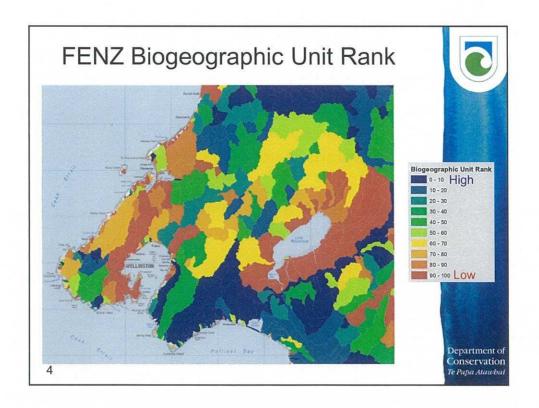


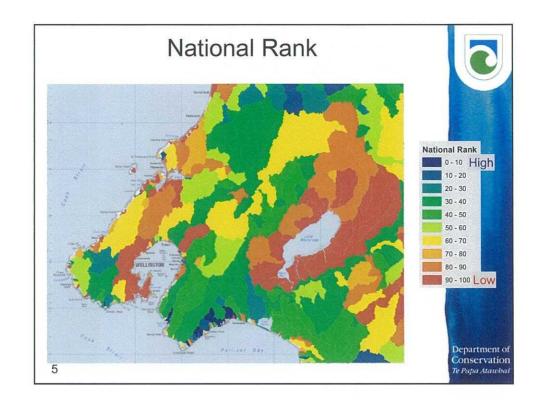


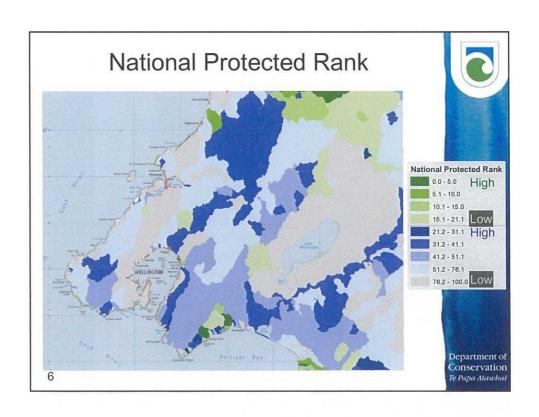
Value features to prioritise "bad" barriers for fixing.

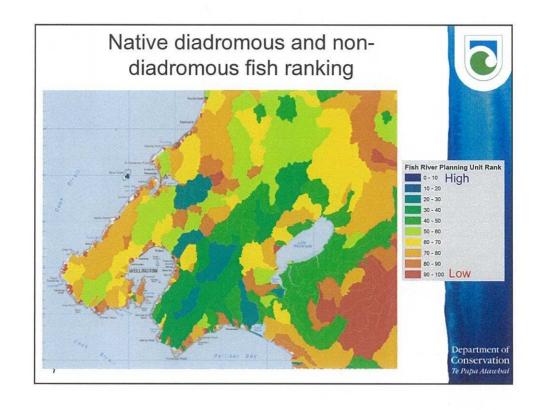
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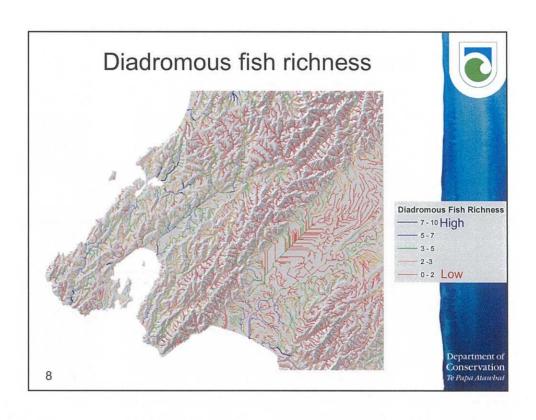
- · Inanga spawning sites
- Higher ranked FENZ catchments
 - Nationally, Regionally, complementarity, native fish ranks etc.
- Important migratory pathways
- Rivers downstream of DOC Ecosystem Management Units
- Regional Council schedules of important freshwater places
- · Sites of active freshwater restoration

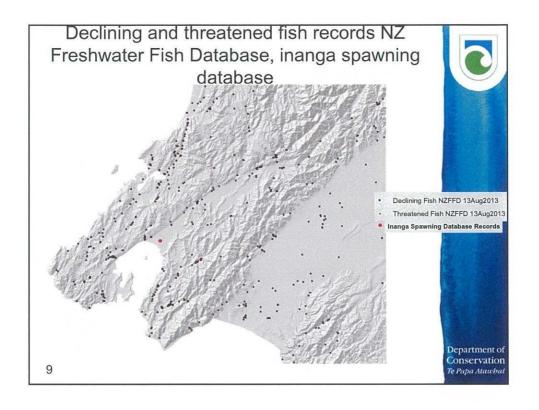


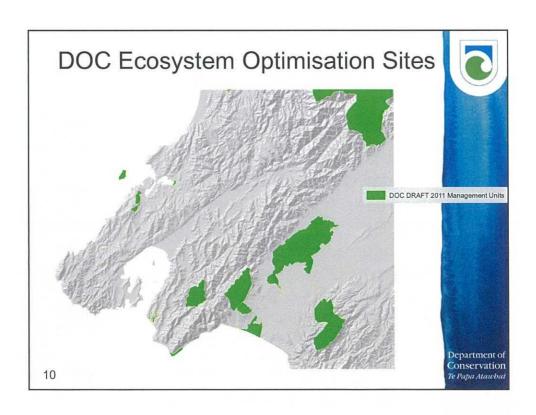












Other important freshwater places



- Schedules of special places with freshwater fish values
- Active freshwater restoration sites where diadromous fish likely
- Mahinga kai
- · Commercial fisheries

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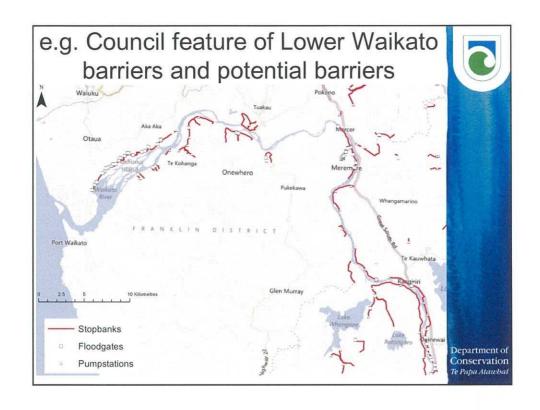
Practical features to prioritise "bad" barriers for fixing.



- Most downstream first
 - Flood gates (older less easy to open designs)
 - Structures due for maintenance
 - Those whose removal can have multiple benefits e.g. Fish passage + Better water quality, floodplain reconnection etc.



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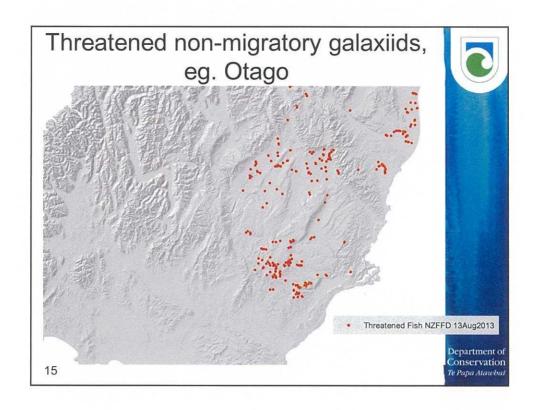


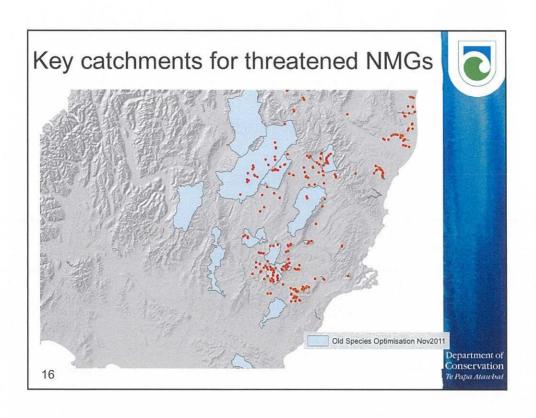
Value features to prioritise where to build or maintain "good" barriers

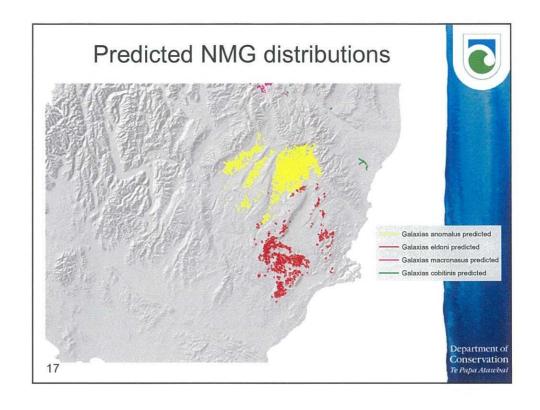


- Locations of threatened native species
- Catchments selected as key species optimisation sites
- Good habitat for threatened native species (potential translocation sites)
- · Where salmonids are absent

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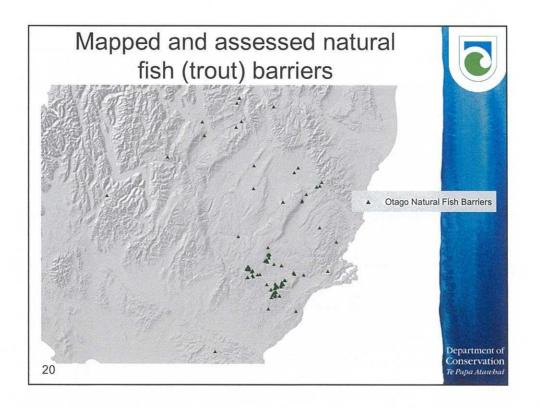


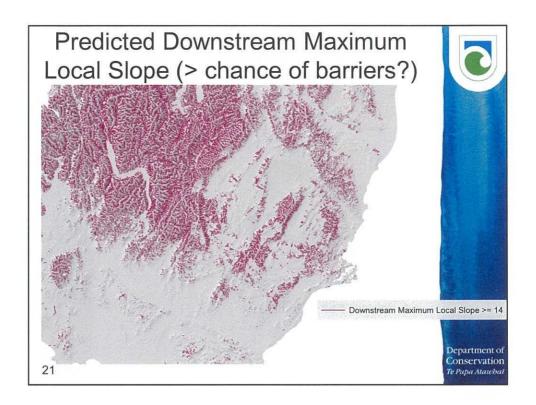


Practical features to prioritise building "good" barriers

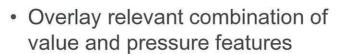
- Artificial structures such as culverts or weirs that can be enhanced as barriers
- Natural structures such as waterfalls and bedrock shutes
- Reaches with high slopes

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Prioritisation



- E.g. Whitebait spawning sites & bad floodgates
- Non-migratory galaxiids and trout, and good trout barriers

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