

“INSIGHTS FROM THE MANAGEMENT”

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**LIVING LAKES SYMPOSIUM 2:
FUTURE SUSTAINABLE MANAGEMENT PATHWAYS
FOR TE WAIHORA / LAKE ELLESMERE**

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CURRENT MANAGEMENT APPROACHES

- **Lake opening consent**
 - incorporating scientific findings
- **Lowland streams management**
 - environmental flows
 - Living Streams improvements
 - consent reviews

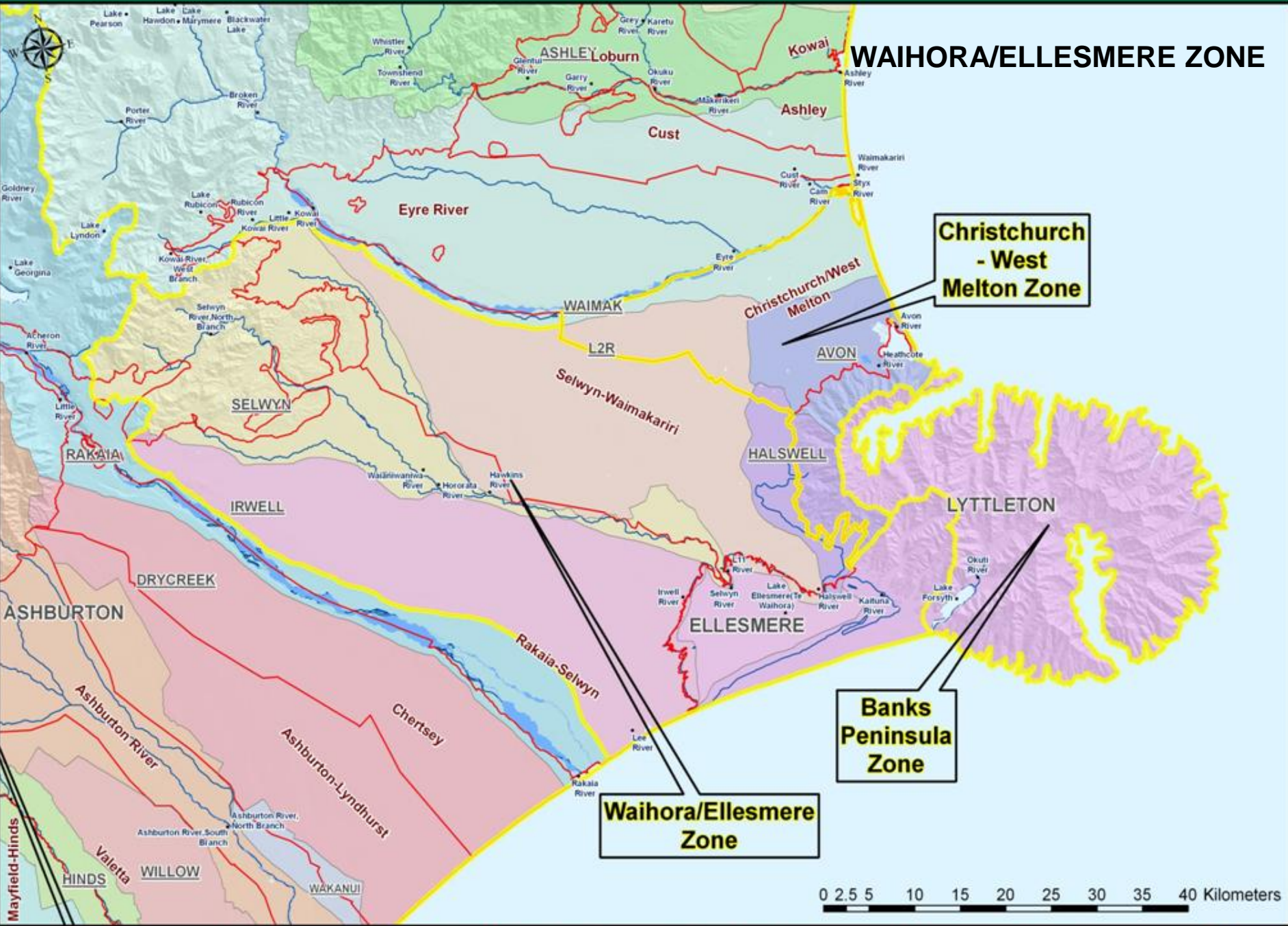
CURRENT MANAGEMENT APPROACHES (cont)

- **Catchment management**
 - groundwater allocation limits
 - surface water flow regimes
 - water quality effects of land use
 - non-statutory plan implemented by statutory agencies
- **Major project consents**
 - Central Plains
 - groundwater takes

CANTERBURY WATER MANAGEMENT STRATEGY

- **Integrated water management**
 - parallel development of infrastructure and ecosystem restoration
- **Tiered implementation programmes**
 - national: e.g. Treaty, energy/irrigation
 - region: e.g. major storage, regional biodiversity
 - zone: e.g. land use intensification effects, ecosystem restoration, biodiversity

WAIHORA/ELLESMERE ZONE



Christchurch - West Melton Zone

Banks Peninsula Zone

Waihora/Ellesmere Zone

Catchments, Groundwater Allocation Zones and Water Management Allocation Zones

MOVING FORWARD

- **Defining lake opening regime that increases system resilience**
- **Lake riparian margin management**
- **Drain management changes for lake impact mitigation**
- **Lowland stream flow and riparian management**
- **Catchment management non-statutory plan**
- **CWMS Zone implementation programme**