



THE UNIVERSITY
of ADELAIDE

Institute For Sustainability,
Energy And Resources

Institute for Sustainability, Energy and Resources (ISER)

DRAFT Strategy

make
history.



Our Commitment to Energy, Resources & Sustainability

- Pursuit of sustainability – the need for new and sustainable options for society and our economy amid the diminishing availability of natural resources.
- Net Zero emissions by 2050.
- Campus Sustainability Plan (*carbon emissions down 18%*)
- Heavy Industry Low Carbon Transition Cooperative Research Centre (CRC) - Green Steel, Aluminium and Cement.
- Future Fuels Cooperative Research Centre (CRC)
- Founding Partner of Carbon Neutral Adelaide
- Scaling Green Hydrogen CRC bid (*under development*)
- Copper for Tomorrow CRC bid (*under development*)
- E-waste (under development)
- Underground hydrogen storage – commitment to decarbonisation research

Pursuit of sustainability

One of the five grand opportunities in our Future Making Strategic Plan 2022 – 2023.



Who we are

ISER is the **brand champion** of University of Adelaide-wide initiatives and **key portal of research capabilities within sustainability, energy and resources**, wherever they may be anchored in our Faculties and Institutes.

ISER co-ordinates the University's [forthcoming] Sustainability Research Strategy and **leads large-scale collaborative research efforts** across our academic ecosystem.



Vision

To be a globally recognised transdisciplinary and collaborative thought leader within the domains of Sustainability, Energy and Resources.

Mission

Building a better future through globally impactful large-scale transdisciplinary and collaborative sustainability research to advance towards Net Zero, anchored in one of the most liveable cities and states in the world.

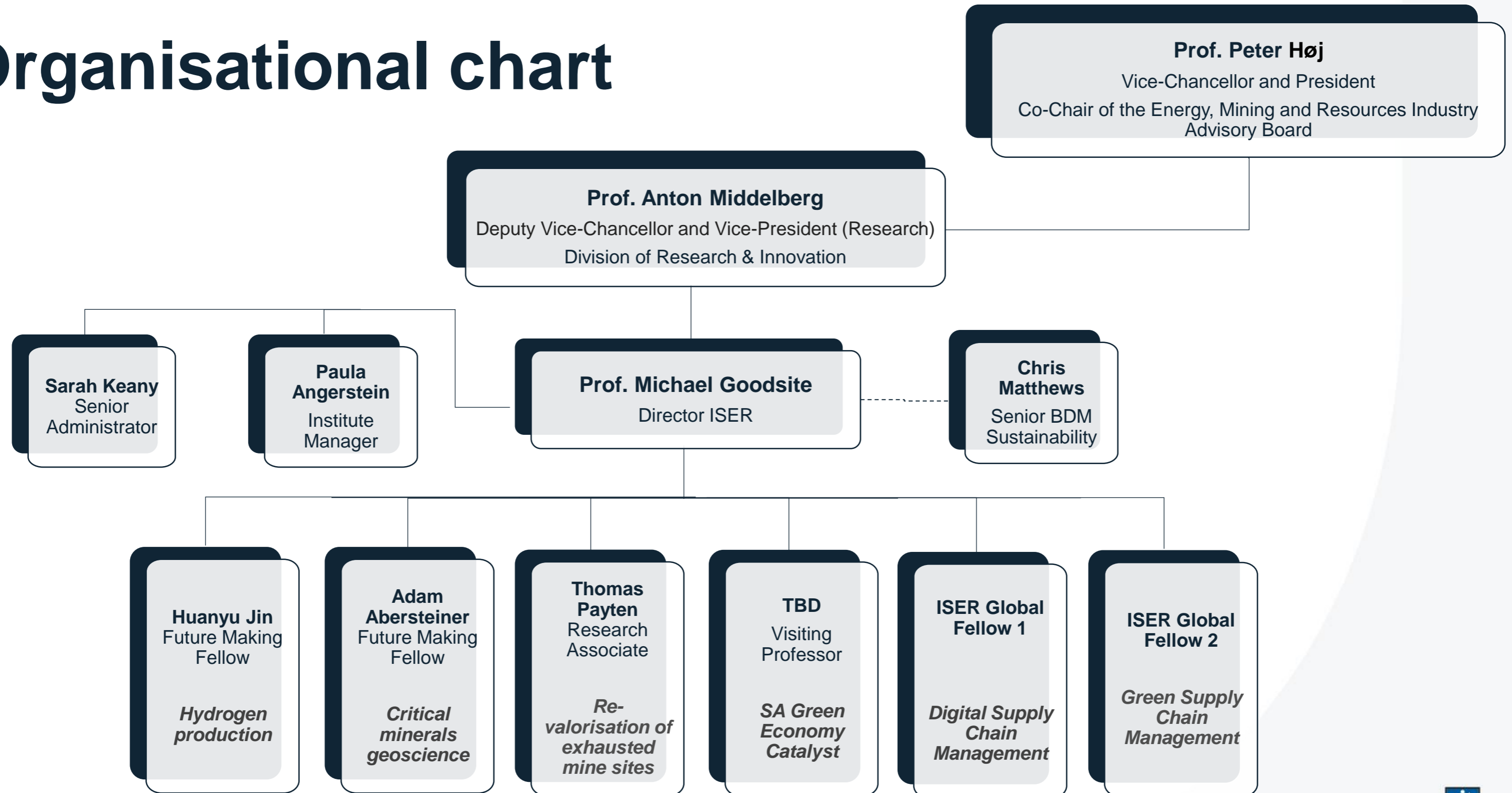
- **Building sovereign capability:** Play a strong role in the creation of new industries and research that advances sovereign capability through enhancing key cognate industry partnerships.
- **Research excellence and discovery:** Deliver and celebrate outstanding performance and exceed the goals of the University Sustainability FAME Strategy. Be the umbrella for the University's highly cited researchers in our sectors and grow a global cohort of highly cited titleholders.
- **Translation:** Translate cutting-edge research into impact through multi-disciplinary collaborations with local and world-leading partners whose focus is on improving UN-Sustainable Development Goals (SDGs).
- **Diversity and inclusion:** Contribute to improve Gender, Equity, Diversity and Inclusion in industry and the University through mentorship and professional development of students, staff and industry leaders.
- **Talent development:** Provide professional and further education for those wanting to hone their knowledge and place emphasis on sustainability credentials and creation of social value.
- **Community engagement:** Committed to support local, state and federal governments to reshape their policies and encourage our partners to join us in the pursuit of our SDGs. Consider a pathway to creating, together with stakeholders, a globally recognised certification for carbon positive industries in our sectors. Actively work to contribute to philanthropy and other advancement efforts at the UoA.

Our Objectives



17 UN Sustainable Development Goals (SDGs), adopted by all United Nations Member States in 2015, provide a shared blueprint for peace and prosperity for people and the planet, now and into the future.

Organisational chart



Note: ISER has committed to supporting Green Industries SA Green Economy Catalyst program and will work to create synergies with the Visiting Professor and Global Fellows

The University of Adelaide

- Consistently ranked in the top 1% of the world's universities
- 66 in US News Best Global Universities Rankings
- 108 in QS World University Rankings
- 111 in Times Higher Education World Rankings
- 133 in Shanghai Academic Ranking of World Universities
- Member of the prestigious Group of Eight (Go8)

Subject Rankings

10 for Petroleum Engineering
2022 World University QsRankings by Subject

19 for Engineering: Mineral & Mining
2022 World University QSRankings by Subject

51-100 for Geology
2022 World University QSRankings by Subject

7 for Mining & Mineral Engineering
Shanghai Global Ranking of Academic Subjects

92 for Engineering
2022 THE World University Rankings by Subject

Contact us

Institute for Sustainability, Energy and Resources (*ISER*)

North Terrace, SA 5005, Australia

W <https://www.adelaide.edu.au/iser/>

T +61 8 8313 1448

iser@adelaide.edu.au

 <https://www.linkedin.com/company/institute-for-sustainability-energy-and-resources-iser/>

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