

Empowering decisions of tomorrow

Role of wireless sensors to support agricultural water resources monitoring



Matthew Ellison, Kisters UK 11th September 2025



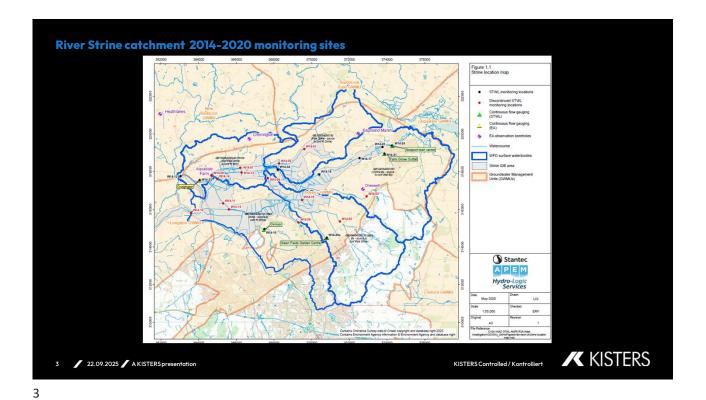


KISTERS Introduction

- · A global software and hardware business specialising in water, weather, energy, environment monitoring data, we focus on our client's needs for data gathering, processing and reporting.
- · Global team made up of 800, engineers, scientists, inventors and developers from more than 30 nations across five continents.
- Focus is delivery of good data and always ensuring a return on investment in instrumentation

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Philosophy

• Monitor flows throughout the catchment
• Listen to local knowledge of catchment dynamics
• Influence of rainfall in the catchment
• Monitor water entering the catchment from the South and East
• Monitor water as it flows North and West.

The plan

Monitor water level and velocity where water leaves the catchment under the A442
• Rain gauges and flow in the catchment
• Select sites where a discharge curve can be created

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