

TEC Water Innovation forum

Time	Item	Presenter
10:00 – 10:05	Introductions	All
10:05-10:10	Compliance statement	OS
10:10-10:15	Terms of Reference	OS/All
10:15-10:45	Ofwat Innovation Fund and MOSL Market Improvement Funds	OS/All
10:45-11:30	Workshop session - challenges and opportunities	All
11:30-11:50	Meet the Innovator – Infersens remote legionella and flow monitoring	Colin Payne and Jana Voight from Infersens
11:50-12:00	Close/Agree date of next meeting	OS

Introductions

Compliance Statement

”The Innovation Forum will be conducted under strict Chatham House rules, where attendees presence at an event is credited however comments, which maybe be captured and reproduced outside of the meeting, are not without a specific attendees prior consent.

Comments from any participant at the forum (whether credited or uncredited) will not be used or perceived (either in full or part) as any kind of endorsement of Wave or any third party organisation, innovation or technology presented at or evaluated at the forum without express written permission.

We believe that impartiality is critical to trust and can only be demonstrated through 100% transparency, therefore Wave will aim to only present new innovations and emerging technologies where Wave has no existing commercial agreement or understanding around their provision or use. In rare cases where such agreements may exist the Chair of the Innovation Forum will highlight these prior to their presentation to the forum.

Equally, it is expected that any members of the forum will declare any potential conflicts of interest (such as family, friends or close relations having commercial interest in a potential idea or technology) and accept that it may be deemed appropriate for their participation in the forum to be limited around such ideas or technology”

Terms of Reference



Ofwat Innovation Fund – are there opportunities for TEC members?

Ofwat

Ofwat Innovation Funds

- Through the Fund, Ofwat are delivering a series of innovation competitions that water companies, in partnerships with others, can enter
- Entries must be lead by a Wholesale water company
- Awards from £100k to £10 million available
- Projects must address one of Ofwat's 5 key strategic themes
 - Responding and adapting to climate change
 - Restoring and improving the ecological status of our water environments
 - Understanding long-term operational resilience and infrastructure risks to customers and the environment
 - Testing new ways of conducting core activities to deliver wider public value
 - Exploring the opportunities associated with open data, stimulating innovation and collaboration, for example, encouraging new business models and service offerings that benefit customers, including those in vulnerable circumstances

MOSL Market Improvement Fund (MIF)

- Established to fund and deliver innovative projects that will benefit the non-household market and its customers
- Awards up to £150k
- Bids are not limited to themes - but it is important to show how a project will benefit the market and its customers
- Applicants must submit applications to MOSL but an independent Selection Panel will review and score the bids to decide the winners - subject to ratification by the Panel
- Applications must be sponsored by at least one trading party or MOSL, however, third-parties are encouraged to be part of bids.
- Wave was successful with 3 funding applications during the last round (May 2022)
 - Automated Water Efficiency Audits
 - REDUCED technology portal
 - Meter Condition Assessment Project

Workshop: Challenges and opportunities

- 40 minute open discussion
- What are the biggest challenges/opportunities for improvement around water and waste water management across the Public Sector?
- Some areas for thought:
 - Issues around the Non Household water market?
 - Issues with estates/facilities management?
 - Issues with meeting regulatory/legislative requirements?
- Looking to record these as a part of a living Challenge register that we can use to steer innovators to work on solutions that will really make a difference

Meet the innovator session

- First of a series of brief introductions to a new product/service or innovation

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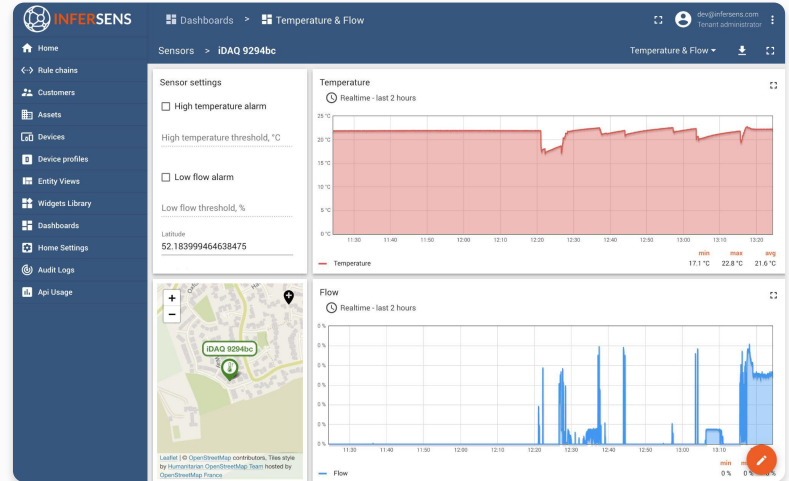
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Close and next meeting

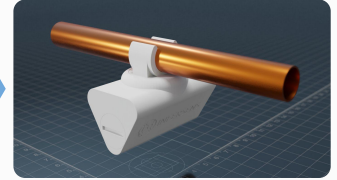
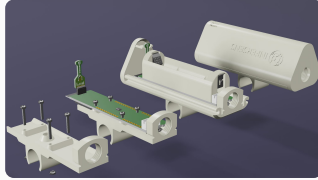
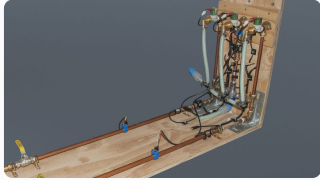
- Any AOB?
- Timescales for next session

An affordable approach to risk monitoring

- ✓ **No capital outlay** for sensor hardware
- ✓ **Sensor data via subscription: £5/ sensor/ month**
 - Three year minimum subscription term
 - Subscription invoiced quarterly in advance or monthly option via credit card
 - Sensors will remain property of InferSens
- ✓ **Sensor data accessible 24/7** via customer-specific InferSens Dashboard site or directly fed into BMS/CAFM
- ✓ **Free 60 day pilot trial** for up to 20 sensors at one site
- ✓ **Free sensor deployment training** during pilot and online



The InferSens Journey



Prototype 2 installed at customer sites
Customer user groups held
Customers engaged in trials
R&D supported by Innovate UK

UK Product launch

2016

2018

2020

2022

Pilot device deployments to pilot customer sites

Next Steps

Free 60 day pilot per customer of up to 20 sensors



Scoping (~30 days)

- :: InferSens site visit to review sensor locations, data format and reporting
- :: No-obligation estimate prepared
- :: Jointly identify initial pilot site
- :: Draw up service agreement for pilot site



Set-Up (up to 30 days)

- :: InferSens will deploy up to 20 sensors
- :: Dashboard will be optimised for customer with alerts



Pilot (60 days)

- :: Sensor data will be provided to customers at no cost for 60 days
- :: Service agreement for additional deployment sites and timelines drawn up for Customer review



Service Commences

- :: Pilot site converting to standard service agreement, unless cancelled
- :: Agreement for additional deployments signed and delivered as agreed



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