

Thames Catchment Community Eels Project



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Thames Catchment Community Eels Project
Fish Migration Vision



giving
nature
a home

Fish Migration Vision

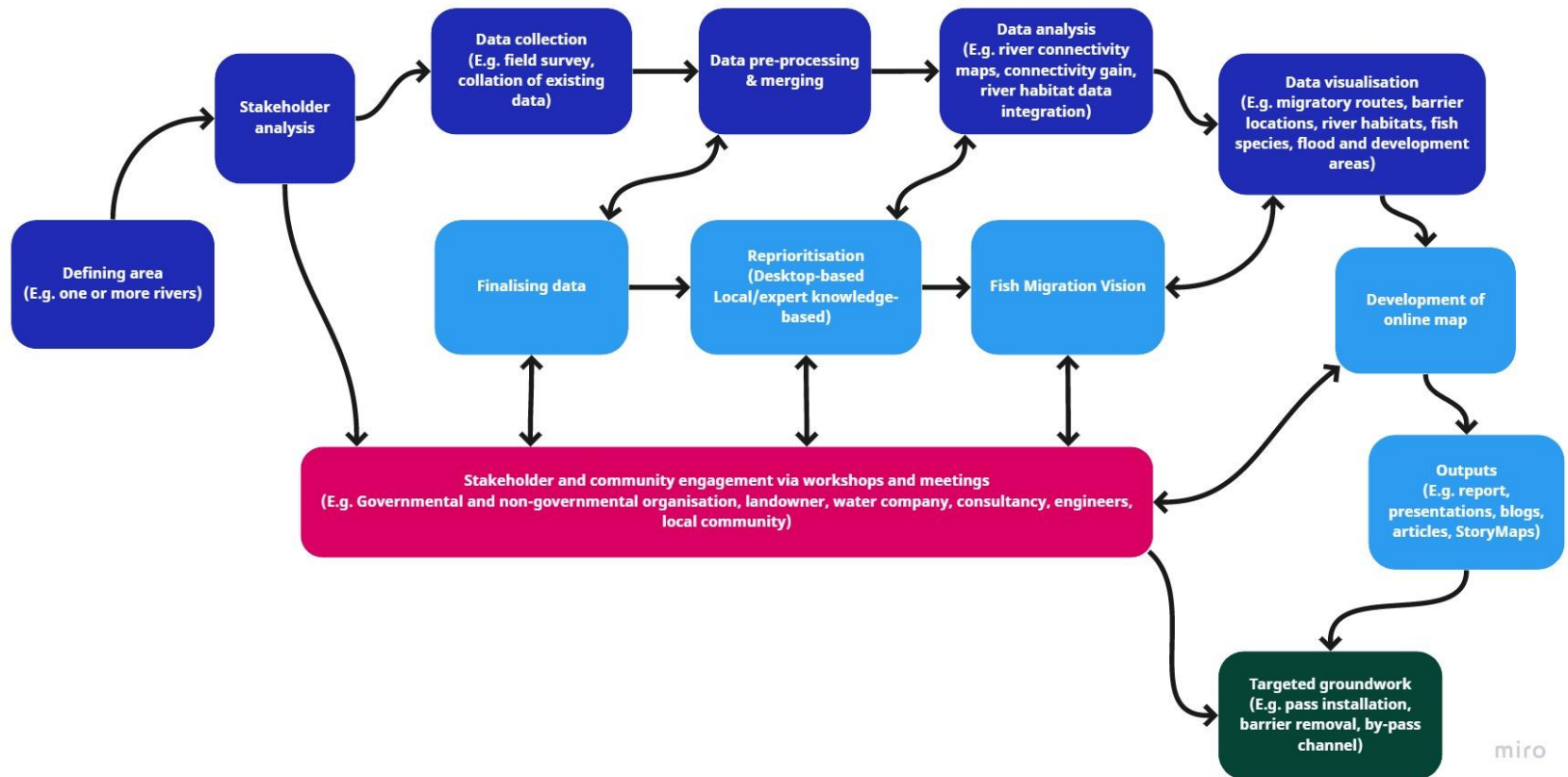
Fish Migration Vision

Essex Combined Catchment Partnership

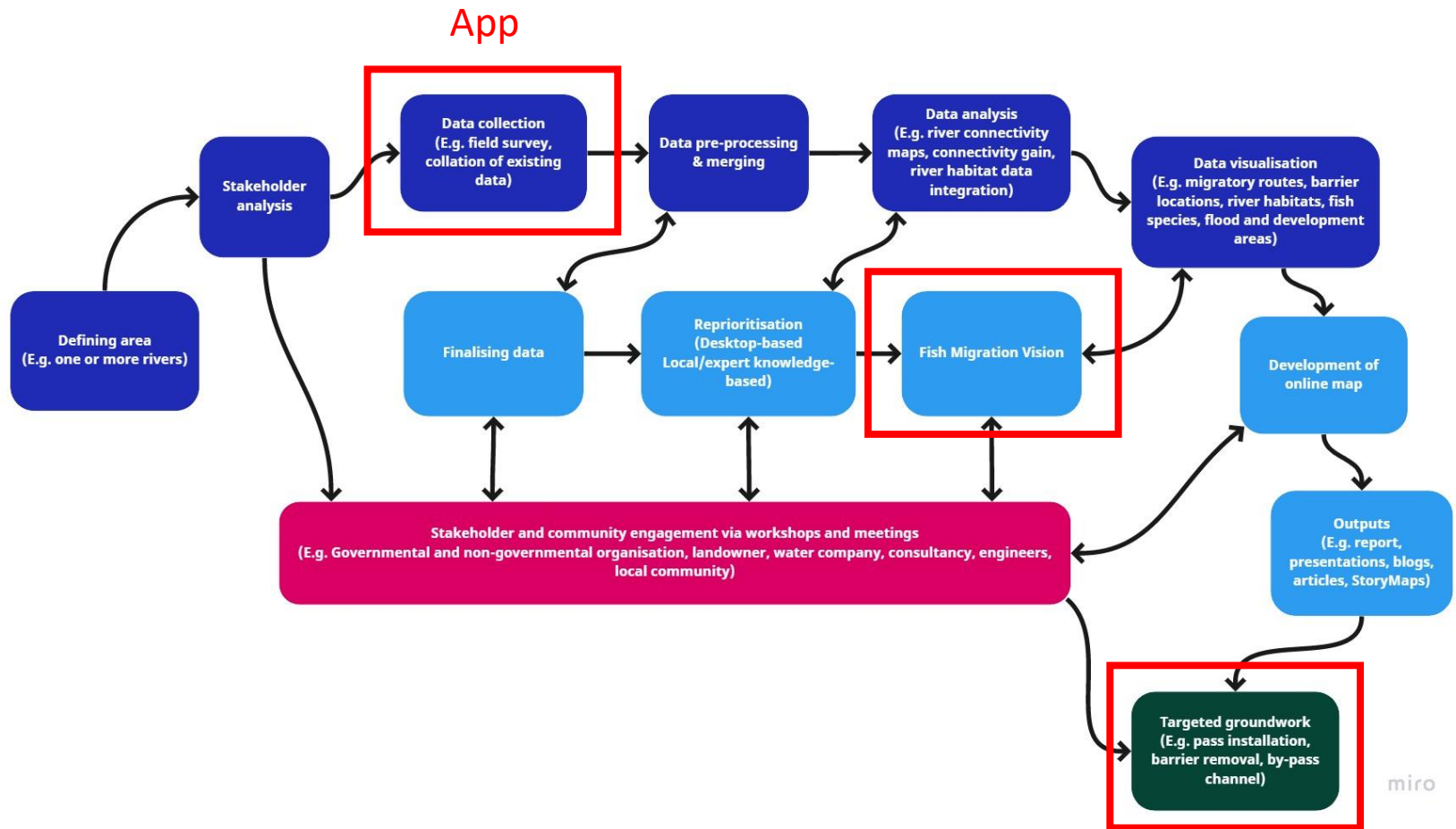
Re-opening the Essex catchment for migratory fish, restoring healthy, connected and climate resilient rivers

- Why a Fish Migration Vision?
 - Showcases ambitious, long term and collaborative ‘wholescape’ thinking
 - Nests within the overall catchment plan and can easily nest in other partner strategies
 - Makes the case clear in Biodiversity Net Gain and climate resilience
 - Brings together the key messages and story of ‘why’
 - Ensures wildlife is considered within all elements of river restoration

Roadmap method

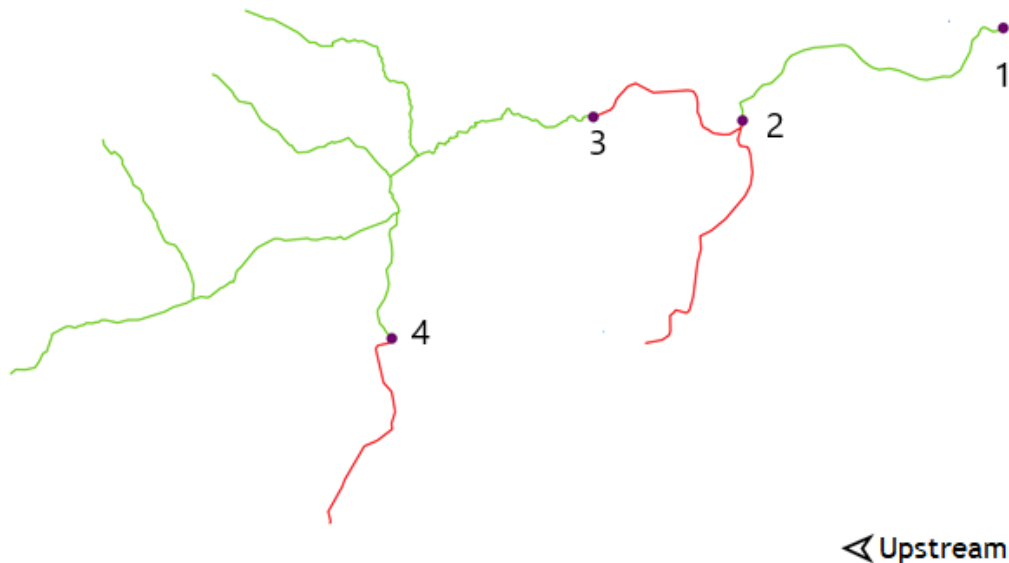


Roadmap method



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- Strategic approach -> environmental and social benefits
 - Creating a series of proposals ('eel ready' projects) to target funding and use your own Roadmap as a justification



- middle of a village
- Liaise with local authority
- removal
- citizen science: fish survey before and after to measure impact -> educational element
- liaison with landowner
- install pass – what kind?, how much would it cost?
- budgeting for the long-term maintenance of the pass

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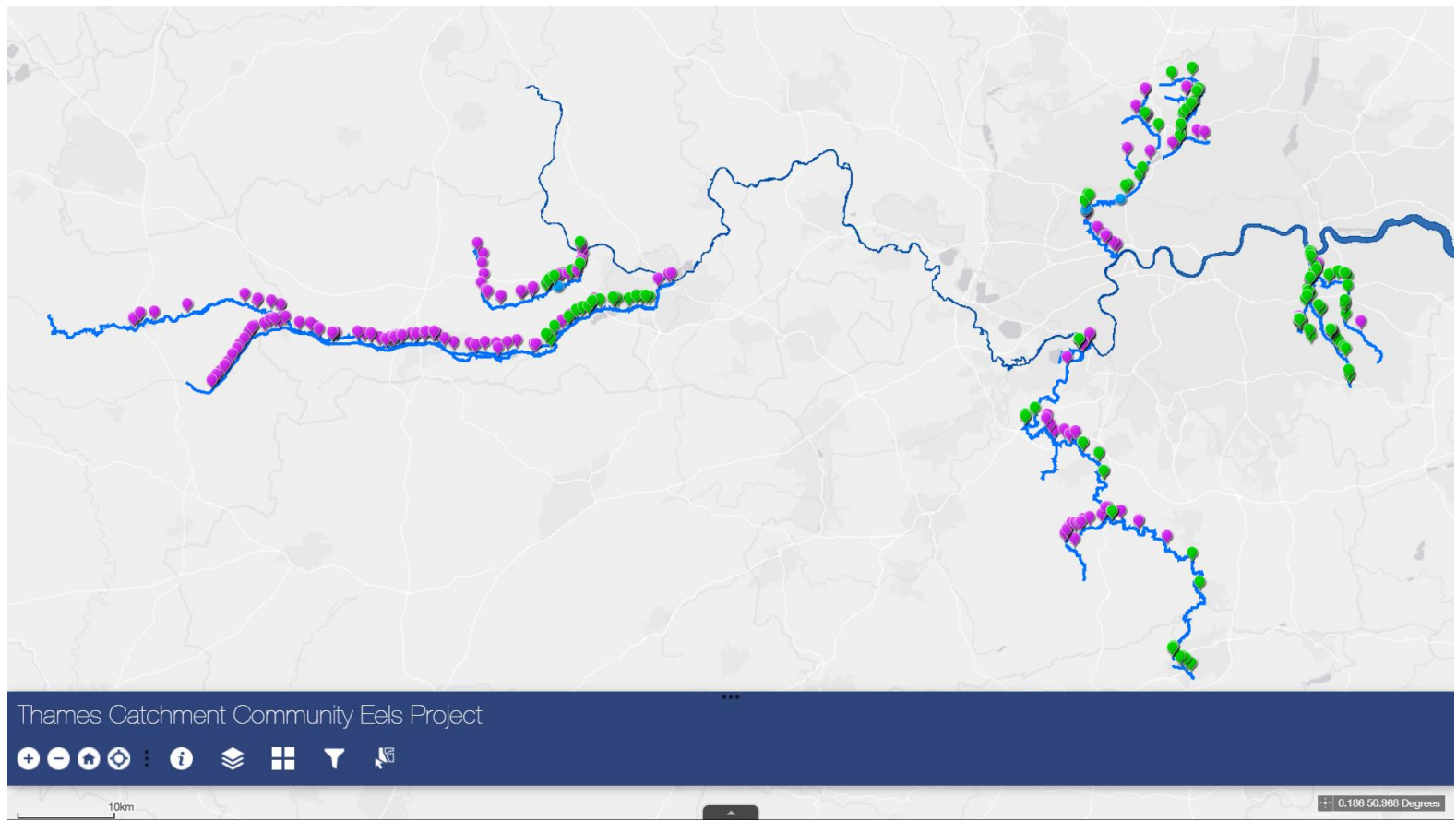
- How you would want to achieve opening up the river?
 - Which barrier(s) you may want to target first (reprioritisation process)?
 - What would be the mitigation process (pass, removal, bypass channel)?
 - Who are the stakeholders and communities you want to involve?
 - What kind of other data you may need (flooding, development)?
- > Ultimately, the more 'hooks' you can identify, the more funders and land management stakeholders will understand the multiple benefits that can be achieved through investing in fish/eel passage works

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- During the survey period (summer):
 - To think what kind of other data you may want to feed into the Roadmap -> discussion within your own organisation
 - What data do you have?
 - What priorities are listed in your Catchment Plans
 - What communities do you have represented in the Catchment Partnership and what are their needs/issues?
 - Anglers, recreational boaters, ramblers, water industry, developers, councils?
 - What else is going on in the catchment that could be an opportunity to highlight fish/eel passage needs?
 - Flood assessment maintenance or repair works
 - Land regeneration
 - Highways works
 - Public access or public realm improvements needs

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- Survey results to date (21/09) – data sent around as well



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Reprioritisation

Barrier data

- Barriers locations where data is missing (not surveyed)
- Barriers with no pass installed
- Barriers with low EBAT score

Integrating additional data

- Barriers with high connectivity gain
- Barriers with good quality habitat upstream
- Barriers in the vicinity of developments
- Barriers with river section prone to pollution

Expert knowledge

- Barriers with a quick 'win'
- Barriers with easy access
- Barrier where major fish or eel project is needed
- Barrier where the fish/eel pass is now missing
- Redundant barriers
- Barrier where connectivity is not possible
- Barriers passable at HT

Fish Migration Vision

Reprioritisation

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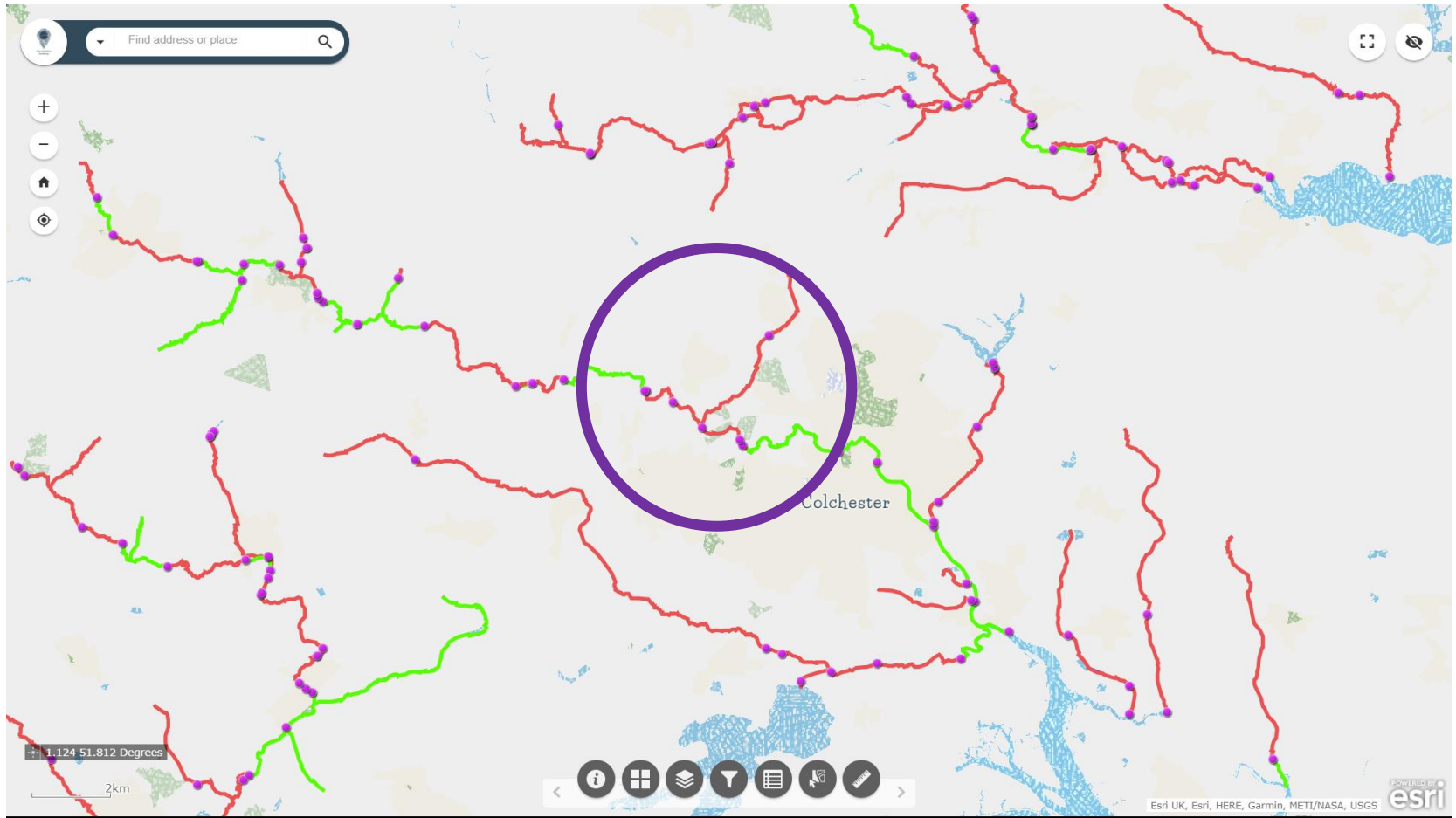
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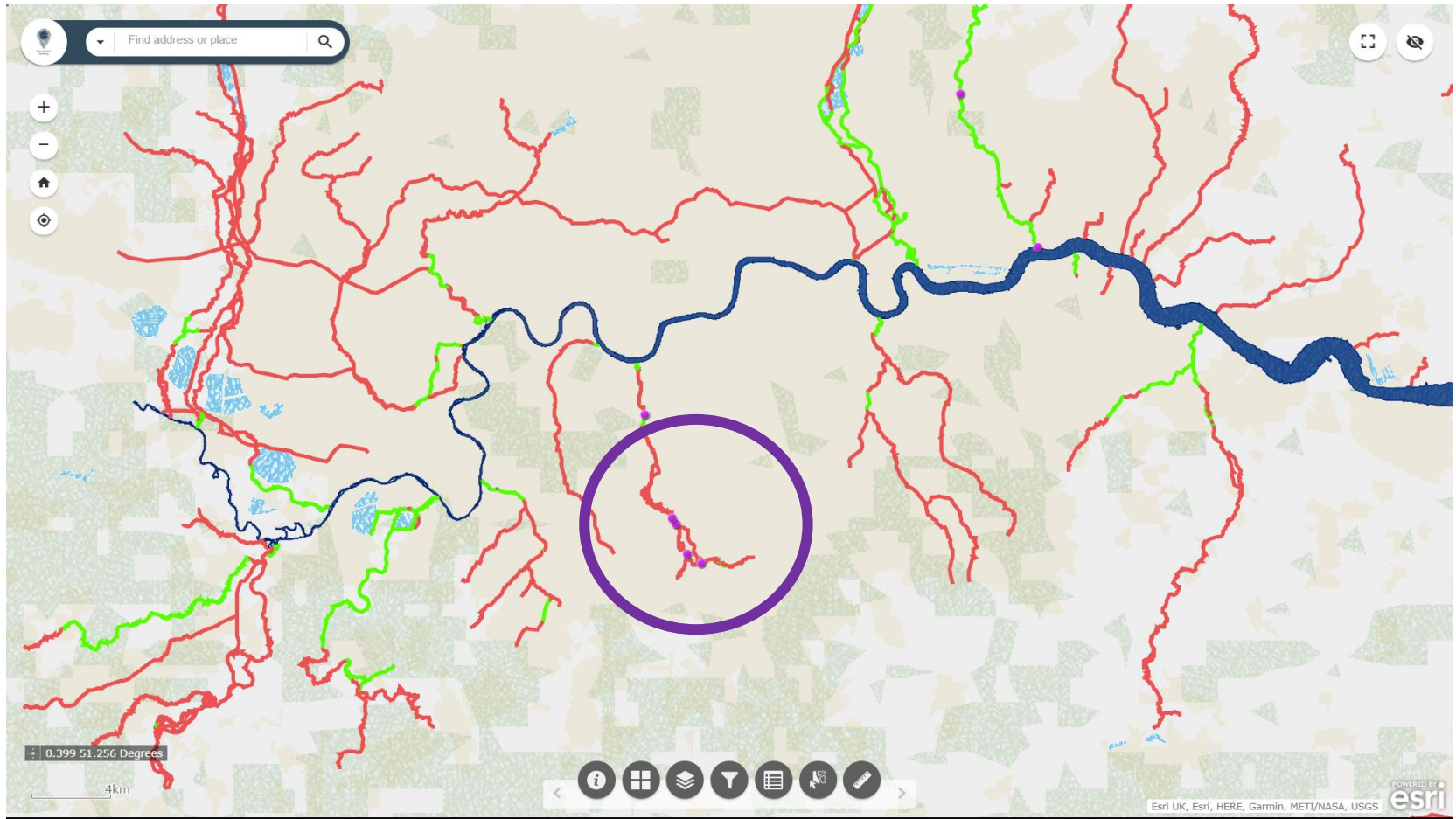
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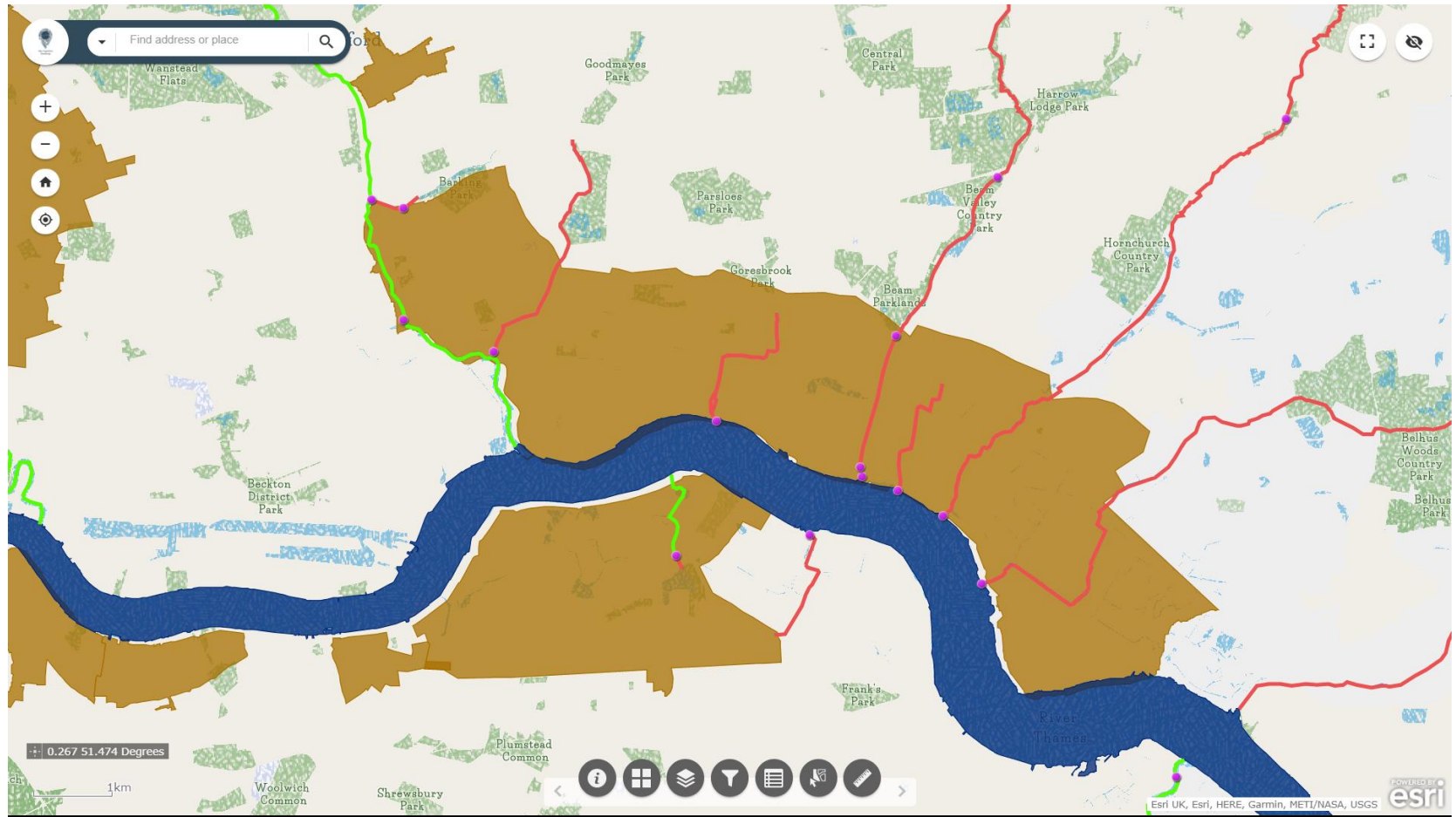
Map



Map

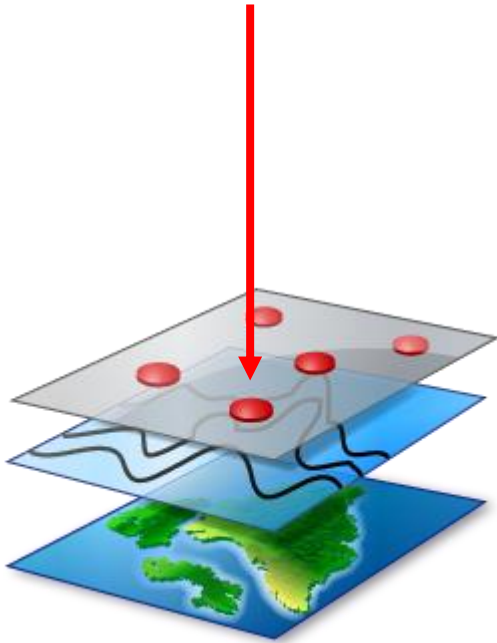


Map



Your map

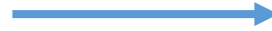
'Shovel-ready' project or
series of projects to
improve upstream
connectivity



Reprioritising (barriers)



Other data (Catchment Plans)



Dev opp areas



Flooding areas



Habitats



Barriers



Rivers



Basemap

Questions & Discussions

- Were you able to gather additional data relevant to your catchment?
- Have you started with stakeholder and community analysis?
- Are there any barrier that you have been meaning to tackle?
- Do you need any help with developing your FMV?
 - Have your priorities changed with new data collected through the project?
 - Can you layer with other Catchment Plan data?
 - What is your story of why?
 - Catchment Partnership workshops?

Next steps

- Check through thameseels barriers data
 - Missing entries
 - Corrections (e.g. EBAT)
 - Resurvey where it may needed
- Drafting maps with:
 - Barriers
 - River(s)
 - Habitats
 - Additional data (relevant to your catchment, e.g. fish surveys and habitats, utilities, water quality)
- Individual follow-ups once draft map is ready – Nov
- Draft projects or series of projects using the map to open up barriers – FMV
- Draft legacy project(s) – before Christmas