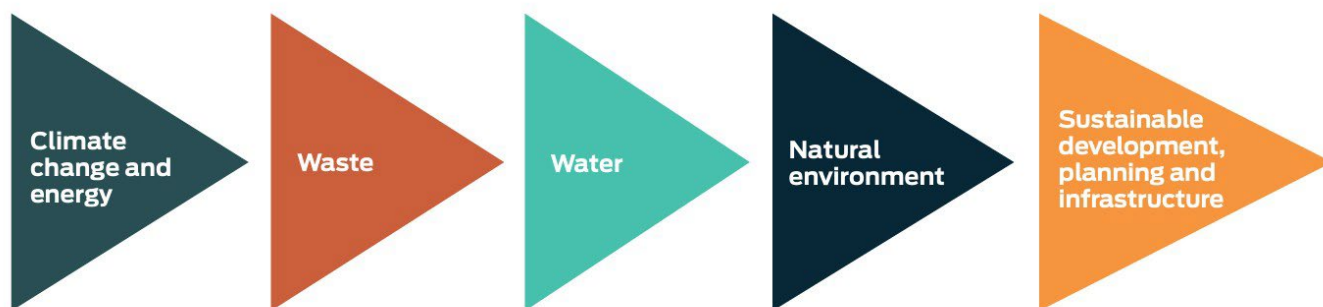


Sustainability Initiatives that align with Town of Port Hedland Environmental Sustainability Strategy 2022-2027



Vision: “Together, we create a thriving, resilient, and inclusive future for our diverse community.”

Our approach to environmental sustainability covers five key impact areas:



Delivery of the strategy framework will require leadership by:

- Sustain biodiversity, mitigate climate change, and enhance ecological outcomes.
- Deliver and track performance on integrated strategies.
- Address gaps in staff and community sustainability education.
- Strengthen collaboration in embedding sustainability outcomes.
- Use technology to boost sustainability performance, information sharing, and engagement.
- Integrate sustainability into governance frameworks and business practices, ensuring better environmental outcomes through the Town’s regulatory role.
- Conduct research to support evidence-based environmental sustainability.
- Seek funding and advocate for change to improve local sustainability performance.

Sustainability Initiatives that align with Town of Port Hedland Environmental Sustainability Strategy 2022-2027



Focus Area 1 | Climate change and energy

Projects that support the sustainability grant fund

- Conduct an energy audit of high-use facilities and create an action plan to integrate smart technologies, reduce energy consumption, and implement solutions like motion sensor lights in the parking lot, and their garden.
- Support renewable energy projects (Solar PV system, Hydrogen).
- Promote climate resilience practices (Insulation and drought-proofing).
- Upgrade to energy-efficient appliances and systems (WELS rating).
- LED lighting and sensor control.
- Increases awareness of energy conservation practices.
- Community Workshop on the electrification transition.

Focus Area 2 | Waste

Projects that support the sustainability grant fund

- Promote recycling such as eligible Change for the Containers and battery recycling, textile recycling, and concrete recycling.
- Waste education workshop and program to reduce recycling contamination and waste sorting on the hierarchy of avoid, reduce, reuse, repair, recycle, recover, and dispose of.
- Investigate options for food waste management > fertilizers (composting initiatives).
- Community education programs and workshops on the ban on single-use plastics and home composting.

Focus Area 3 | Water

Projects that support the sustainability grant fund

- Investigate monitoring technologies for water use at facilities or within irrigation systems.
- Advocacy programs and workshops on how to minimize the wastage of water resources.
- Encourage the non-portable water for irrigation, for example harvesting of storm water and grey water.
- Conduct a water management audit and create an action plan to improve water efficiency within the organization and its operations.

Sustainability Initiatives that align with Town of Port Hedland Environmental Sustainability Strategy 2022-2027



Focus Area 4 | Natural environment

Projects that support the sustainability grant fund

- Monitoring, management, and conservation program for the Flatback Turtles: Protection of turtles during the breeding season.
- Protect the local ecosystems and biodiversity.
- Support wildlife conservation efforts.
- Promote green spaces and urban forestry with the native species as they are low maintenance and water efficient and with sustainable practices such as sustainable irrigation.

Furthermore, about the planting guide please refer to the '**Preferred Planting Guide**' document. *[A link to this is located in the Overview of the Sustainability Grant section of the application form.]*

Focus Area 5 | Sustainable development, planning, and infrastructure

Projects that support the sustainability grant fund

- Incorporate sustainable materials in construction
- Design buildings for energy efficiency and sustainability