Water Leakage – Find it, Measure it, Stop it!

The challenge

The illegal abstraction of water causes significant issues for water companies. The sustainable management of water resources is imperative to maintaining a healthy network. Unattributed water consumption is currently measured as leakage and has a regulatory financial impact.
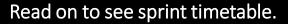
The outcome

Use advanced data analytics to understand how water is being abstracted from the Northumbrian Water network. This will improve governance over water quality, sediment, pipe condition and valve management, helping to avoid transients and bursts.

Join us

If you're interested in conserving water, and protecting supply, join our team at the Innovation Festival.
Our interactive sprint will use design thinking to solve this challenge and diverse perspectives will be most welcome.

Read on to see sprint timetable.

In collaboration with

NORTHUMBRIAN WATER *living water*

Sprint timetable

Date	Topic	Description
Monday 8 July	Introduction & Icebreaker	The sprint will start with an overview of the challenge then, through several exercises and discussions, we'll explore the issues and factors associated with the challenge.
Tuesday 9 July	Ideation	Getting creative we will use expert insights and idea generation methods to explore the challenge. This includes group ideation and discussions around all aspects of the challenge, followed by grouping of similar ideas before producing a shortlist of ideas prioritised.
Wednesday 10 July	Refine	During the refine phase, we'll take the shortlist of ideas using a "Dragon's Den" challenge to agree the final list of ideas to take forward and present to the wider festival group.
Thursday 11 July	Presentation	This day is all about fleshing out the final prioritisesd list of recommendations and building a compelling presentation to put forward and win one of the Festivals prizes to make a real difference to the water industry.

Read on for more information about the Innovation Festival and CKDelta.

NORTHUMBRIAN WATER'S
INNOVATION FESTIVAL
2024

REGISTRATION IS NOW OPEN!

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Who we are

About the Innovation Festival

The Innovation Festival mixes innovation techniques like design thinking and data hacks with a British Summer Festival. The festival has become an idea generation engine, but it is much more than that. Northumbrian Water use it to rapidly progress ideas spanning organisational boundaries: a "years' worth of work in a week". It is great for networking because so many people join from so many organisations - the biggest compliment received each year is that it's the most fun working week in the calendar! 2024 will be the eighth annual Innovation Festival, bringing together a wonderful community of innovators and talent from all different sectors, backgrounds and locations - across the globe - online and in person.

About CKDelta

CKDelta is an AI software business within the CK Hutchison Holdings Ltd group, leveraging data, expertise and intellectual property on a conglomerate scale. We're on a mission to empower customers with insights that transform decision-making and deliver impact, leveraging assets from across CK Hutchison group companies. We offer innovative solutions across utilities, retail, financial services, transport and logistics.
All our Intelligent App products are developed in collaboration with Group companies so we can make them widely available with confidence that we're launching tried and tested solutions, solving digital transformation challenges to promote a safe and sustainable future.

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