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# Enabling our net zero future: Scotland's International Environment Centre & the Forth Valley S5GC Hub

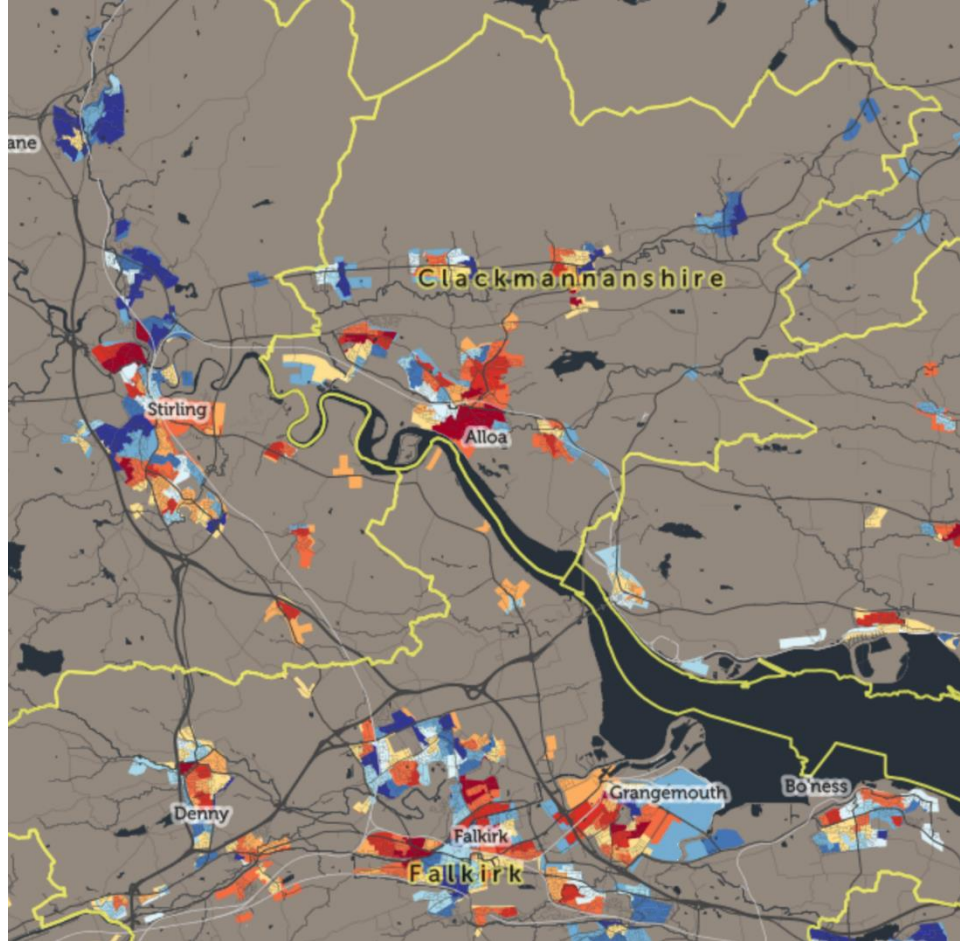
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## The regional opportunity

“We can lead the way in showing how our society and economy can transition to net zero in a way that creates economic opportunity and provides the assurance of rewarding work for all.”

*Protecting Scotland's Future*, Scottish Government, Sep 2019



# Scotland's International Environment Centre

A £22m investment transforming the relationship between environmental management and business in order that the protection and enhancement of natural resources becomes a driver of clean, inclusive growth



**Clackmannanshire  
Council**

**Forth  
Valley  
College**



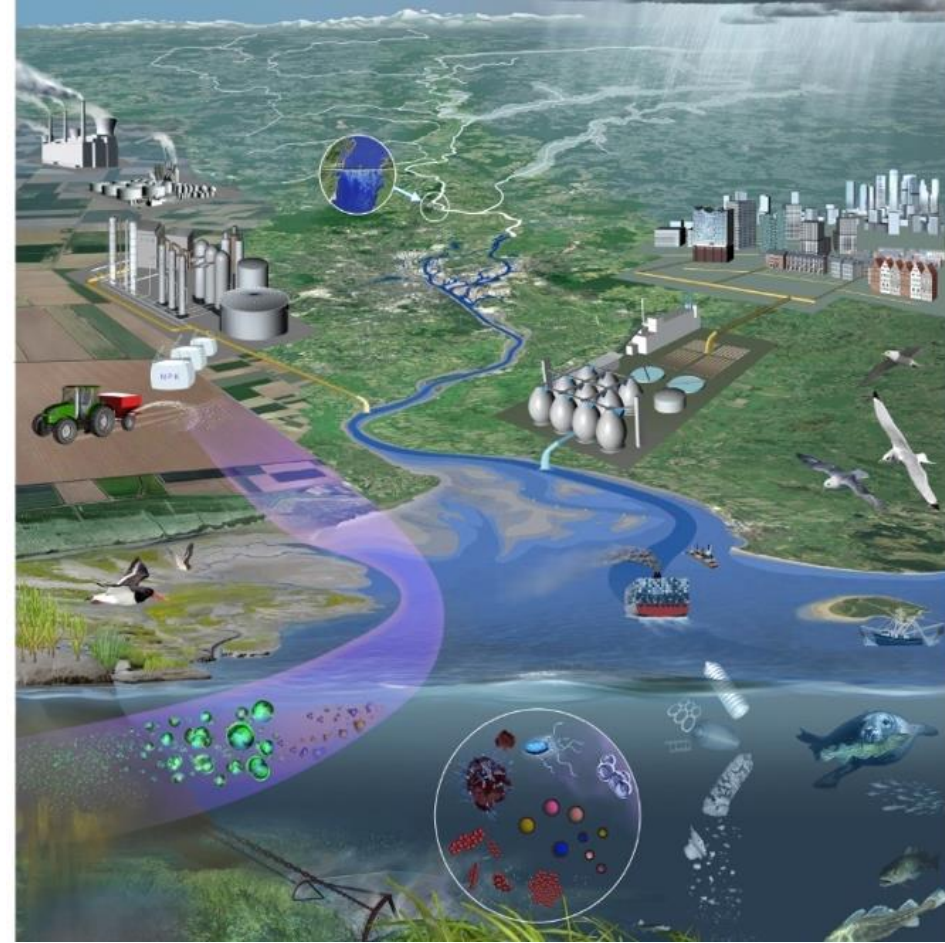
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# ERA: Forth Valley Environmental Resilience Array

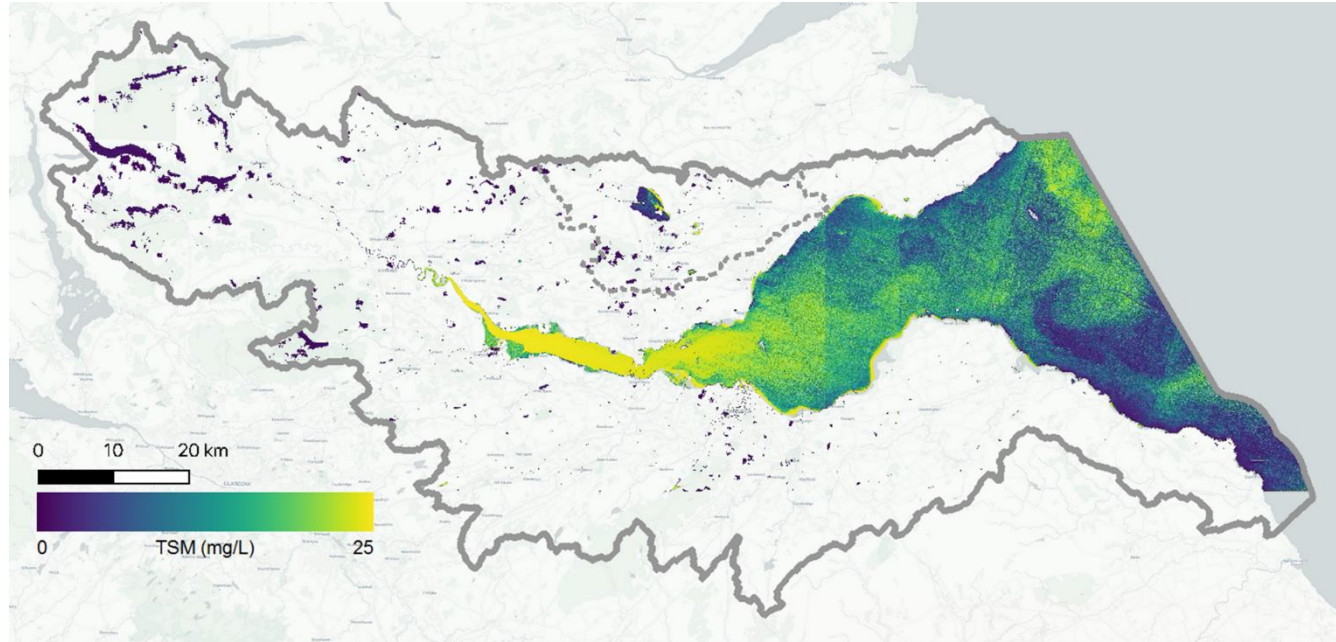
- Full catchment, river and estuary monitoring array using in-situ, airborne and satellite sensor technologies linked to real-time, high speed data processing
- A unique facility for system scale environmental management and regulation
- A living laboratory for business, public service and policy innovation
- Supporting business and community resilience and confidence
- Replicable and scalable: a global exemplar





# Integrated innovation

- 5G digital fabric
- Data analytics, visualisation, modelling and AI
- Partnership and collaboration
- Informed decision-making and sustainable solutions



# OUR RESEARCH MAKES THE DIFFERENCE



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