Start Your Own Net Zero Journey

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Getting the Journey Started

1. Map out a credible and deliverable implementation concept

2. Identify the benefits and Risk Mitigation Opportunities

3. Leverage your Influencers and Leaders to set a Public Target
Align and Embed into Business Value

In August 2016, Monash University Council approved the University’s Environmental, Social and Governance Statement, which included the implementation of infrastructure investment goals and intent to transition to net zero carbon emissions.

In 2017, Monash became the first University globally to commit to achieving Net Zero Emissions Campuses by 2030

Monash’s Leadership on Climate Action was recognised by the United Nations, receiving a Momentum for Change Award (December 2018).

$135 million committed to delivering Net Zero 2017-2030

University Council, October 2017

- Energy Efficiency
- Campus Electrification
- On-site Renewables
- Off-site Renewables
- Net Zero Ready buildings
- Intelligent Energy Network
- Offset Residual Emissions
Dynamic and Progressive Implementation Approach

1. Leverage Quick Wins Using Existing Processes
2. Grab Early Mover Benefits
3. Establish Market Leadership
4. Innovate through partnership

ON-SITE RENEWABLES
- 3.7MW of on campus solar
- 1MWh of Storage

ENERGY EFFICIENCY
- 40,000 LEDs
- 24 Building optimized for energy

OFFSITE RENEWABLES
- 9 turbines with 30MW of wind generation capacity now operational
- 5 Super Efficient, all-electric buildings with rooftop solar

NET ZERO READY BUILDINGS
- 5 EV charging Stations
- Bike Arrival Station
- Science and Engineering precincts underway
- Microgrid Installation across 20 buildings
- Transactive Energy Market Development

CAMPUS ELECTRIFICATION

INTELLIGENT ENERGY NETWORKS

The program has been successful through leveraging multiple value streams e.g. financial savings, operational savings, health and wellbeing, research and teaching benefits, industry engagement etc.