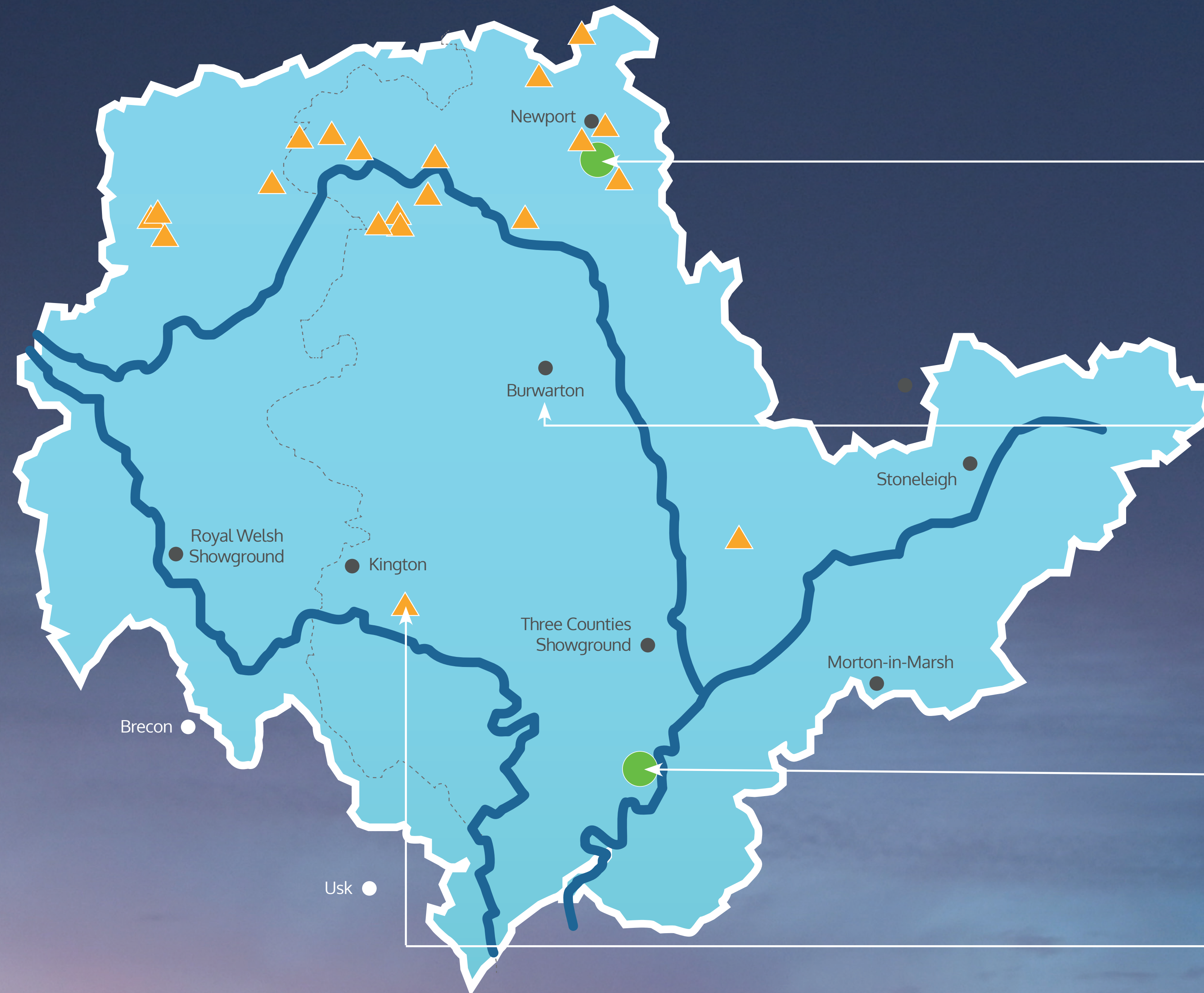


Rural Use Cases



Advanced
Wireless
Innovation
Region

Rhanbarth
Arloesi
Di-wifr
Uwch



DIF North Harper Adams University

- Biodiversity Net Gain - Birdsong and Insect detectors
- "Digital Nose" - Airbourne Spore Monitors
- Soil Sensors - Carbon Capture

Rural Roadshow

- Mobile Connectivity Unit
- Engaging Demonstration of new technology
- Followed up with
 - Digital Health Checks and
 - Invites to demonstration days

DIF South Hartpury University

- Security and Protection
- Environmental Monitoring
- Electric Metering and Voltage Monitoring
- Livestock Tracking
- Drone-based Crop Monitoring

Ammonia Monitoring

- Monitoring and Benchmarking



For more information scan the QR code

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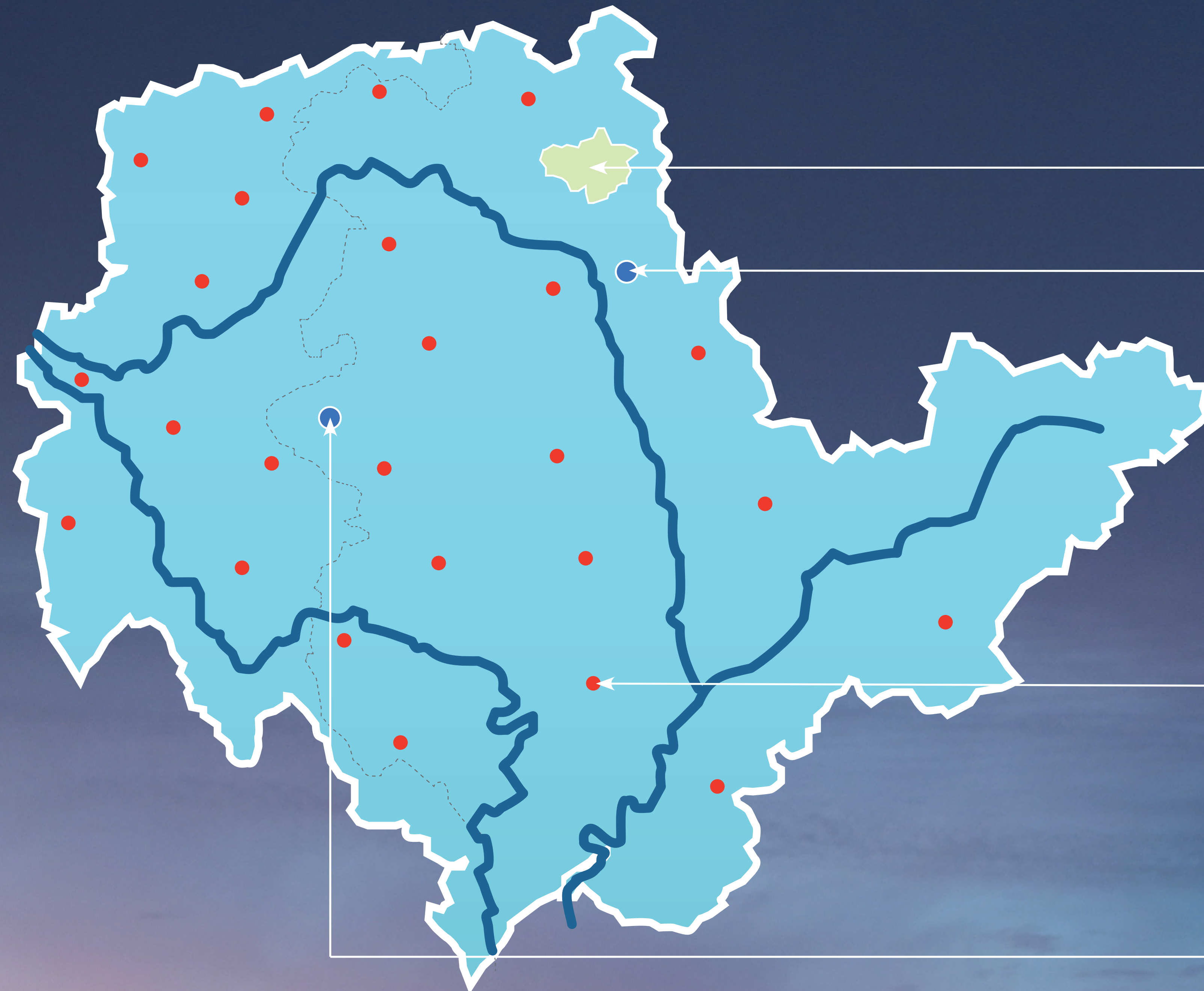


Water Use Cases



Advanced
Wireless
Innovation
Region

Rhanbarth
Arloesi
Di-wifr
Uwch



Sub Catchment Smart Abstraction

- Strine IDB
- Cranfield University
- 10 local landowners
- Wireless sensors providing real time guidance of when to "scalp" & when to "spill"
- Significant potential for Water Resource & Flood Management

Precision Irrigation

- PDM produce
- Cranfield University
- Real-time irrigation using soil moisture sensors
- Aiming to boost yield by 10%

Network as a Sensor

- Low Atmosphere Virtual Rain Gauges
- 170 Locations
- Adding to radar and surface rainfall data

Clun Water Quality

- Longitudinal remote monitoring of phosphate & silt levels



For more information scan the QR code

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