

Addressing infrastructural and operational deficiencies in Urban Waste Water

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17th June



Uisce Éireann Assets



WATER & WASTEWATER NETWORK OVERVIEW

Customers



Domestic
1.70M



Non-Domestic
175K

Treatment Plants



Water
701 (-2)



Wastewater
1,076 (+1)

Pumping Stations



Water
1,815 (+7)



Wastewater
2,351 (+23)

Water Source



Abstractions
1,110 (+5)



Reservoirs
1,362 (+4)

Litres of Treated Water per Day



Water
1.7 bn



Wastewater
1.26 bn

Length of Network (Km)



Water
66K

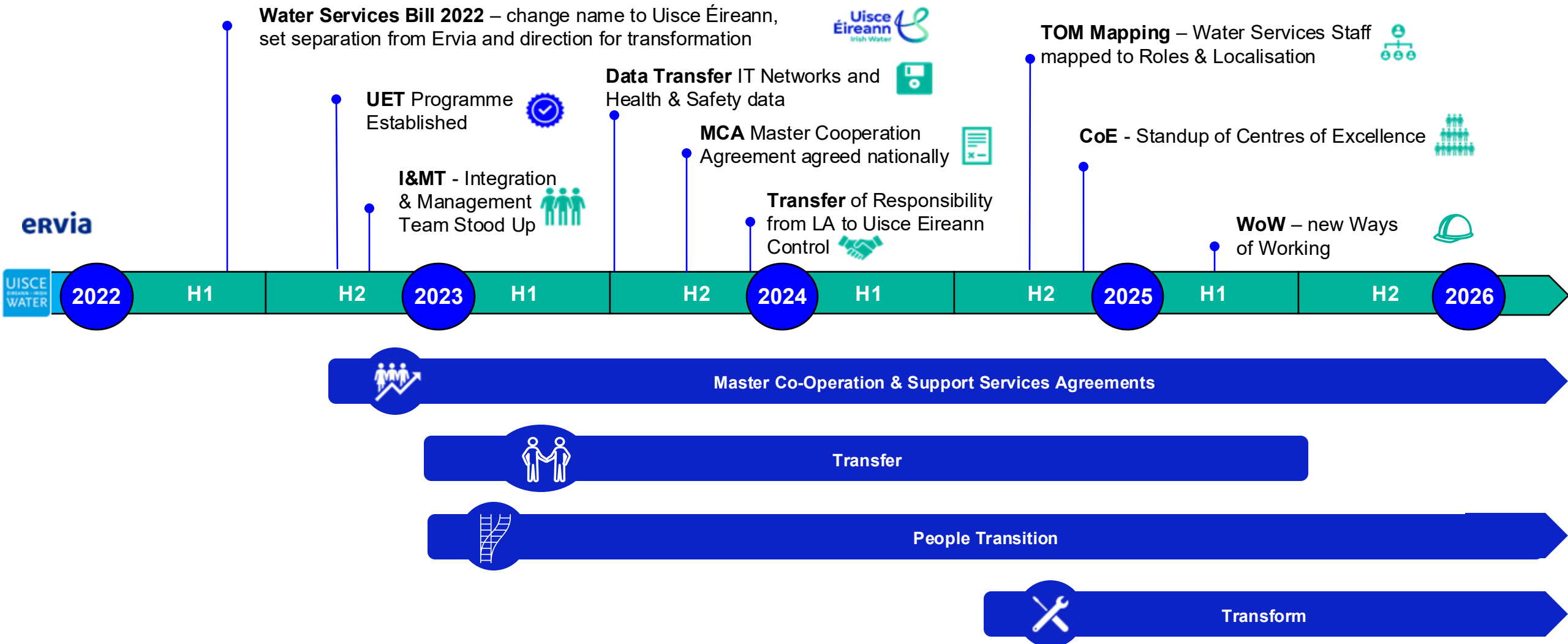


Sewer
26K

All figures correct at the end of 31/03/2026 (next update due in Q3 2026)

Uisce Éireann

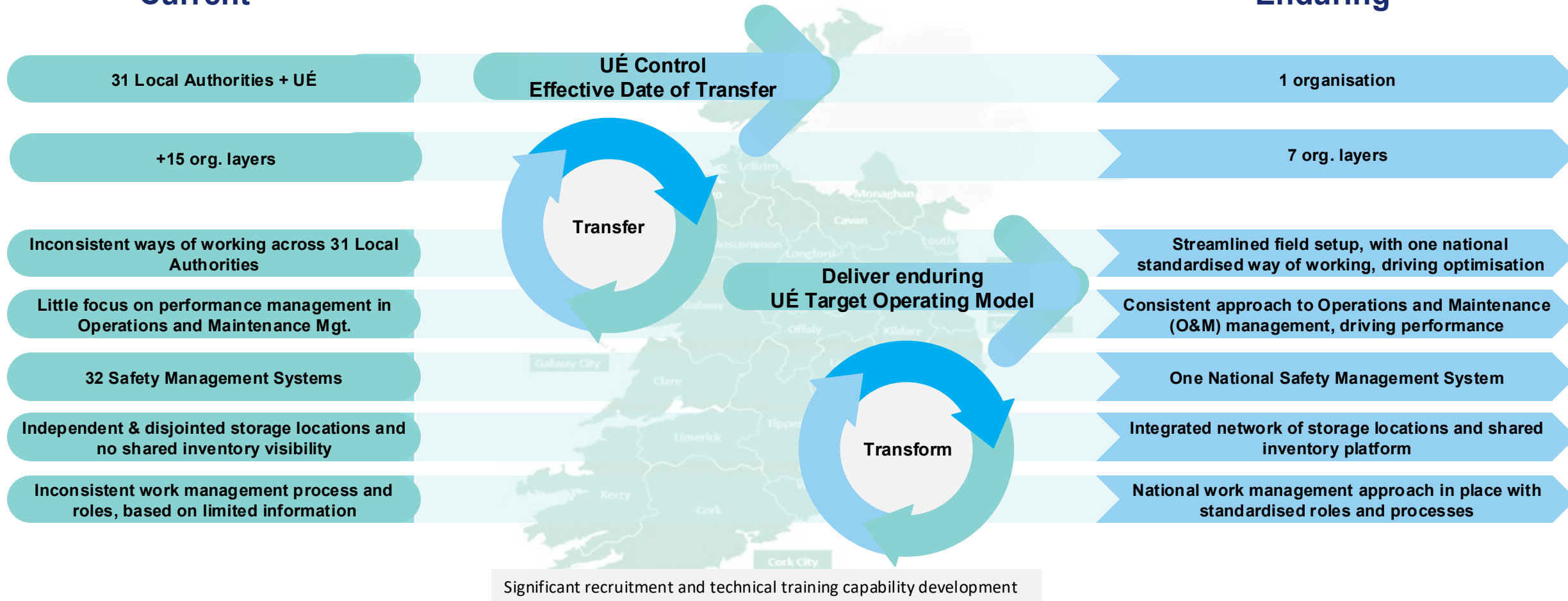
UÉT : The Path to the Future Organisation



UÉT Programme Objectives

Current

Enduring



Transfer - the delivery of secure, safe and sustainable water services for communities across Ireland with a focus on seamless transition.

Transform - Integrating public water services will deliver the ambition of consistent standards of high quality drinking water across Ireland, while driving efficiencies in overall cost. It will also allow UÉ to invest in people, process and technology to drive the critical Capital Investment Programme

Advancing forward while addressing historic underinvestment

- Since 2014 new wastewater infrastructure was delivered to 135 towns and villages
- Over 89% of raw sewage discharges across Ireland have been eliminated
- Since 2015, 194 priority areas on the EPA list have been addressed.
- Addressed 26 EU WWTD ECJ sites. 2 remaining underway

Boherbue WWTP March 2026



Public investment is delivering improved wastewater infrastructure and services for communities across Ireland



**Athlone main drainage scheme
€114m (wastewater)**



**Ringsend Wastewater Treatment
Plant upgrade - €500m (ongoing)**

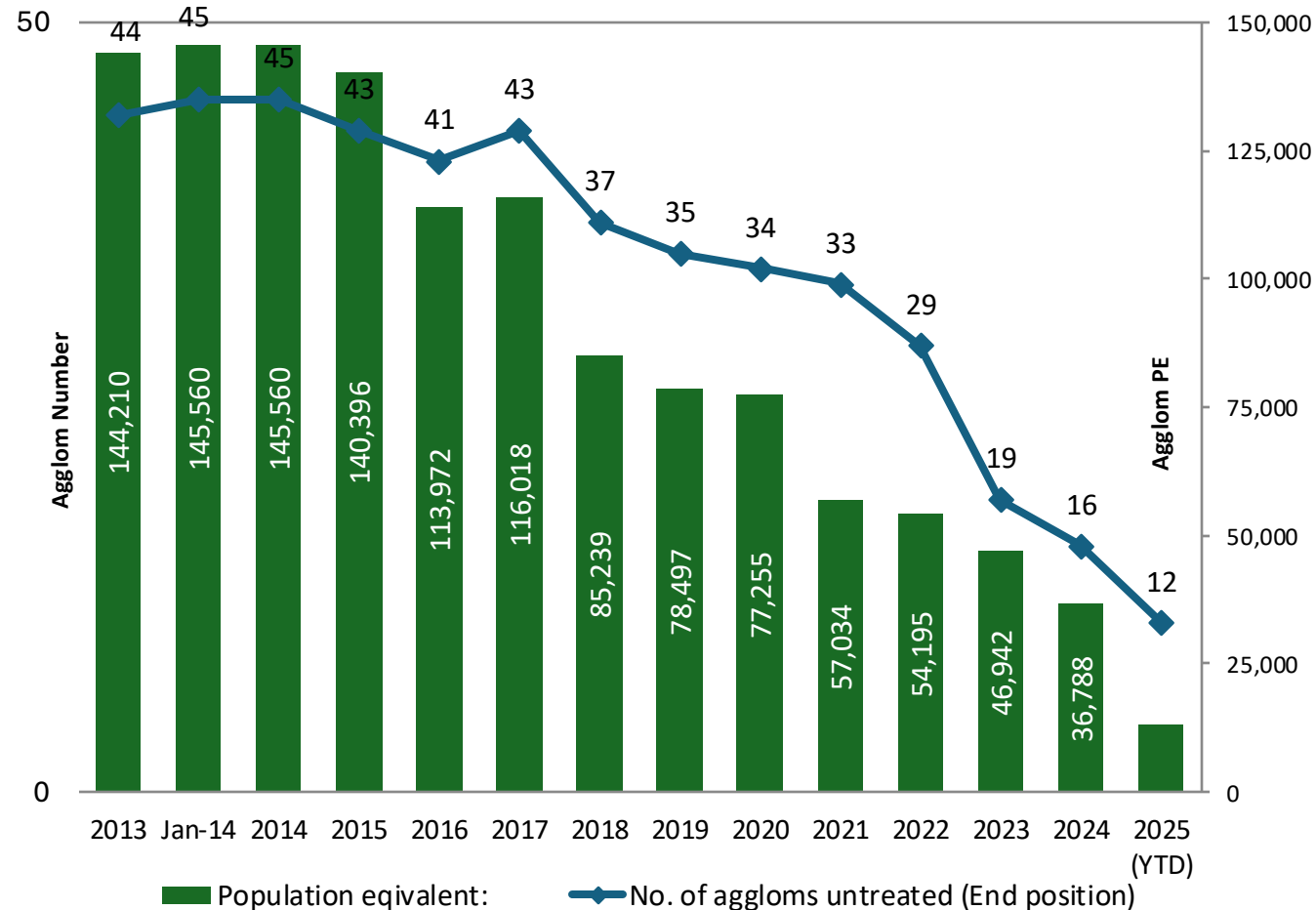


**Arklow Wastewater Treatment Plant
upgrade - €139m (complete)**



**Cork Lower Harbour Main Drainage
Project - €144 million (wastewater)**

Level of discharge of raw sewage is reducing significantly



EPA report recommends a series of actions for Uisce Éireann

Call for Strategic Action - continued investment and prioritisation of EPA priorities to improve compliance, protect the environment and public health.

Priority Action List Focus - address PAL sites to eliminate raw sewage, protect habitats, and resolve EU compliance issues.

Accelerated Assessments - speed up assessments and solutions for PAL sites

Operational Improvements - tackle the need for improved procedures, training, and maintenance strategies are essential to tackle operational and maintenance shortcomings.

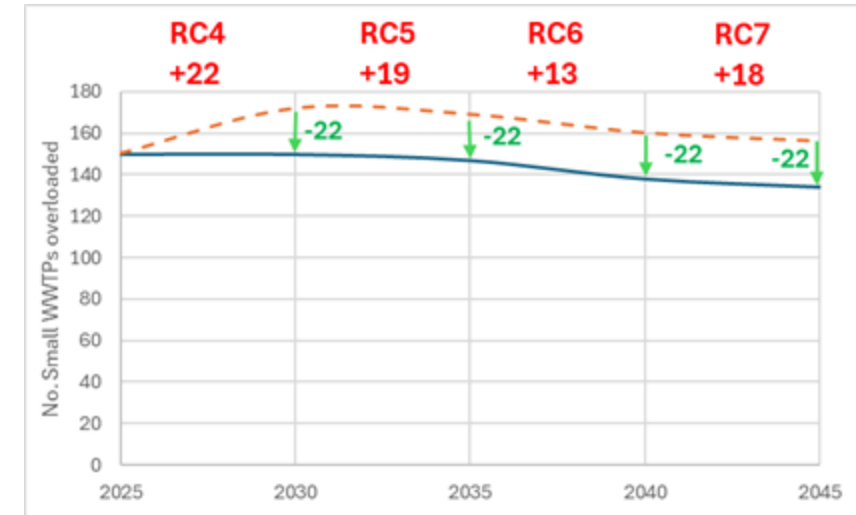


750 WWTPs <1,000 PE (4% National Load)

Current rate of investment will not address overloading issue

WWTP Compliance/ Capacity Upgrade Projects

RC4 (2025 – 2029)		
No. Investments	22	35
Value (%)	(27%)	(73%)
PE provided	10,338	359,636
Cost/ PE	 Small WWTPs are 12-13 times greater per PE than larger plants	



Other WWTP Investments:
+ Capital Maintenance
+ Capital Programmes

Compliance Growth

Resilience Sustainability Environmental



WWDA
Compliance

RBMP
& PAL

UWWTD
Recast

Assets at
end of life

+++

Wastewater Operational Incidents - 2016 – 2025

Focus for Improvements

67% of Operational Issues at WWTPs were linked to plant or equipment breakdown, calibration, or maintenance.



For the past 9 years, there has been little improvement to assets with the highest number of issues due to plant or equipment breakdown due to lack of maintenance. **A key focus is capital maintenance and planned maintenance plans to prevent these operational issues.**

11%. Second highest issue is linked to inadequate operational procedures/training



A key focus is required for ongoing training within Wastewater.

10% Shock Loads to the WWTP, SWO and Blockages on the network issues



Three key projects identified and running for **Wastewater Technical Operations team** in 2025

6 % WWTP Biological sludge issue



Waste Operations team stood up and key focus on Sludge Management.

Project Assure will strengthen Uisce Éireann's wastewater performance and regulatory compliance through seven coordinated pillars.



Asset Condition Assessments will provide visibility of asset health and support long-term maintenance planning.



Operational Oversight will improve monitoring, process control, and risk reduction.

Training & Competency will ensure all operators have the skills required for safe, compliant operations.



Stormwater Overflows will deliver clear categorisation, reporting, and improved oversight.

Sludge Management will establish standardised desludging plans across all WWTPs.



Customer & Compliance will enhance incident reporting, investigations, and audit consistency

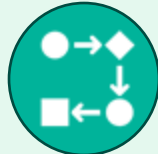
Asset Transition will ensure smooth handover and governance of third-party sites.



Incident Reporting Process



Working Group established to review and improve Incident Reporting Process



Improvements with an easy-to-use form for reporting incidents for the new ways of working



SharePoint Trial Process commenced March 2026



Enduring Solution in Maximo via HHU and daily site checks. UAT and rollout in progress.



Improved reporting process leading to increased reporting, alongside on-site training will improve incident reporting. Updated signage rolled out nationwide



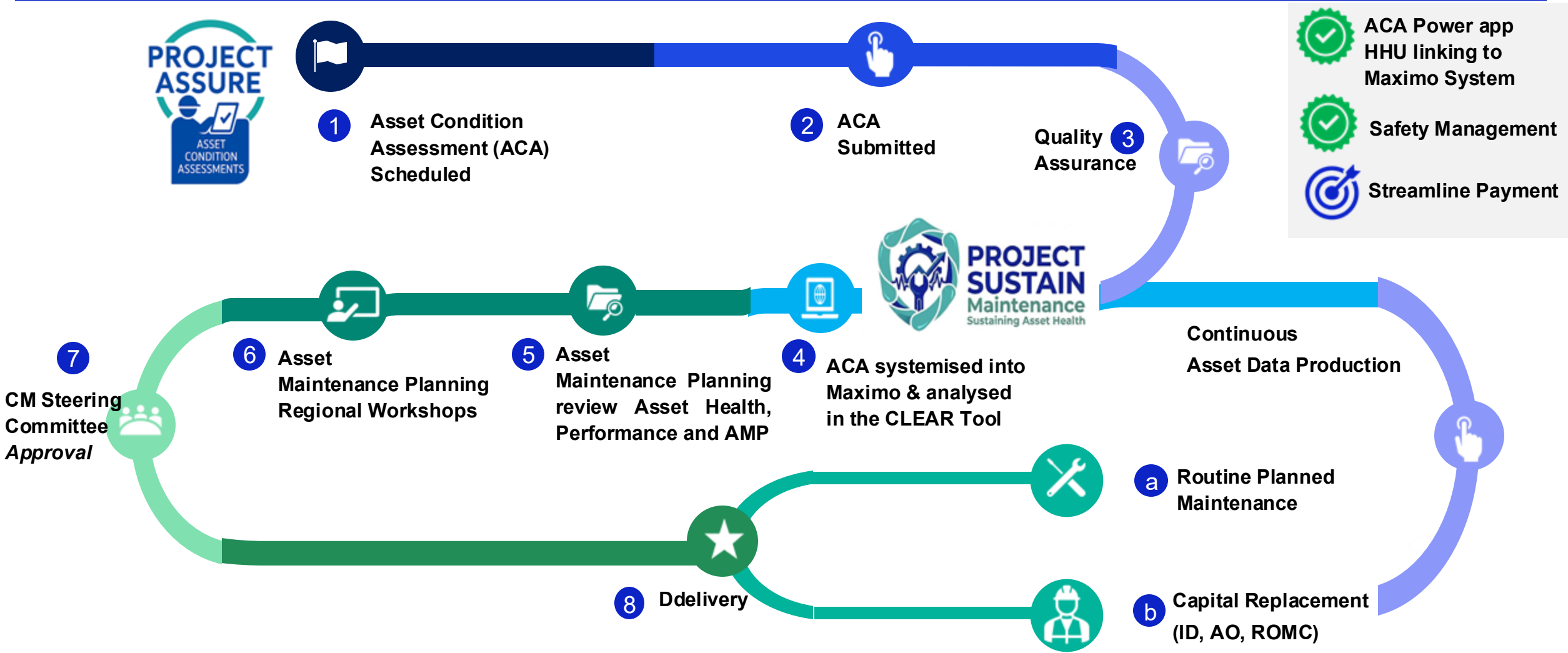
Better incident reporting will allow for timely notification of reported incidents and improved quality of data reported to the EPA and regulatory bodies.

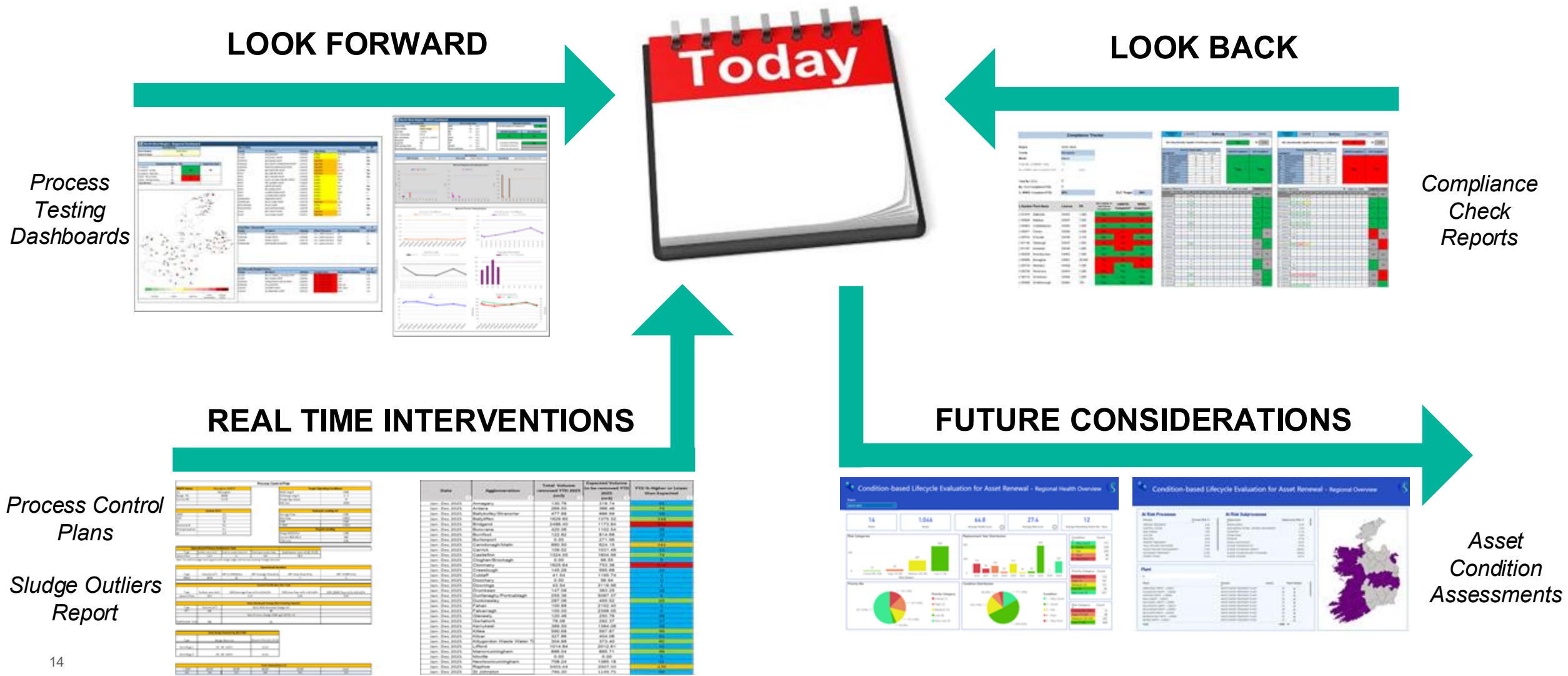


Enhanced reporting of operational incidents will result in a decrease in negative EPA Audit findings

ACA to AMP Roadmap

Assess → Check → Plan → Approve → Deliver





Project Assure Achievements to date



- **ACA App version 2 successfully released in May**
- 64 ACAs' in Progress, 41 completed
- 34 staff trained to complete assessments
- **Asset Management Plans completed for initial ACAs**



- **28 blockage solutions achieved YTD**
- Incident reporting pilot progressing in 3 counties
- **Signage rollout successfully started**
- 56% of critical pumping stations assessed 28/50
- Compliance improved to 68% (Apr 2026) vs 60% 2025



- 444 POHC completed across 333 individual sites in 2026.
- 66% completion rate for operational actions.
- **UV SOP implemented for WWTP sites**
- **69% UV plant reviews complete in 2026 (27/39)**



- **Introduction to Wastewater launched nationwide**
- 11 digital training modules developed
 - Rollout planned for 350 operators
- Role Based Training plans designed (Rollout pending)



- 3 DBO plants transitioned– Dundalk, Drogheda & Boherbue)
- 7 additional transitions planned
- **ACA's ongoing across DBO plants**



- Data reviewed across 793 liquid sites.
- **507 sites desludged YTD including 40 blackwater sites**
- **Desludging plans in development for all WWTPs**
- Inlet review project underway



- **SWO data collated across Maximo** and telemetry systems
- Dashboard developed for reoccurring incident reporting

Wastewater infrastructure underpins social and economic growth

Safe wastewater collection and treatment is vital to environmental protection, public health, and social and economic growth.

As our population and economy grow, so too does the volume of our wastewater.

In this context, Uisce Éireann has made enormous progress in recent years in ending discharges and improving compliance, but more needs to be done.



At Uisce Éireann, **We Work Better Together** is a core value and central to protecting our environment and communities. If you observe any discharge or activity from a wastewater asset that may pose a risk to the environment, please report it immediately to.

Website: <https://www.water.ie>
Call 1800 278 278 or Call NOMC 24/7: 01 8821000

Your vigilance plays a vital role in protecting our waterways and environment.

Thank you for your support

Jim Fitzgerald

17th June

Video Link

