GreenTech Hub Innovation Challenge | GREEN COMPUTE AT THE EDGE

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EARLY DISRUPTORS INNOVATION CHALLENGE

SUBMISSIONS NOW OPEN

We're inviting highly disruptive innovators with a strong connection to Western Australia to test, pilot and progress their data centre and compute solutions.

Work alongside our industry, government and R&D partners in WA, where world-class renewable resources, vast land, strong infrastructure and direct Indo-Pacific connections create a unique environment for sustainable compute.

SUBMISSIONS CLOSE

18 OCTOBER

Be part of Western Australia's next generation of sustainable compute infrastructure.

WHY SUBMIT?

The Challenge is designed to move promising technologies beyond ideas and into real-world applications, with curated deployment, industry and commercialisation support. Winners from previous GreenTech Hub Challenges are already progressing toward deployment with industry partners, with potential projects valued at more than $100 million.

ELIGIBILITY

Eligible solutions should be within TRL 3-6 or equivalent. Applicants must demonstrate a strong connection to WA.

This may include:

- Founder, co-founder or key member of the leadership team based in WA
- Underlying intellectual property or tech having been developed wholly or partly through a WA university, research institution or research partnership
- Solution being developed through a substantive collaboration with a WA research, industry or innovation partner
- Founder, co-founder or key member of the leadership team is a Western Australian working abroad.

THREE PRIORITY USE CASES

The GreenTech Hub, together with industry, R&D and investment partners, has identified three priority use cases:

01 CARBON-FREE ENERGY

Enable 24/7, 100% renewable-powered compute through firm clean energy, storage, flexible and distributed loads, edge/off-grid operation, and productive use of surplus renewable generation across regional WA.

02 WATER-POSITIVE COOLING

Enable zero-potable-water compute cooling through efficient non-water and alternative-water systems that can operate reliably across WA's hot, remote, arid and water-constrained regional environments.

03 REGIONAL BENEFIT & INTEGRATION

Use compute infrastructure to create broader regional value through waste-heat and resource reuse, low-impact siting, and integration with industries such as mining, agriculture, desalination and aquaculture.

KEY DATES

- Submissions open
  2 SEP 2026
- Submissions close
  18 OCT 2026
- Finalist Tech Pitch
  Perth (West Tech Fest)
  7 - 11 DEC 2026
- Champion Showcase
  Early 2027*
- Support for Champion solutions' deployment
  March 2027*

* Dates are subject to change.

SUBMIT YOUR SOLUTION

Scan to learn more and apply

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Established and Supported By

Government of Western Australia
Department of Energy and Economic Diversification

Curtin University

Chevron

Gorgon Project

Operated by Chevron Australia in joint venture with ExxonMobil
Osaka Gas | MidOcean Energy | JERA

GreenTech Hub

“Through the GreenTech Hub, we’re helping innovators connect with industry, investors and regional communities to grow the technologies and create job opportunities that back WA's future,"

Hon Stephen Dawson MLC
WA Minister for Regional Development; Ports; Science and Innovation; Medical Research; Kimberley

About the Hub

GreenTech Hub inspires, mobilises and connects green entrepreneurship in WA.

We support innovation, commercialisation and tech development to catalyse a green, low-carbon future for all.

Our Innovation Challenges bring together industry, government, research, innovators and communities to co-create solutions to real-world challenges in decarbonisation, biodiversity loss and the circular economy.

GreenTech Hub is supported by the WA State Government and Gorgon Joint Venture, and hosted by Curtin University.

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