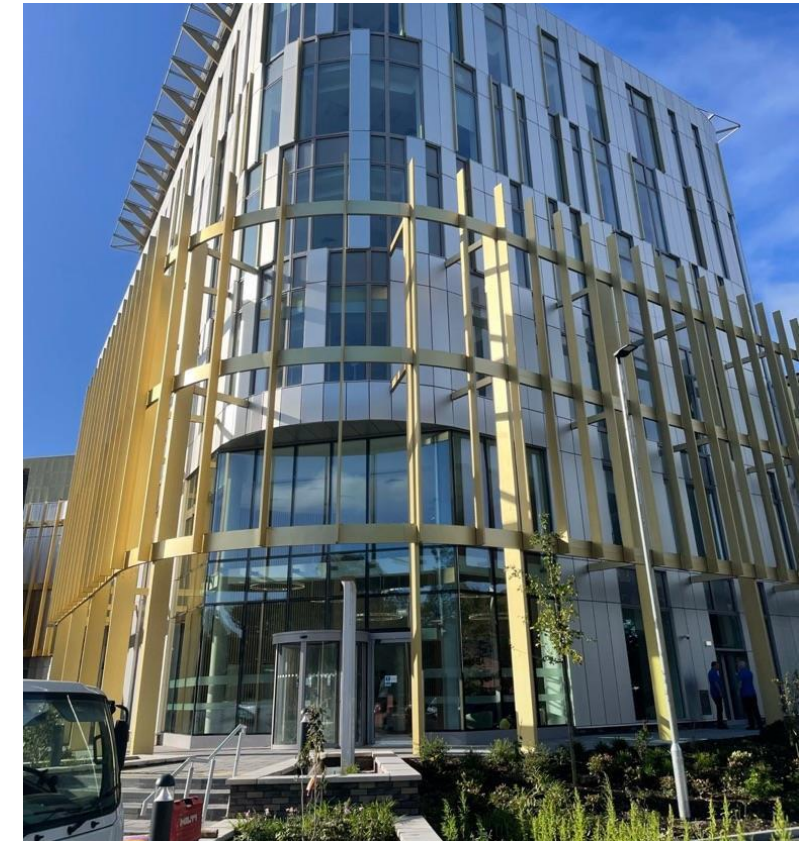


54 concluded call-offs
c. 125 live projects
Cumulative value = >£2bn
Lowest value = £1.8m
Highest value = £273m
Option C is majority chosen by clients

GREATER MANCHESTER MAJOR TRAUMA HOSPITAL

First UK RAPTOR Theatre where interventional/ diagnostic radiology procedures, including CT, open operative techniques, and resuscitation, can be performed concurrently

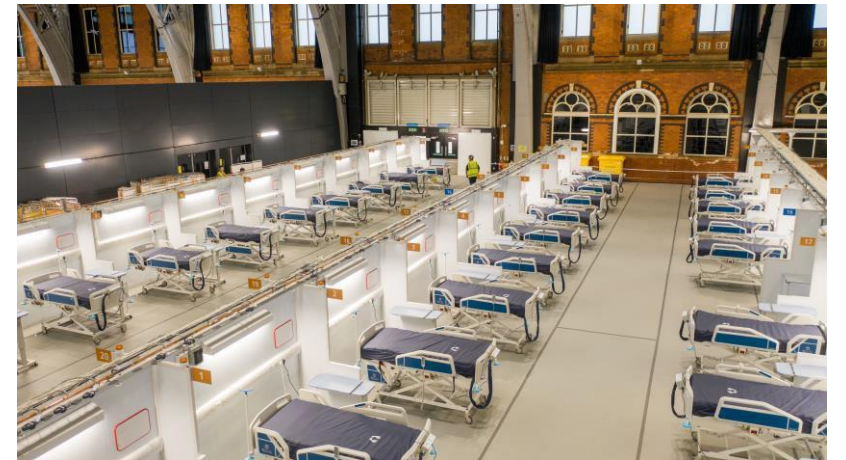
First UK rooftop level access Helipad



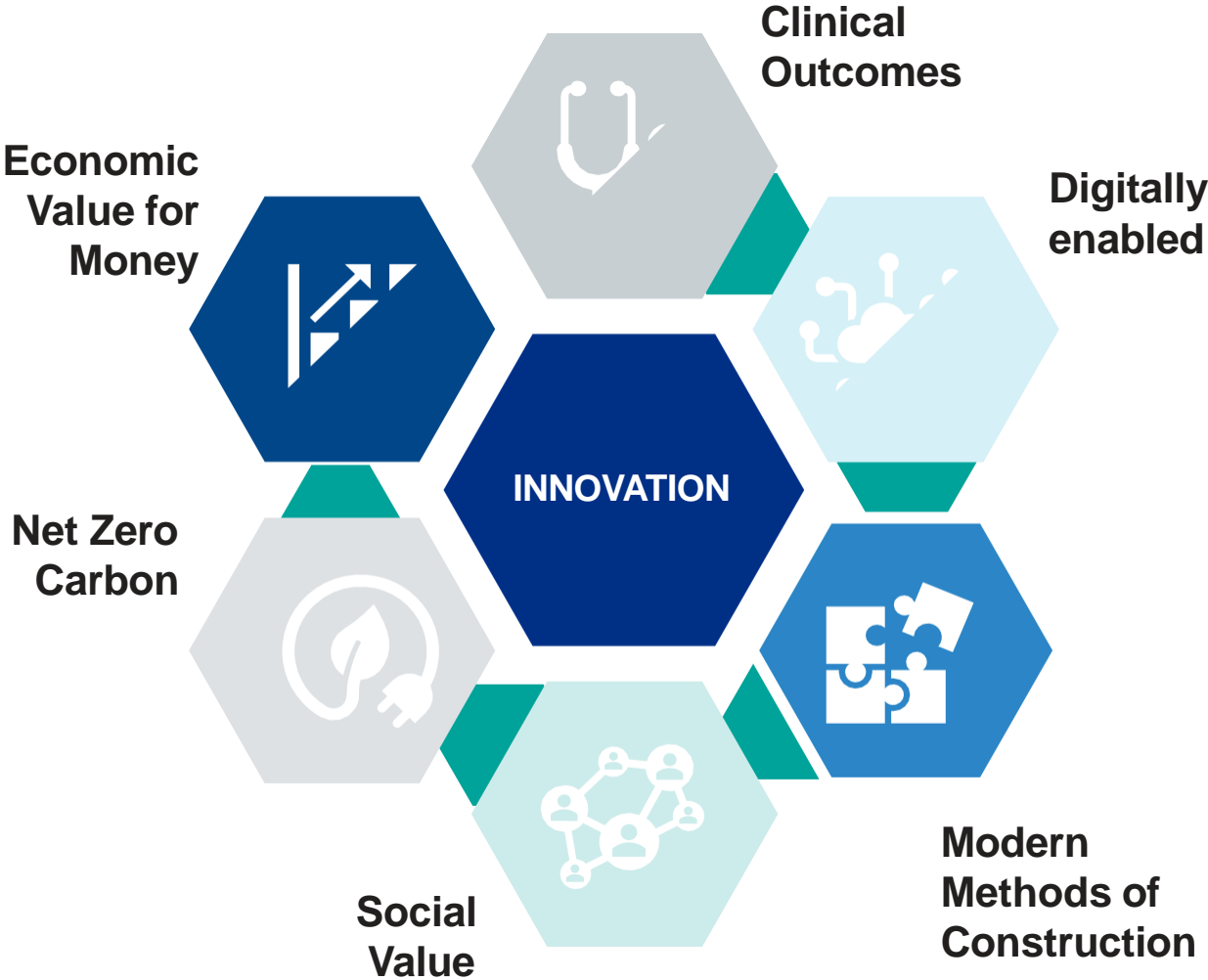
NIGHTINGALES



St Pancras Train Station:
Collaboration at its finest delivering at pace



Driving Innovation and Building On Best Practice



P23 MMC ASSESSMENT TOOL

NHS

England

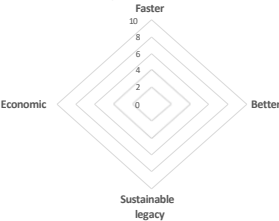
Trust/Client:	Trust	Stage:	OBC
Project:	Project name	Date:	01/10/2022
PSCP:	PSCP	Version:	Toolkit V.2.3 _ Rev. 0

Executive Summary

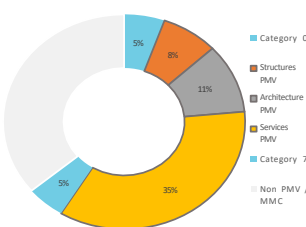
The NHS / UK government considers that design must develop in 'preference to the use of MMC'. The below describes the overall percentages of Category 0 (design and standardisation), PMV (amount of offsite construction) and Category 7 (delivery and commissioning).
NOTE that the values will present a 'red, amber, green' categorisation based on the benchmark values. A summary statement of the approach must be presented to support the value presented against the benchmark.

The project is mainly	Primary Care, New Build	with 0% of the Gross Floor Area being refurbishment
Project Description Description of project goes here!		
Category 0 <small>Estimated Category 0 quantifies the design and standardisation approaches that have been / will be implemented within the scheme.</small>	PMV <small>Estimated PMV, Pre-Manufactured-Value, is a measure of offsite construction. It measures the amount of capital to be committed or has been spent on offsite products compared to the gross capital costs.</small>	Category 7 <small>Estimated Category 7 quantifies the delivery and commissioning approaches to be employed to improve onsite practices.</small>
36%	53%	34%
Summary statement Summary statement of intent to be added	Summary statement Summary statement of intent to be added	Summary statement Summary statement of intent to be added
Combined MMC Value		
64%		
<small>The combined MMC score is the PMV value plus factored values for Category 0 and Category 7 works. The values for category 0 and 7 are factored based on the assumed relative contributions to the cost plan (15% and 15% respectively).</small>		

Benefits / Value Scorecard



PMV / MMC Assessment

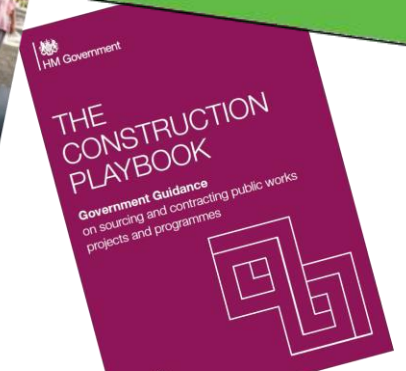
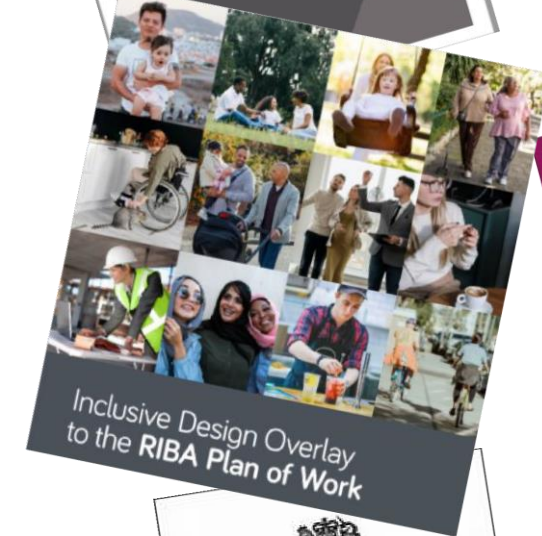


BALANCED APPROACH TO CHALLENGES

Improving clinical outcomes remain the overriding design driver for the NHS

Several Government Drivers:

- **Building Safety Act**
- **Modern Methods Of Construction**
- Delivering Increased **Social Value**
- Achieving **Net Zero**
- **Digitally** Enabled Healthcare Estates
- The **Whole Life** Considerations
- **Inclusive** Design
- **Community** and **Regionally** Centric



BUILD BETTER HEALTHCARE

drivers

Improve Staff,
Patient and
Service User
Experience

Building better
places that
support the
community and
sustainability

Places that
provide the best
environments for
care for the whole
life of the building

outcomes

Building
Standards that
meet the array
of needs of the
NHS

Friendly, safe,
calm, practical,
clean spaces,
flexible

Accessible, fresh,
modern, helping
patients get
better faster

Improved Outcomes
Increased Efficiency
Collaboration
Predictable performance
Value for money
Flexibility & adaptability
Innovation
Smart Hospital
Social Value
Safety increased
Clinical outcomes
Same quality
Speed of delivery

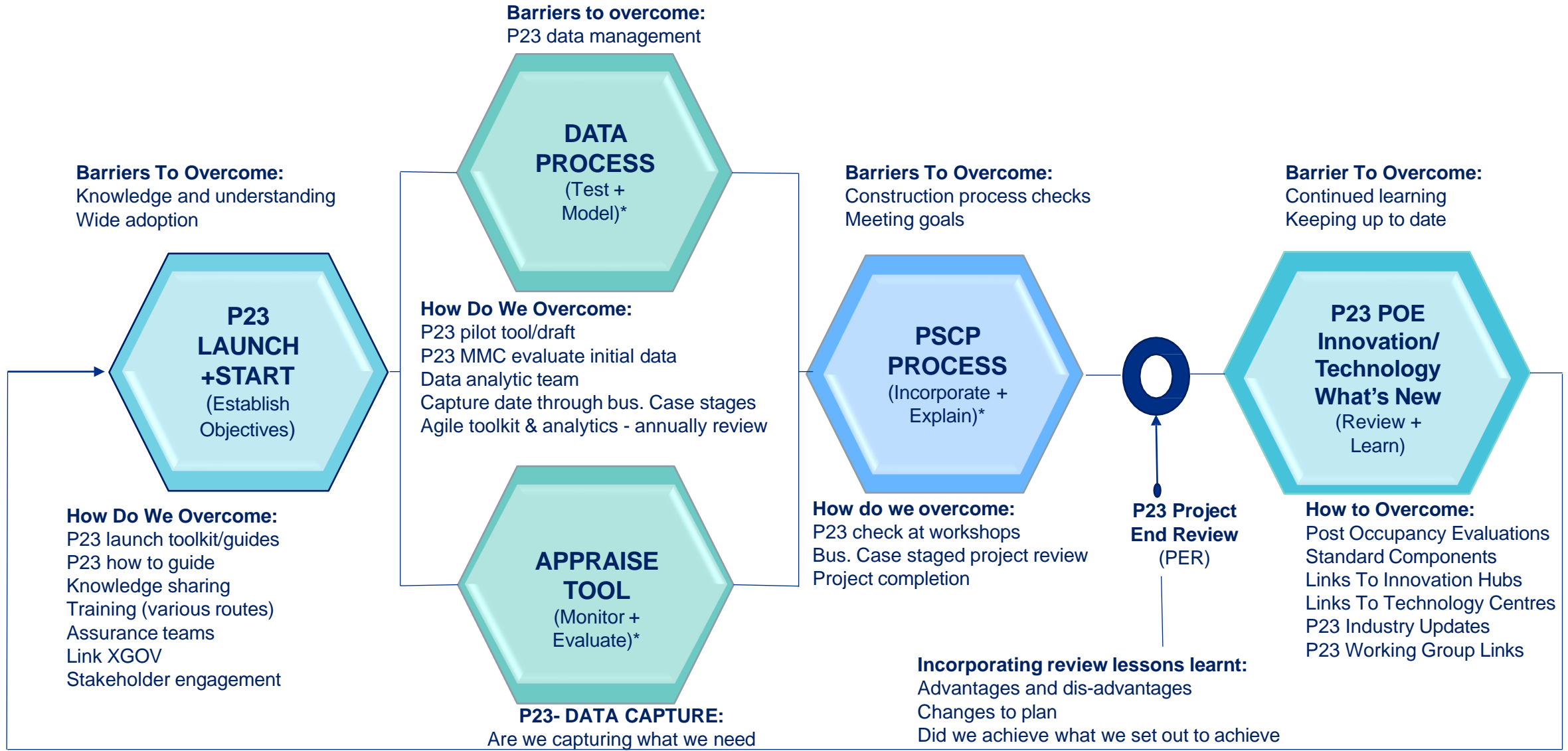
Increase

NHS DRIVERS

Reduced Cost
Reduced Time
Reduced resources
Reduced disruption
Maintenance & life-cycling
Environmental impact/Net
Zero

Reduce

COMMITTED TO CONTINUOUS IMPROVEMENT



FEEDBACK/review and CHALLENGE OURSELVES

SUCCESS

Setting an **example** as a **leading** and **successful** procurement framework and **best practice**

Building on **tried and tested collaboration** and processes

P23 has the **tools & governance** to deliver

Early client and supplier **engagement** recognized benefits

Training programme for PSCPs clients and adviser

Royalty free information save significant time and cost

Wider engagement with government departments to **knowledge share**

