

# Peel Business Park

An environmentally **sustainable** development

Transform Peel stimulates intergenerational environmental sustainability and innovation – smart thinking and big ideas around water, energy and waste management for the future.



Urban Development Institute of Australia (UDIA) recognises Peel Business Park, the centrepiece of the Transform Peel program as an environmentally sustainable development.

## Water



Technical research for alternative, climate independent water sources, including, groundwater environmental tracer analysis and Managed Aquifer Recharge

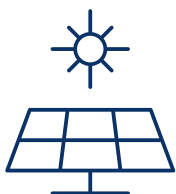


Water wise provisions include WELS (Water Efficiency Labelling & Standards) appliances, local native water wise landscaping, water efficient irrigation

↓ 15  
tonnes

Phosphorous Retentive Filter Media used in Stage 1 drainage basin reduces phosphorous drain-off to the Peel Harvey Estuary by 15.9 tonnes over 50 years

## Energy



The first of its kind in Australia, Peel Business Park's Renewable Energy Industrial Microgrid is a truly innovative power solution



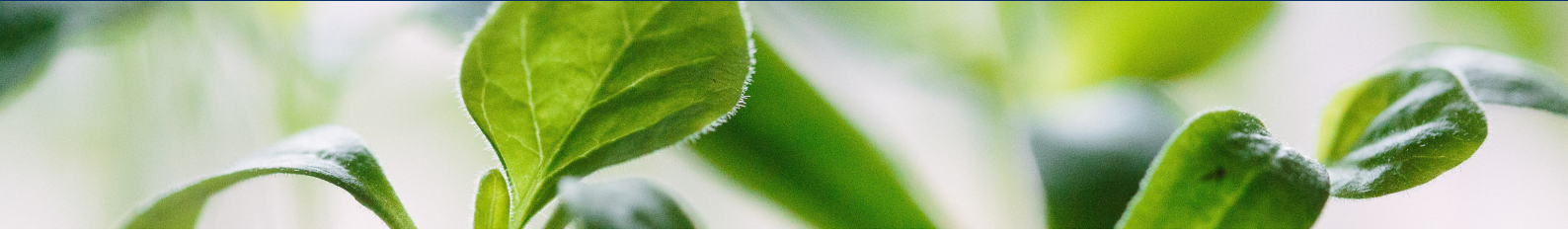
The microgrid is expected to generate 30% in electricity cost savings for local businesses, compared to regulated tariffs elsewhere



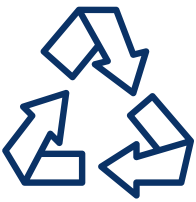
As the park expands, the microgrid's scalable design allows for additional renewable generation and storage capacity to be added to meet increasing power demand

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## Waste



Average recycling rates during construction by weight greater than 96%



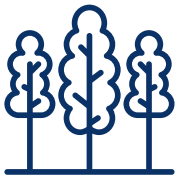
Developers must capture, recycle or reuse >80% volume of construction waste materials



Topsoil retained and reused and all cleared vegetation used for mulch



## Ecosystems



18% of the total development is public open space with the reestablishment of local native vegetation



Cockatoo nesting boxes installed as part of the project's environmental response



Local expert organisation, River Wren Rescue, engaged to assist with fauna relocation



## Community



University-led research & development, value-add production/food processing facilities, cold storage, logistics & warehousing



Designed for passive recreation with significant wetland spaces, native tree preservation, and pedestrian & cycle paths



Peel Agri-Food Study - innovative food technology solutions to preserve WA's soil and water resources