

RAC Ningaloo Reef Resort – Sustainability Initiatives

Summary

The proposed RAC Ningaloo Reef Resort development has several sustainability features present in the current design. The project is targeting an equivalent 4-Star Green Star rating under the Buildings v1 tool (no formal rating).

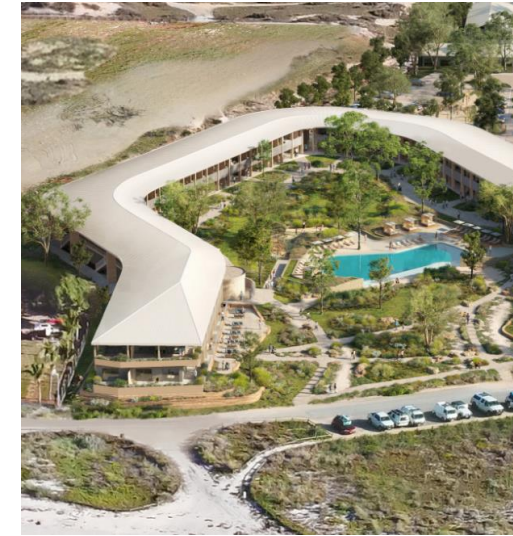


Energy

- No mains gas used on site
- On-site solar PV system – panels positioned over carpark to provide additional shading benefit.
- Four Electric Vehicle (EV) car bays
- Potential future on-site battery
- Roofing and façade materials to have high Solar Reflectance Index (SRI) – reducing cooling demand
- Low energy and ecologically sensitive lighting

Water

- Extensive native plant selection – species have naturally low-water requirements and are adapted to local conditions
- Waterwise drip irrigation to be targeted for all non-lawn areas
- Water efficient fixtures and fittings proposed throughout the development
- Metering to be provided and integrated with high quality monitoring system



Waste

- Target 80% construction and demolition waste diverted from landfill
- Waste Management Plan developed
- Container Deposit Scheme to enable connection with Containers for Change
- Collection of several waste streams – cooking oil, cardboard, comingled recycling, and landfill



Community

- Good daylight levels to all short-stay accommodation
- Limits on Volatile Organic Compound (VOC) and Formaldehyde
- Access to high-quality views of the natural environment
- Integration of development with existing walking trails in Coral Bay, encouraging pedestrian activity
- External shade and vegetation to reduce ambient temperatures