

## ovide the cheapest, nt source of baseload is for cascaded heat

### use and unect near appreations are scalable and can provide clean power for industrial and domestic applications.

### Competitive advantage

- · International expertise in geothermal energy
- Experience in coordinating geothermal initiatives in Germany, New Zealand and Australia
- Providing innovative solutions for cascaded heat use and direct heat applications
- Enhanced geothermal stimulation strategies for high temperatures
- Novel drilling technologies for hard basement rocks
- Patented technology in desalination, advanced geothermal cooling technology and low temperature geothermal refrigeration

#### Impact

Cheap and abundant baseload power

### Successful outcomes

- Implementation of novel groundwater heat rejection concept for cooling a supercomputer
- Innovative geothermal solutions for developing countries
- Lithium co-production from geothermal brines

### **Capabilities and facilities**

- Advanced rock characterisation laboratory
- High temperature/high pressure triaxial geomechanics testing facilities
- Thermal infrared laboratory

### **Our partners**

- Green Rock Energy Limited
- Geodynamics Limited

# **More Information**

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