

NI Water People



Engineers



Geographic Information System Specialist



Scientists



Environmental



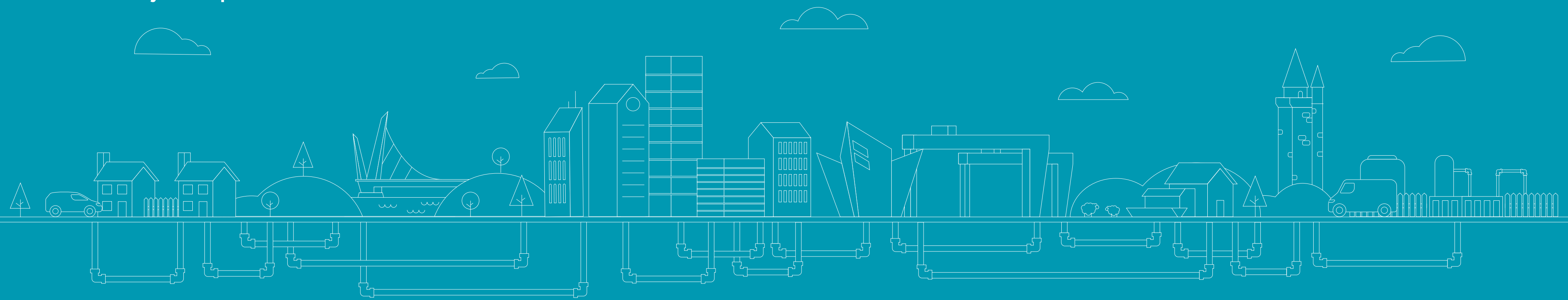
Communications and Education



Operations and maintenance



Networks



Engineers

An engineer is a person who designs and builds machines, systems or structures to deliver a service or help solve a specific problem.



Engineers

There are different types of engineers who work for NI Water.



Civil Engineers

Design and construct structures such as reservoirs, pipelines, pumping stations and treatment works.



Electrical Engineers

Design, construct and work on equipment in our pumping stations and treatment works that have electricity as a power source.



Mechanical Engineers

Design and work on things that move like tools, engines and machines.

Geographic Information System Specialist



Geographic Information System Specialist

Geographic Information System (GIS) is a computer system that displays information about a particular area on the Earth's surface.

Geographic Information System Specialist

NI Water use GIS to gather information about an area such as the water and sewer network, population, and any NI Water assets such as reservoirs, treatment works, pumping stations. This information can be used to plan for any work needed to be carried out or decide if anything new is needed for an area.



Scientists

NI Water has its own science laboratories and over 100 scientists who work hard to keep our water and environment safe.



Scientists



Clean Water Scientist

Over 120,000 samples of our water are lifted at reservoirs, treatment works and homes and brought to NI Water laboratories where it is tested to ensure it is clean and safe to drink.

Microbiologists

We study the tiniest living organisms we call microbes. Some of these microbes can cause sickness in people and our microbiologists work hard to make sure these microbes stay out of our tap water.

Wastewater Scientist

They test waste from factories before it goes into our waste water treatment works and test our wastewater to make sure it is cleaned properly and safe to return to the watercycle.

Operational Scientists

Scientists use our test results to look after our water and waste water treatment works and to show people how lovely our tap water is.

Environmental

Everyone who works for NI Water has a responsibility to look after the environment and many workers have special jobs to make sure that all the work undertaken by NI Water doesn't harm the environment.



Environmental



Wildlife and plants, as well as people, really benefit from the work that these scientists do.



Did you know we have a huge solar farm on the shores of Lough Neagh which creates green energy to clean the water!

SCAMP* Scientists

*(Sustainable Catchment Area Management Practice)

These scientists work with environmental champions to find nature based ways of treating water and protecting lots of land which water flows over and through, before it gets to our water treatment works.

Energy experts

It takes a lot of energy to clean and pump water and NI Water's energy experts work hard to find more renewable ways to generate the electricity we use.

Communications and Education

It is very important for NI Water to communicate with their customers and for customers to be able to get in contact with us if needed. NI Water is a 24/7 organisation, so communications is 24/7 too! We communicate through social media, our website, email and phone.



Communications and Education



Customer Service Team

They are available 24/7 to help with any queries our customers have about their water or wastewater.



Communications Experts

This team look after our website, work with local media and provide important information to our customers about how they can help us save water and remind them what not to flush down the toilet!



The NI Water Education Team

They visit schools and groups to teach them about the watercycle, how our water and wastewater is cleaned and the simple things we can all do to look after our water.

Operations and Maintenance



Operations and Maintenance



Did you know NI Water clean over **605 million litres** of water every day! This is enough water to fill 242 Olympic swimming pools every day of the year!



Did you know NI Water clean over **373 million litres** of wastewater every day!

Water Treatment Works

This is where we filter all the dirt and bacteria out of the water. The Operators look after and maintain everything at the water treatment works to make sure our water is clean and safe to drink before being put into the pipes to our homes.

Wastewater Treatment Works

Operators look after and maintain everything at the wastewater treatment works to make sure our sewer water is cleaned and safe to be returned to our rivers and oceans.

Networks



Networks

Water Networks

NI Water look after over **27,000km** of water pipes. 27,000km would reach more than half way around the world!



Water Technicians

Water Technicians make sure the water flows safely through the pipes and into our taps. They will carry out checks to ensure the pressure and quality at your house is up to standard.

Leakage Technicians

These experts use special equipment to find leaks in the pipes, and a team of maintenance workers fix any burst pipes as quickly as they can.

Wastewater Technicians

They make sure the wastewater makes its way to the wastewater treatment works to be cleaned without causing any flooding or pollution. They use special equipment to check for blockages in the sewers and clear these to ensure our homes and businesses don't flood with sewage.

Wastewater Networks

NI Water look after over **16,000km** of sewer pipes



Remember the 3ps - only **pee, poo and toilet paper** should be flushed!

NI Water also have a large team of Accountants, Lawyers, IT experts and Human Resources who co-ordinate and support all the work we do. Without everyone working together we wouldn't be able to clean our water and wastewater and help look after our wonderful Water Cycle!

