



SUSTAINABILITY

TE AO HOU - THE WORLD OF LIGHT



Te Ao Hou provides the key to mitigating the negative impacts of Canterbury's agricultural water use practices on downstream environments.

- Innovative technology combines waste run-off from irrigation with Canterbury's largest solar panels to restore valued ecosystems.
- It will connect Lake

Ellesmere to Lake Forsyth's hard sea outlet via a 4 km canal to a shared tidal estuary.

- Fish migration pathways will be restored and food sources for aquaculture

and coastal fisheries will be created which will ultimately attract Southern Right Whales back to Canterbury shores, the ultimate success indicator.



MISSION/VISION

To prove to Canterbury and the world, that a shift from old sun (fossil fuels) to new sun (solar, wind, hydro, biomass, tidal, wave power) is not only possible but very profitable for our environment and economy. The project converts waste nutrients into zooplankton, the universal living fish food, to drive aquaculture (whitebait, eels and other fish) and tourism businesses.

CANTERBURY

Te Ao Hou is the key to re-establishing Canterbury's water based food chain. It is a world leading sustainable model of holistic environmental management of Canterbury's resources. This will provide confidence to Canterbury's residents that their valuable water resources are being probably utilised and protected now and for future generations.

BENEFITS/IMPACT

- Our project provides an international advantage in marketing clean-green agricultural and aquaculture products alongside numerous employment opportunities, sustainable increases in agricultural production, tourism attractions and an Olympic quality rowing venue.
- Te Ao Hou brings reliable lake controls, flood protection, improvements in water quality, biological productivity and recreation and competition infrastructure.

The Canterbury V5 initiative is supported by:

