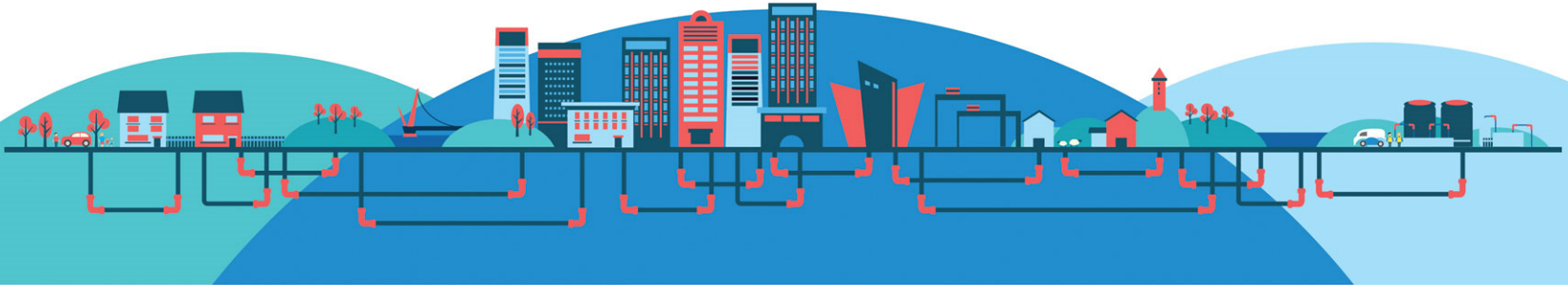


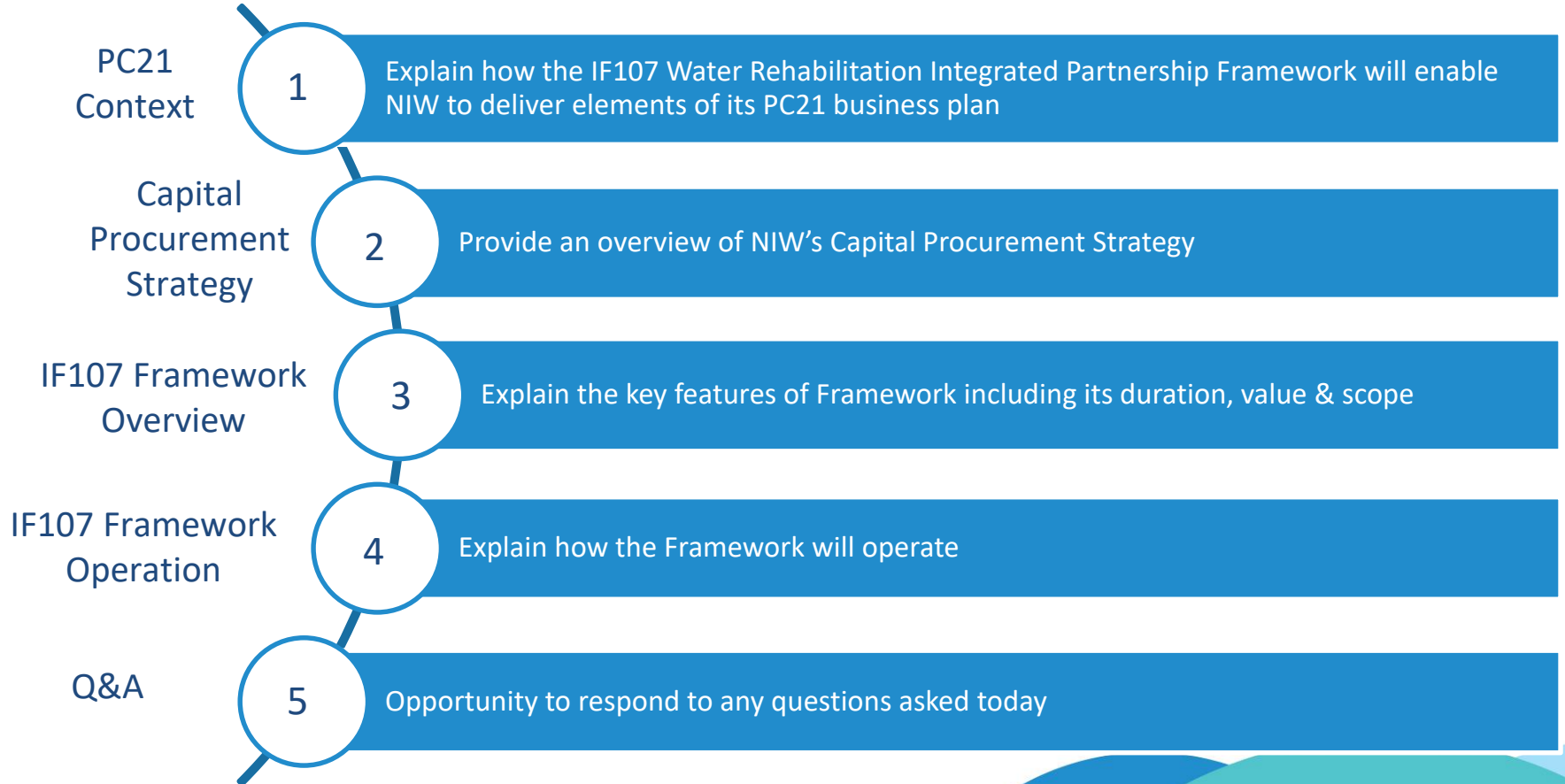
IF107 Water Rehabilitation Integrated Partnership Framework

Supplier Engagement

31st May 2022




Purpose of This Engagement




Panel Presenters

Panel Member	Role
Paul Harper	Director of Asset Delivery
Roisin Connor	Head of Capital Procurement
Ross Calder	Senior Capital Procurement Manager
Maurice Crawford	Senior Capital Project Manager
Alan McConnell	Senior Supply Chain Manager



Agenda


Time	Topic	Panel
16.30 – 16.35	Welcome and overview	Paul Harper
16.35 – 16.45	PC21 Strategy	Paul Harper
16.45 – 16.50	Overview of NI Water Capital Procurement Strategy	Roisin Connor
16.50 – 17.00	Overview of IF107 Framework	Roisin Connor / Ross Calder
17.00 – 17.15	IF107 Framework Scope – Lots 1, 2 & 3	Maurice Crawford
17.15 – 17.20	Use of Integrated Supply Frameworks	Alan McConnell
17.20 – 17.30	Framework Operation	Roisin Connor / Ross Calder
17.30 – 17.45	Q & A	Chaired by Ross Calder



Event Protocols

- 1) We will keep to the 1hr 15mins timeline
- 2) We will address as many questions as possible within the Q&A session of the presentation
- 3) Please use the Slido function to ask any questions. You can access the event by going to:

<https://www.sli.do/> **Event code: #4041735**

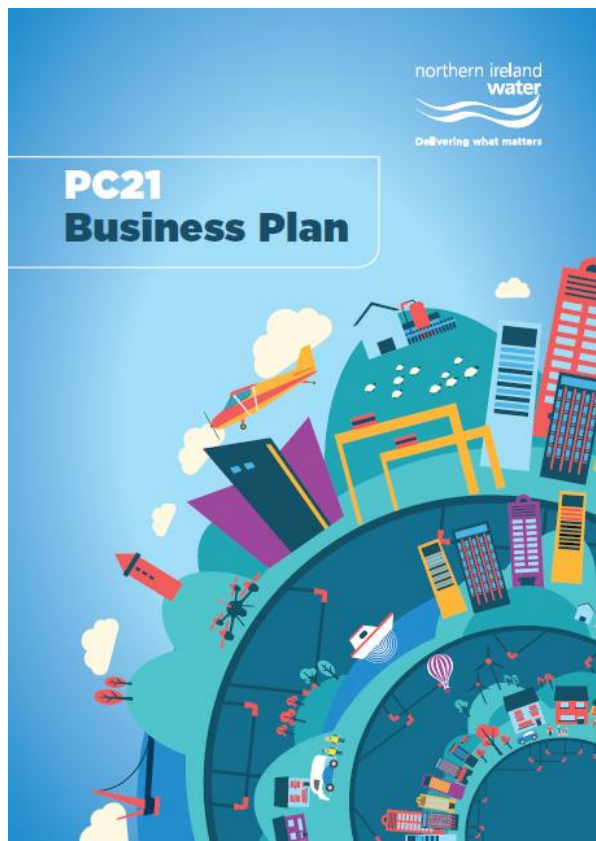
- 4) The questions will be moderated before being passed to the panel
 - 5) Please turn off your cameras and be on mute for the duration of the session
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Welcome and Overview

Paul Harper

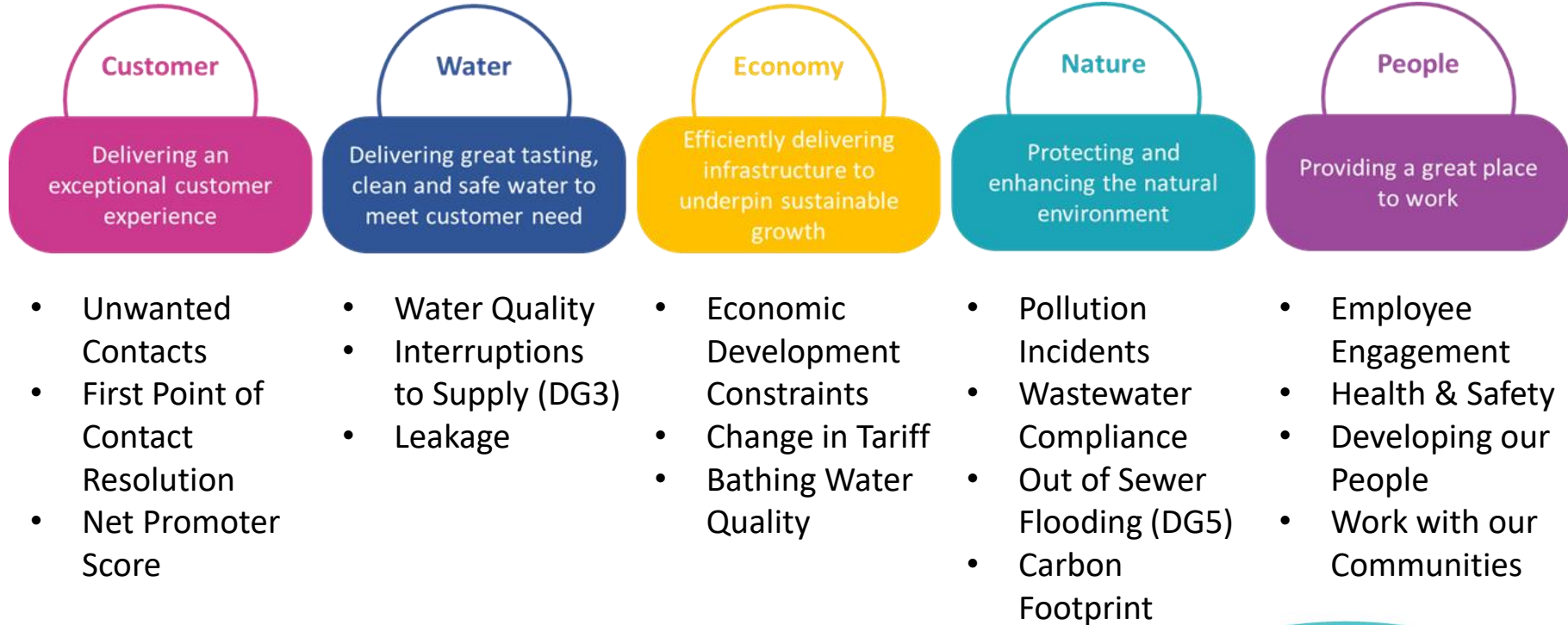


PC21 Plans in Summary



- Covers 6 years from April 2021 to March 2027
- A strong, ambitious plan which continues to improve services for our customers while keeping average bills stable in real terms.
- A step change in capital investment is required to reverse the impact of under-investment in our assets which are impacting the economy and environment.
- We have aspirations to deliver an efficient Capital Plan that benefits NI Water and our Northern Ireland customers as a whole

Our PC21 Business Plan will begin to deliver against:



PC21 Water Provision Nominated Outputs

- 838km of water mains rehabilitation
- 14 trunk main schemes to improve resilience and security of supply
- 22 water treatment works upgrades
- 846 properties removed from low pressure register
- 11,064 lead communication pipe replacements
- Serviceability maintained



Delivering Efficient Capital Investment



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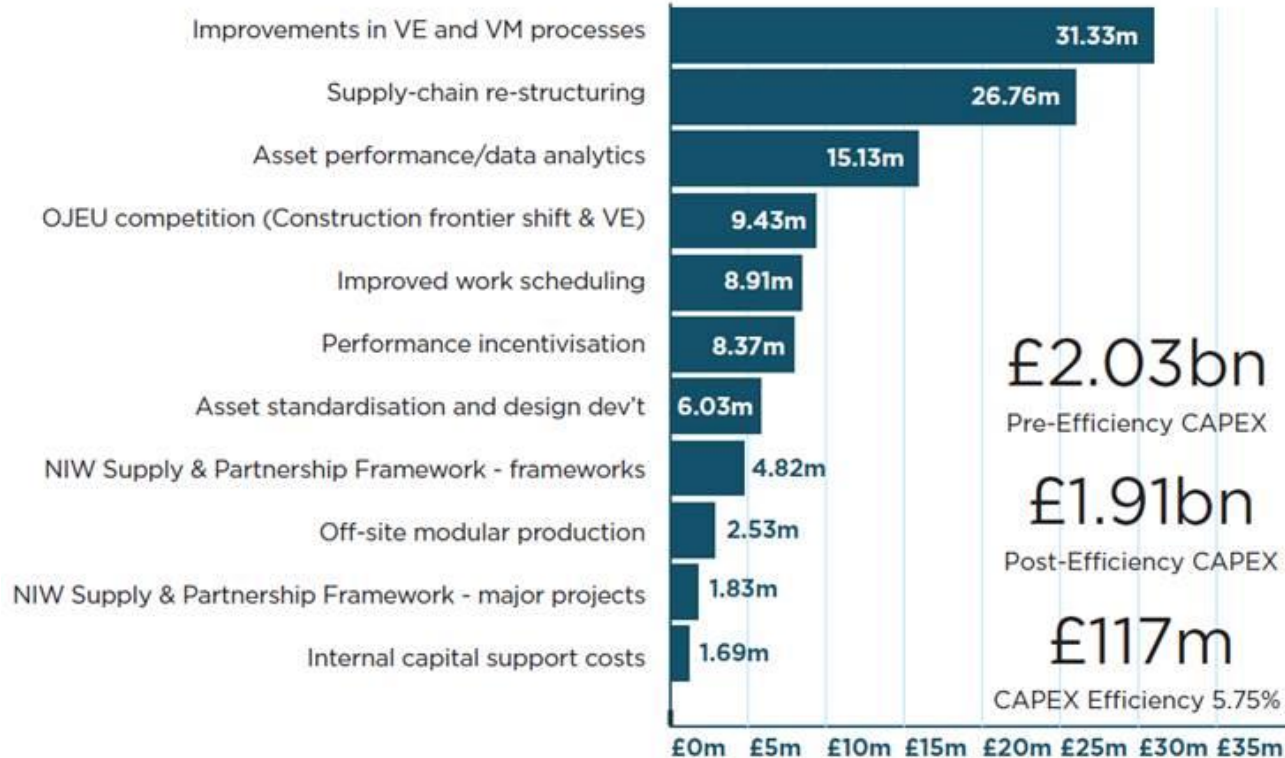
Delivering Efficient Capital Investment

Our PC21 Capital Plan requires £2.03bn of critical capital investment over the 6 year Period

This includes £0.46bn of investment in Living with Water Programme (Phase1) which specifically addresses the backlog of wastewater and environmental needs of the Greater Belfast Lough area.



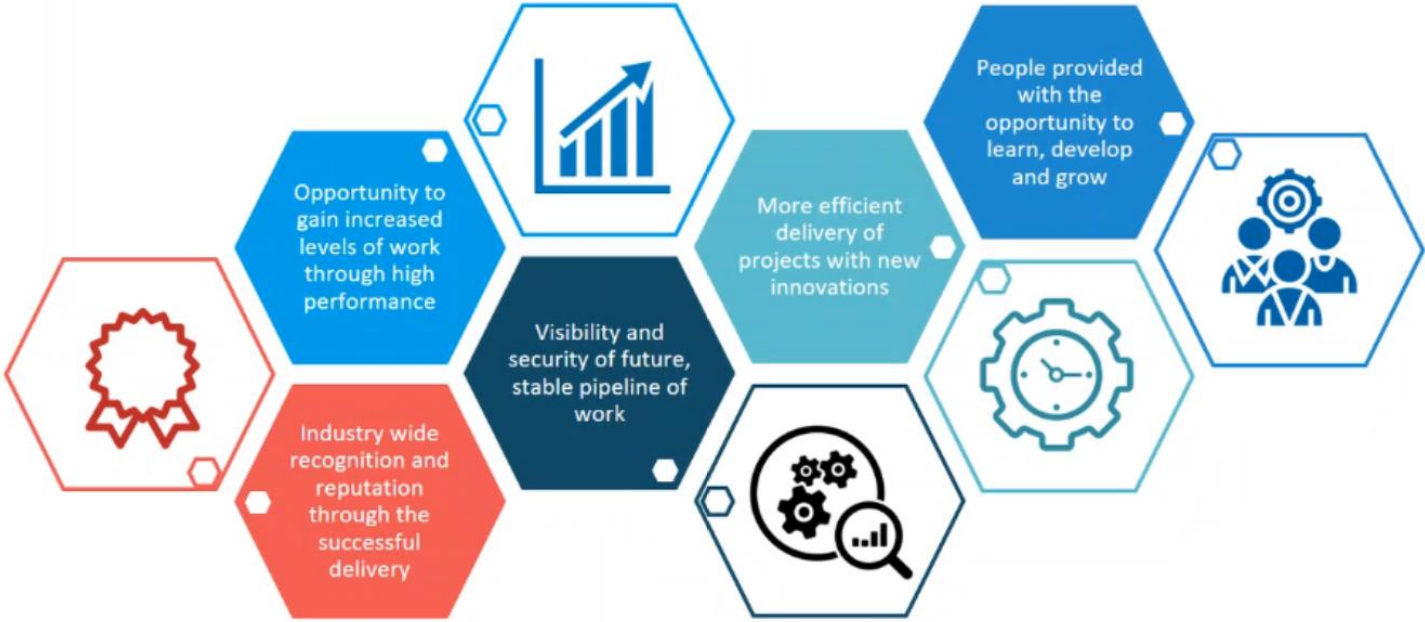
PC21 Capital Efficiency Initiatives




Overview of NI Water Capital Procurement Strategy

Route	Approach	No. of Partners	Risk ownership
Integrated Partnership 1 Small (up to £1m)	IF105 Lots 1&2 - Framework Partnerships (design and construct) mainly lump sum pricing	4 contactors each	Contractor completing all design activities and retaining design risk
Integrated Partnership 2 Medium (up to £10m) High complexity	IF105 Lot 3 Partnering (design & construct) client set target with incentives	6 Contractors	Contractor completing all design activities and retaining design risk
Integrated Partnership 3 Large, high complexity (typically over £10m)	IF106 Major Project Partnering Framework (MPPF) Partnering (design & construct) with client selected teams working under combined target prices	TBA	TBA – Current proposed model based on a risk sharing model
Integrated Partnership 4 Water Mains Rehab	IF101, IF102 & IF103 Partnering (design & construct) client set target with incentives. IF107 to replace the latter.	Lot 1- 2 Contractors Lot 2- 3 Contractors Lot 3- 3 Contractors	Partner undertaking all design and retaining design risk

IF107 Purpose & Objectives



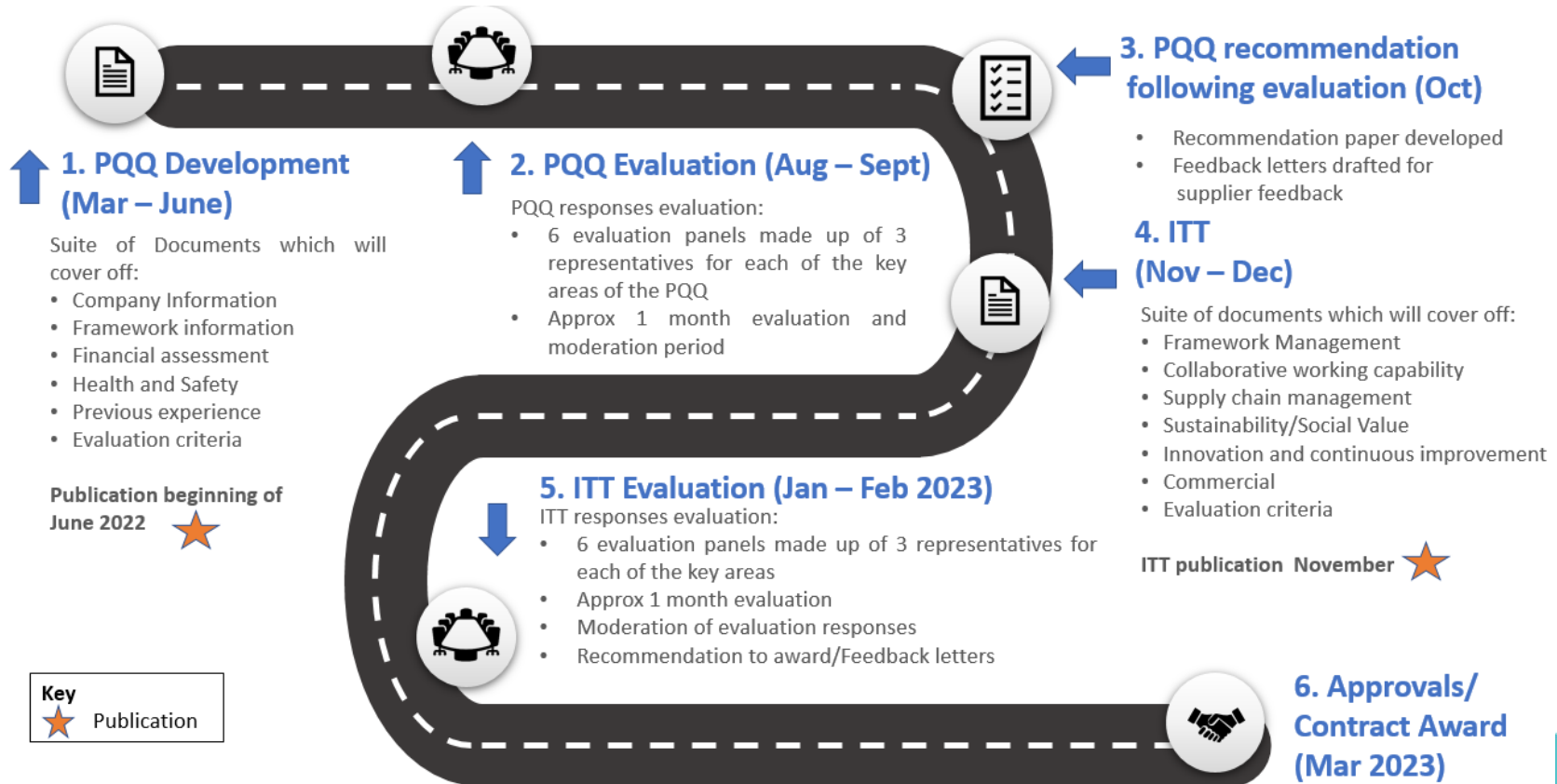
Overview of IF107 Framework

- Find a Tender Service (FTS) advertisement, followed by two stage restricted procurement as PQQ and ITT
 - It is envisaged that this framework will replace 3 current frameworks:
 - IF101 (JI072) PC15 Water Mains Rehabilitation, expires 9th March 2023
 - IF102 (JI073) PC15 Water Mains Minor Works, expires 9th July 2023
 - IF103 (JI078) PC15 Service Reservoir & Trunk Mains, expires 15th November 2026
 - Delivery of major and minor water rehabilitation projects (including service reservoirs) across PC21 & PC27
 - Four year framework, with extension for a further four years on a 2+2 basis
 - Agreed PC21 determination value for these type of projects is in the range of £84m – £270m
- 

Overview of IF107 Framework


- * Appoint a number of contractors to the framework based on 60% quality, 40% cost split
- Proposed framework will consist of 3 Lots based on the NEC4 Framework Contract
- It is intended that the following number of Contractors are appointed to the framework:
 - IF107 Lot 1 Water Mains Rehabilitation - 2 Contractors
 - IF107 Lot 2 Water Mains Minor Works - 3 Contractors
 - IF107 Lot 3 Service Reservoir - 3 Contractors

IF107 Procurement Road Map




Framework Scope – Lots 1, 2 & 3

Lot 1 Water Mains Rehabilitation

- Deliver approximately 1,000km of water distribution mains and associated ancillary mechanical and electrical works over PC21 and PC27
 - Provision of water distribution mains systems improvements and ancillary works which will include enabling, design, construction and commissioning work associated with the following:-
 - Installation and / or upgrading of existing water distribution mains of all diameters up to 600mm nominal bore using various techniques and including connections to the existing system and installation of customer service pipes
 - Miscellaneous works to the water distribution mains system including civil engineering and mechanical and electrical works associated with control valves; pumps; domestic and industrial meter installations; rationalisation of apparatus within service reservoir sites and other NIW sites
 - Decommissioning of sections of existing water distribution mains, valving and control systems, pumping apparatus and associated structures, fittings and assemblies
 - Work orders / time charge orders will generally be between £50,000 and £5,000,000 in value
- 

Framework Scope – Lots 1, 2 & 3

Lot 2 Water Mains Minor Rehabilitation


- Deliver approximately 100km of water distribution mains and associated ancillary mechanical and electrical works over PC21 and PC27
 - The Framework Agreement will include enabling, design, construction and commissioning work associated with the following:-
 - Construction and /or renovation of distribution water mains of all diameters up to 600mm nominal bore using various techniques and including connections to the existing system and installation of customer service pipes
 - Miscellaneous minor works to the distribution water mains system including diversionary works, public realm works, new water mains requisitions and ad hoc emergency works
 - Civil Engineering and Mechanical and Electrical works associated with control valves; pumps; domestic and industrial meter installations; rationalisation of apparatus within service reservoir sites and other NIW sites
 - Decommissioning of short sections of existing distribution, valving and control systems, pumping apparatus and associated structures, fittings and assemblies
 - Replacement of approximately 16,000 Lead communication pipes using various techniques and including connections to existing systems both general public and customer, over PC21 and PC27
 - Work orders / time charge orders will generally be between £50,000 and £1,000,000 in value
- 

Framework Scope – Lots 1, 2 & 3

Lot 3 Service Reservoir Rehabilitation

- Work required to prolong the life of existing water storage facilities, prevent external water ingress to tanks, and prevent leakage from the tank and deterioration of concrete faces in order to provide security of supply and maintain water quality
- Facilitate provision for work including working in confined spaces, working over deep water, working at height and working in proximity to potable water
- Scope of works required includes service reservoir condition assessment surveys including;
 - cleaning of the reservoir including removal of sand/silt/gravel from floor and sump
 - Producing general and site layouts, cell layout and section drawings
 - undertaking visual inspection and producing report including describing the condition of and showing typical photos of walls, floor, pipework, baffle curtain, ladders, metal work etc
- Service reservoir construction works including;
 - various concrete works including patch repairs to all surfaces inclusive of localised reinforcement repair
 - joint sealing to construction and expansion joints to internal faces of floor slabs and walls
 - replacement of Baffle curtains complete with new stainless steel fittings with DWI approved materials
- Work orders / time charge orders will generally be between £50,000 and £1,000,000 in value

Use of NI Water's Integrated Supply Frameworks

- **Must** use frameworks where available – this must be written into capital works frameworks and work package contracts;
 - Early engagement with approved framework suppliers / OEMs;
 - Investigating options with framework suppliers;
 - Inviting multiple quotations, giving suppliers opportunity to compete;
 - Contracting with framework suppliers under framework terms;
 - Formal requests to IP for Waiver (where framework insufficient);
 - Consult IP via Project Managers – re framework issues; and
 - Provide timely feedback – positive and negative
- 

Integrated Supply Frameworks

Existing Frameworks	Estimated Spend (£m over 6 yrs)
IF004 Framework for Pumps	19.00
IF007 Framework for Sludge Management Equipment	4.00
IF013 Framework for Compressor/Blowers	3.00
IF014A Framework for RBC's	6.00
IF016 Framework for Screens	9.00
IF017 Framework for Actuators	4.00
Total (6 Yrs)	45.00

Final expiry Apr 24

Final expiry Oct 23

In Progress Frameworks	Estimated Spend (£m over 6 yrs)
IF009 ICA Framework	16.71
IF012 Valves Framework	2.33
IF015 Generators Framework	1.50
IF021 MBR Framework	1.30
Total (6 Yrs)	21.84

Business Cases approved by AD

Priority 1 for Asset Delivery	Estimated Spend (£m over 6 yrs)
Kiosks	2.67
Disinfection Systems	3.70
Odour Control Equipment	4.15
Total (6 Yrs)	10.52

Agreed by AD in Oct-21

Priority 2 for Asset Delivery	Estimated Spend (£m over 6 yrs)
Batteries	???
Solar Equipment	???
Total (6 Yrs)	0.00


Agreed by AD in Oct-21 – need to further define

Under Consideration Frameworks	Estimated Spend (£m over 6 yrs)
Meters	8.00
Aerators	2.49
Pipes & Fittings	84.23
Access Covers	0.37
Chemical Dosing	0.89
Security Hardening	1.96
Precast Concrete Products	14.28
Structural Steelwork	0.00
Scaper Bridges	2.05
Total (6 Yrs)	114.27



Framework Operation

Anticipated Allocation Methodologies for awarding individual time charge and work orders under the Framework:-

- (a) **“Direct MEAT award”**: direct award based on the ranking of Economic Operators on the Framework and the most economically advantageous tenders (MEAT) during years one (1) and two (2) of the Framework, with accumulated performance KPI scores incorporated into the tender MEAT score for use in later years;
 - (b) **“Mini-competition”**: inviting eligible Economic Operators on the Framework to mini-tender; or
 - (c) **“Special circumstances”**: direct award in circumstances where one Economic Operator is clearly best placed to deliver the work required based on reasons of capability, capacity, availability, value and/or the location of the required works.
- 

Framework Operation – PPN Compliance

- A number of new Procurement Policy Notes (PPNs) have been recently released by Construction & Procurement Directorate:
 - Procurement Policy Note - 01/21 Scoring Social Value
 - Procurement Policy Note - 03/21 Supply Chain Resilience
 - Procurement Policy Note - 05/21 Human Rights in Public Procurement
- We require the support of our suppliers to ensure compliance and also to enable NI Water to fulfil its reporting obligations



Framework Operation – Social Value

- Mandatory to allocate 10% of the award criteria to Social Value in contracts where the Public Contract Regulations apply, from 1st June 2022
- Policy will be reviewed ahead of 2023 with a view to increasing to 20%
- Social value will be scored based on the following themes:
 - Increasing secure employment and skills
 - Building ethical and resilient supply chains
 - Delivering zero carbon
 - Promoting wellbeing
- Each of the themes have a set of indicators and have been aligned to the draft Programme for Government outcomes.
- Further details on how Contractors will deliver social value will be detailed at ITT stage



Q & A



northern ireland
water



Delivering what matters

