

WATER SCOTLAND CONFERENCE

2 OCTOBER 2019 | GLASGOW

SCOTLAND'S FLAGSHIP ANNUAL CONFERENCE



EXPERT SPEAKERS INCLUDE



Mark Dickson
Director of capital investment and delivery
Scottish Water



Jon Rathjen
Water industry team leader
Scottish Government



Terry A'Hearn
Chief executive
SEPA



Elise Cartmell
Chief scientist
Scottish Water



Milo Fiasconara
Secretariat
Aqua Publica Europea



David Satti
Assistant director
Water Industry Commission
for Scotland



Rachel Helliwell
CREW manager
The James Hutton Institute

CHAIR

The only event that brings together the whole sector to share leading case studies and strategic expertise specific to Scotland

NOWHERE ELSE CAN YOU:

HEAR priorities for SR21-27 from Scottish Water, Scottish Government, SEPA and WICS

FIND out how Scotland intends to tackle climate change, carbon reduction and the circular economy

LEARN about emerging trends in water utilities across Europe and Scotland's plans to follow suit

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WWT WATER SCOTLAND CONFERENCE

With SR21 fast approaching, the Scottish water sector must outline its priorities and ensure sustainable growth plans that protect customers and the environment for the long-term.

Tackling water efficiency, enhancing water quality, increasing network resilience, engaging communities and investing in the right areas are among the many challenges facing the industry. Scotland's water sector must take action to become a world-leader on key global issues such as climate change and carbon reduction to deliver for customers today while building the capability and infrastructure to safeguard Scotland's water and wastewater services for future generations.

The 2019 **WWT Water Scotland Conference & Exhibition** will provide you with the opportunity to hear where Scottish Water will be investing in SR21 and the latest innovations, infrastructure projects and sustainable growth plans for water in Scotland. This is the only event dedicated to the evolving needs of the Scottish water sector and brings together more than 150 key stakeholders to share insights, showcase excellence and drive the industry forward to ensure it becomes a dominant force in water worldwide.

We look forward to meeting you in Glasgow for what promises to be an insightful day of knowledge exchange and networking.



James Brockett
Editor
Water & Wastewater
Treatment (WWT)

Who attends?

This event is for central and local government, tier 1 contractors, and representatives from water companies and utilities who are responsible for:

- Asset management and resilience planning
- Commercial, business development and retail market
- Sustainability, environment, climate change and energy
- Operations, planning, strategy and performance
- Engineering and maintenance
- Regulation and compliance
- Customer service
- Innovation and R&D

Plus all professionals with a stake in the Scottish water sector, including those from:

- Consultancies
- Contractors
- Suppliers
- NGOs
- Charities
- Academia

Agenda (subject to change)

08:45 Registration, networking & innovation showcase

09:20 Introduction from conference chair
Rachel Helliwell, CREW manager,
The James Hutton Institute

PREPARING FOR SR21 & LONG-TERM PRIORITIES FOR THE INDUSTRY

09:30 **Scottish Water's strategic plan heading into SR21**

- Protecting customers and the environment for future generations

Simon Parsons, Director of strategic customer service planning, **Scottish Water**

09:45 **Priorities for SR21-27**

- Opportunities for collaborative working: a government perspective
- Long-term priorities

Jon Rathjen, Water industry team leader,
Scottish Government

10:00 **One Planet Prosperity: an update from SEPA**

- Goals to improve the environment
- Creating health and wellbeing benefits and sustainable economic growth
- Long-term ambitions for Scotland: where do we go next?

Terry A'Hearn, Chief executive, **SEPA**

10:15 **Panel discussion, live poll and questions**
Comparing SR15 and SR21: collaboration opportunities and long-term ambitions

- What investment is needed in the sector to achieve long-term goals?
- How can Scotland better position itself as a global leader?
- Challenges around co-creation

Speakers to be joined by:
David Satti, Assistant director,
Water Industry Commission for Scotland

10:40 Refreshments, networking & innovation showcase

ENABLING INNOVATION IN SCOTLAND: LATEST THINKING & OUTSIDE LEARNINGS

11:10 **Emerging trends across Europe and collaboration opportunities**

- Financial, environmental and social sustainability considerations
- How water operators are widening the scope to include green infrastructure decisions
- An overview of innovation in Europe

Milo Fiasconara, Secretariat, **Aqua Publica Europea**

11:25 **Innovative and cost-effective catchment management solutions from outside of Scotland**

- The Winterton Water Treatment Works story
- Maintaining quality standards to reach long-term goals
- Collaboration opportunities

Kelly Hewson-Fisher, Catchment manager, **Anglian Water**



11:40 Innovating to create our future

- Scottish Water's long and short-term innovation plans
- What is on the horizon?

Elise Cartmell, Chief scientist, [Scottish Water](#)
Nisarg Hirani, General manager – transformation, [Scottish Water](#)

11:55 Hydro Nation Water Innovation Service (HNWIS)

- Accelerating the uptake of innovation in water technologies
- Case studies of previous testing and innovation in Scotland
- Collaboration with Scottish Government, SEPA, Scottish Water and Highlands and Islands Enterprise

Neil Kitching, Energy specialist (water), [Scottish Enterprise](#)

12:10 Live polling, questions & answers

12:30 Fork buffet lunch, networking & innovation showcase

13:30

INNOVATION UPDATE

HYDRO NATION SCHOLARS

This session will provide a unique opportunity to hear from the Hydro Nation Scholars and the current innovative studies that they are undertaking.

Fortune Gomo, PhD student, [University of Dundee](#)
Kirsty Holstead, PhD student, [University of St Andrews](#)

13:50 Introduction to working groups

WORKING GROUP SESSIONS

14:00 *Attendees will have an opportunity to choose an interactive working group to address a specific challenge together. Places are allocated on a first-come, first-served basis and subject to maximum capacities.*

GROUP 1: COMMUNITY ENGAGEMENT

- Why engage with communities? What are the benefits?
- How can community engagement help achieve positive change for utilities in services, carbon reduction and efficient design?
- How far should communities be involved in infrastructure projects and decisions?

Led by:

Gail Walker, Water policy team manager, [Citizens Advice Scotland](#)

Brian Lironi, Director of corporate affairs, [Scottish Water](#)

GROUP 2: RENEWABLE ENERGY & LOW-CARBON TECHNOLOGIES

- Where are the opportunities in renewable energy?
- Which low-carbon technologies can we expect to take a leading role in SR21 and beyond?

Led by:

Donald MacBrayne, Business development manager, [Scottish Water](#)

GROUP 3: COLLABORATION FOR INNOVATION

- How can we better collaborate to bring innovative new technology to market-ready status quicker for the benefit of water users and consumers?
- Collaboration opportunities between industry and academia to bring products and processes to commercial reality
- How can we better partner with international organisations?

Led by:

Richard Allan, Business sector lead: environment, [The James Hutton Institute](#)

15:05 Refreshments networking & innovation showcase

CAPITAL INVESTMENT & DELIVERY

15:35 Observations on investment planning present and future

- An update on the current programme in SR15-21
- What we need to focus on to deliver successful outcomes for the remainder of this period

Mark Dickson, Director of capital investment and delivery, [Scottish Water](#)

15:55 Asset replacement schemes: challenges and opportunities

- What does this mean for investment requirements?
- Understanding the condition and risk profile of assets

David Satti, Assistant director, [Water Industry Commission for Scotland](#)

16:10 Challenges in capital investment in small communities

- Reviewing the challenges in delivering drinking water compliance with a focus on the quality and quantity of investment drivers
- Analysis of how best to meet regulatory requirements at minimal cost
- Research undertaken and future opportunities

Joseph Akunna, Professor in water and environmental engineering, [Abertay University](#)

16:25 Live polling, questions & answers

16:45 Close of the WWT Water Scotland Conference



Water & Wastewater Treatment (WWT) is the only print magazine and website addressing the operational issues in the water industry. For the engineers in water companies and intensive water-using manufacturing, WWT provides the information they need to make water work. Authoritative and concise, WWT covers news analysis and commentary, project case studies, technology innovations and industry research spanning all areas of municipal and industrial water and wastewater treatment. wwtonline.co.uk

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Price per delegate	Booking type	Book before 28 June	Full rate
	Utilities / public sector / non-profit / academic	£329 (save £100)	£429
	Standard	£429 (save £100)	£529

Please note that prices exclude VAT, are per delegate and include all-day access to the event, available conference presentations post event, buffet lunch and refreshments. Fees do not include travel costs or accommodation.

More reasons to book...

What previous delegates have said

'If you need a complete update of the water industry in Scotland, in a day, this is the conference to attend'

Policy analyst,
Scottish Water

'Very well-run event showcasing a lot of the water sector in Scotland. Would recommend to all'

Water specialist,
SEPA

'A good opportunity to understand the direction of travel within Scotland's water industry and to engage with those who are shaping the strategy'

Director,
George Leslie Ltd

'A well organised conference bringing together key stakeholders to understand and debate the key challenges facing the future of water in Scotland and beyond'

Operations director,
Future Water Association

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