niwater

Delivering what matters

The plan for Northern Ireland's Public Water and Wastewater system

For period 2028 - 2033 and known as the 'PC28 Plan'

Efficiently delivering what our society, economy and environment needs

Water and Wastewater matters to all

We need to act now

Public Infrastructure

Reliable services need continued renewal of assets.

Changing Climate

Building resilience for more extreme weather.

Homes & Growth

Capacity to help enable sustainable development.

Environment

Protecting rivers, loughs and coastal waters - and reducing carbon emissions.

This while ensuring maximum value is delivered from every pound that is available

NI Water has already transformed into an efficient organisation.
Verified by independent econometric benchmarking of GB industry peers.

A large scale challenge going forward

Using established engineering solutions alone, meeting current regulatory standards will require many billions of pounds investment spread over the next generation.

Higher levels of sustained investment in our public system are necessary

Transformation will explore the potential to harness innovative approaches and advanced technology
This to both speed up delivery and see if it is possible to reduce some of the long-term pressure on public finances.

PC28

For society, economy and the environment

£3.3bn

Investment Proposed 2028-2033

Addresses highest priority needs with efficient delivery

FULL FUNDING OF THE PC28 PLAN IS ESSENTIAL

This to kickstart the journey of creating a better future

£1.6bn	£0.7bn	£1bn
49%	21%	30%



£1.6bn

Maintaining and renewing existing water and wastewater infrastructure.

Protect essential services, maintain compliance and reduce the risk of asset failure.



£0.7bn

Strengthening drinking water resilience and quality.

Ensure reliable supplies for customers in the face of growing demand, climate pressures and changing raw water condition.



£1bn

Addressing wasterwater, environmental and growth challenges.

Reducing pollution, supporting environmental improvement and creating capacity to enable housing and economic development.

Total capital investment over five years • inflation adjusted

Available funding will determine the scale and pace of what we can deliver

We will continue to review priorities of the plan with our Department and Regulators

Priorities of the Plan

- Maintaining essential services and meeting legal obligations.
- Building a more resilient and sustainable water and wastewater system
- Support homes and economic growth
- Improve our environment.

Transformation and Innovation in PC28

Our Commitment: *to explore every opportunity to see if it possible to make available investment go further*

This by applying whole system thinking to the largest and most problematic wastewater catchments

The aspiration to unlock more development sooner while significantly reducing spills from storm overflows

Questions to explore



Sensors, Meters & Monitors with AI & Advanced Analytics

Will increasing visibility and understanding of what is happening in the wastewater system day-to-day enable us to better identify root cause issues and target investment?



Removing Unwanted Water

Can we find, remove and then keep out unwanted water that is infiltrating the sewer network, resulting in spills at storm overflows and causing flow issues at treatment works?



Targeted Maintenance and Improvement

Can we make new interventions at treatment works to eliminate issues, boost performance and make optimum use of available capacity?



Working Together

Can we work with others to tackle problems at source? For example, by working with local agencies and developers to manage stormwater, so reducing flooding and pressure on the public sewer network. And work with traders to reduce and further control effluent into the system.

Early analysis signals some opportunity

We will work with our regulators to adopt successful approaches and update the PC28 plan as conclusions reached.

INVESTING TODAY. PROTECTING TOMORROW

PC28

For society, economy and the environment

AN EFFICIENT AND DELIVERABLE PLAN

FOR THE HIGHEST PRIOREST NEEDS OF NORTHERN IRELAND'S PUBLICALLY OWNED SYSTEM

Protecting essential services	Maintaining reliable water and wastewater services, protecting public health and meeting statutory obligations.
Investing where it matters most	Targeting priority infrastructure to improve the environment, support development and strengthen resilience.
A long-term journey	PC28 is an important step in a sustained programme of investment that will extend beyond 2033.
Transforming how we deliver	Developing the use of innovation, technology and new approaches to get more from existing assets and deliver more of the outcomes needed.
Making the best use of available funding	Working together with government, regulators and partners to target resources where they can deliver the greatest benefit.
Managing Public money responsibly	Ensuring public money is managed efficiently, effectively and for the purposes intended.

PUBLIC HEALTH. ENVIRONMENT. ECONOMIC GROWTH. RESILIENCE.

Find out more

niwater.com/PC28

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