

Climate change, sustainability and its impact on sport on campus

Unisport Conference
Thursday 12 May 2022

Sustainable future for sport



Deakin Elite Sports Precinct

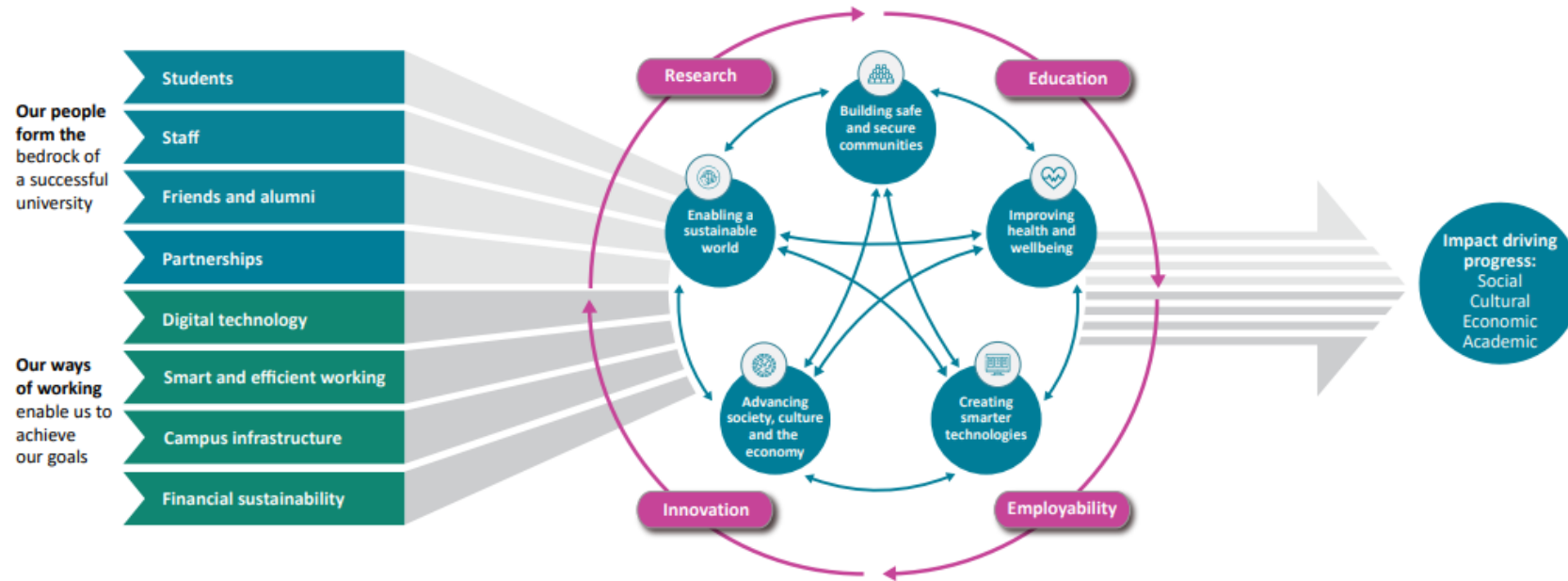


50,000 visitors per year



Deakin 2030: Ideas to Impact

Sustainable: “We care about our shared future, integrating economic, environmental and social dimensions of sustainability in all we do”



VALUES

Our values reflect what we believe and guide our actions

Excellent

Inclusive

Brave

Dynamic

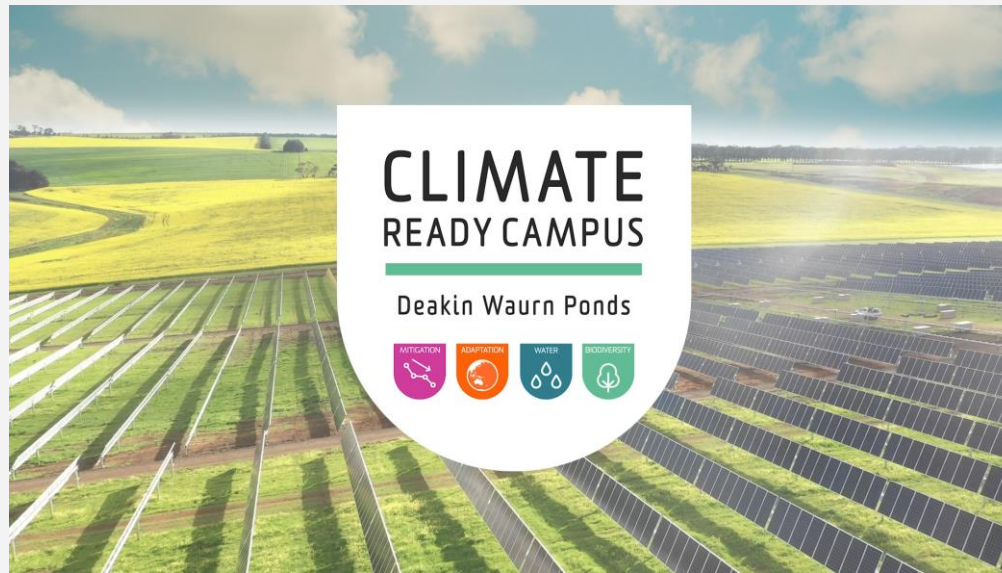
Sustainable

Ethical

Climate Ready Campus

CN2025 is an integral element of Deakin's Climate Ready Campus initiative at the Waurin Ponds Campus.

Through an integrated systems approach Deakin's Climate Ready Campus will demonstrate a range of complementary and impactful actions that mitigate climate change and build the resilience required to adapt and withstand the impacts of climate change that are now inevitable.



These integrated actions will:

- Demonstrate sustainable development
- Enable partnerships to tackle the global challenges of climate change
- Utilise the campus as a Living Laboratory, enabling research to test and develop climate ready initiatives
- Establish strategies that can be replicated at other campuses and within the broader community

Energy and Emissions



Achieving 100% renewables by 2025

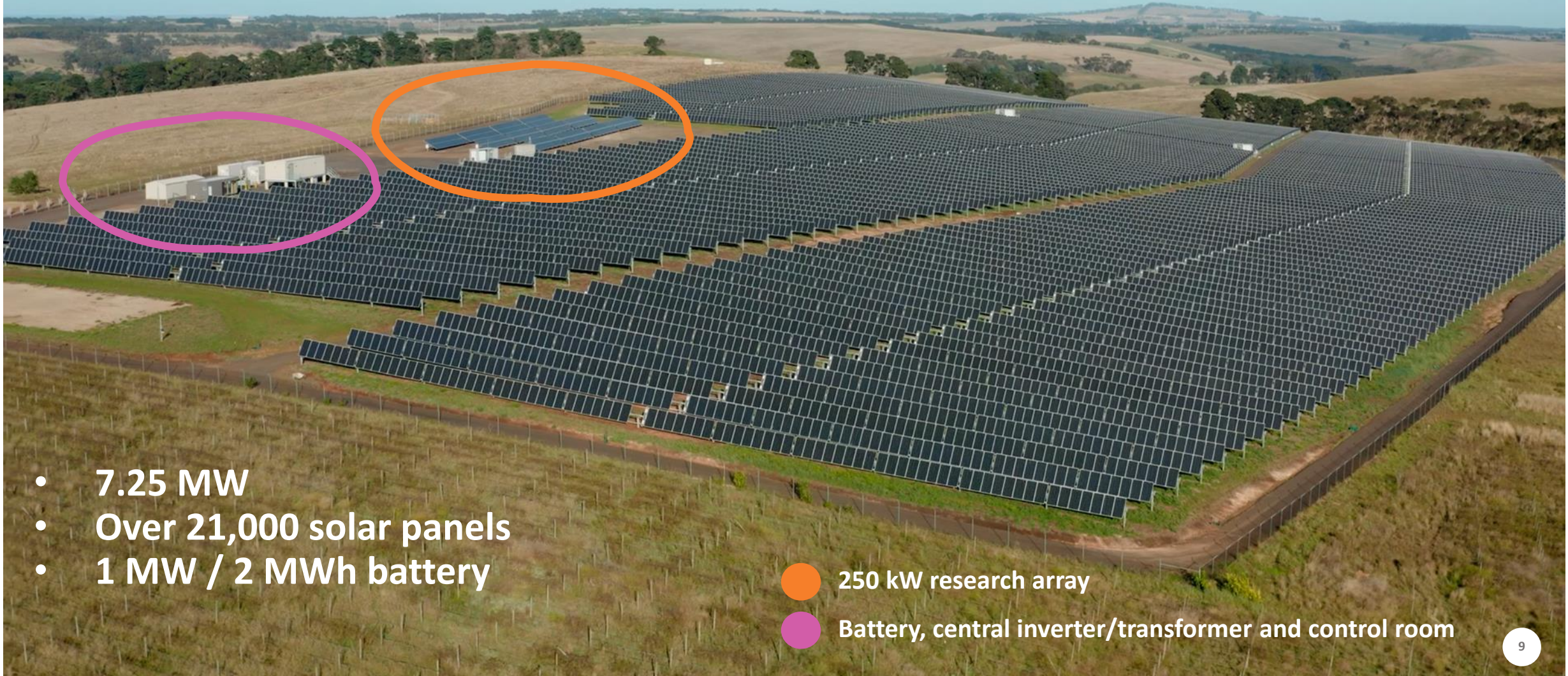
Already, half of the electricity used at Deakin is from renewables

- **Waurnd Ponds: 50%**
- **Warrnambool: 100%**
- **Waterfront: 100%**
- **Burwood: 20%**

→ (Generated by the Microgrid)

} → (Purchased from wind farms)

Renewable Energy Microgrid



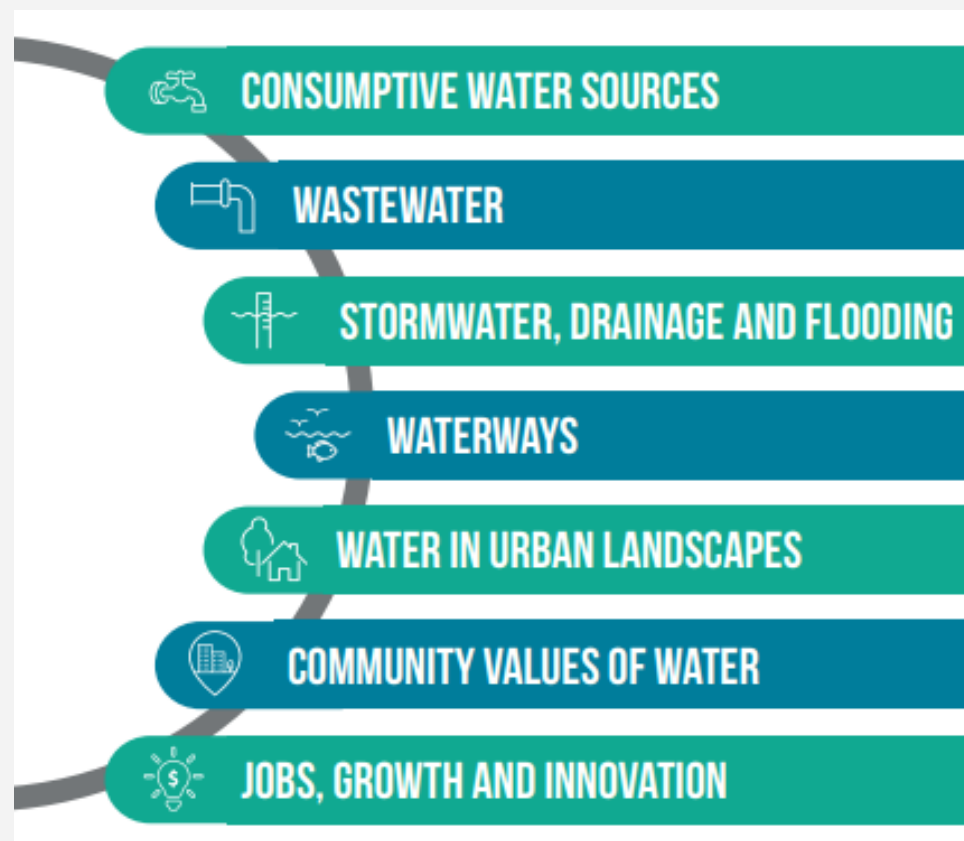
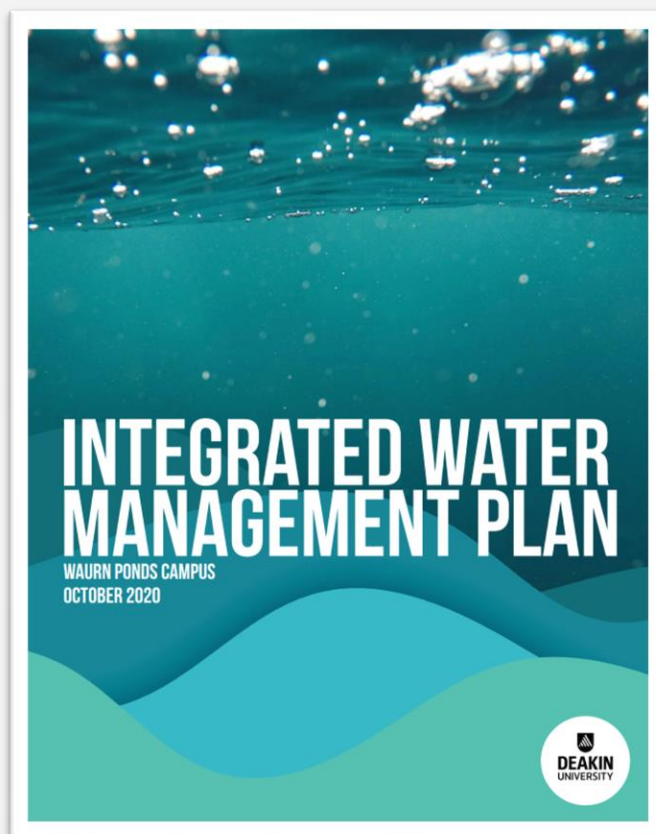
- 7.25 MW
- Over 21,000 solar panels
- 1 MW / 2 MWh battery

- 250 kW research array
- Battery, central inverter/transformer and control room

Integrated Water Management



Integrated Water Management



Waurn Ponds – 1990s



Waurn Ponds – 2018





Biodiversity Strategy



2017 Flooding event



Our challenge to you

1. Get to know your
sustainability team



2. Be open to new
ways of thinking
and exploring new
opportunities



3. Explore
partnerships within
and outside your
university

