

# GOAL: WESTERNPORT WATER ACHIEVES NET ZERO EMISSIONS BY 2035

## Strategic outcomes

Integrated energy system

A healthy corporation & community

Resilient water and wastewater systems

Regenerative footprint

## Priority areas



Plant efficiencies



Renewable electricity



Zero emissions transport



Resilient assets & diverse water supplies



Eliminating emissions from waste and wastewater



Carbon sequestration

## Actions

Reduce electricity use at our Treatment Plants through energy efficiency projects

Explore new technologies to monitor and reduce energy consumption

Estimated Annual TCO2-e reduction

**856**

Explore local renewable energy sharing opportunities through the Virtual Energy Network (VEN)

Install additional solar systems across our sites – 430kW

Estimated Annual TCO2-e reduction

**573**

Complete Electric Vehicle Transition Plan Transition 10 fleet vehicles to electric vehicles

Roll out staff training for efficient use of transport at work, and availability of electric vehicles via novated lease agreements

Estimated Annual TCO2-e reduction

**26**

Improve understanding of risk to our assets from climate change using the most appropriate climate models

Increase on-site recycled water use  
Continued integrated approach to water resource management through drought preparedness, our Urban Water Strategy and Recycled Water Strategy

Feasibility and functional design to assess the viability for a biogas waste to energy plant at Cowes Wastewater Treatment Plant

Design and construct a 60ML wetland system at King Rd Wastewater Treatment Plant

Estimated Annual TCO2-e reduction

**2,045–2,466**

Revegetate 42ha of our land for carbon offsets and environmental benefits

Continued research into 'teal' carbon sequestration  
Investigate collective approach for Victorian carbon offsets

Estimated Annual TCO2-e reduction

**500**