Resourcing Australia's Prosperity: Unlocking Our Future Critical Mineral Potential

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Australia's abundant geological resources are a cornerstone to the country’s long-term growth, prosperity, and security. By leveraging our competitive advantage and building sovereign capability, the Australian Government is looking to generate the energy, skills, jobs, technology, and investment that will power our future.

Dr Heap’s presentation will provide an overview of the new Resourcing Australia's Prosperity initiative announced in May as part of this year’s Federal Budget and to be led by Geoscience Australia. This $3.4 billion investment over 35 years is designed to position Australia as a global renewable energy leader while striving for net zero emissions by 2050. In delivering this landmark initiative, Geoscience Australia will map the critical minerals and strategic materials, low emissions energy and groundwater resources needed to support our future prosperity.

Andrew will discuss how the suite of geoscience activities at Geoscience Australia are delivering on a range of national priorities and support the outcomes of Resourcing Australia's Prosperity. This includes science and research under the Critical Minerals Research and Development Hub, the international tri-partisan collaboration of the Critical Minerals Mapping Initiative and the recently concluded Exploring for the Future Program.

A focus of the presentation will be on the word-class science, innovative tools, and emerging technologies being developed by Geoscience Australia and how governments, industry, and communities can use them to inform their decision making and investments.