Inspired people creating a premier global gold company

THINKING DIFFERENTLY



SYDNEY MINING CLUB JAKE KLEIN – EXECUTIVE CHAIR

7 December 2023

RISING EMISSIONS

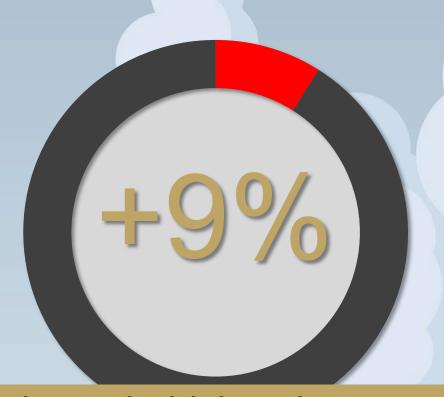


Increasing temperatures

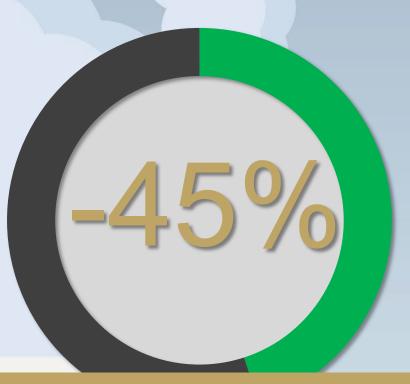


Climate extremes





Increase in global greenhouse gas emissions projected by 2030 based on NDCs, compared to 2010



Reduction in global greenhouse gas emissions needed by 2030, from 2010 levels for <1.5° warming

Unprecedented annual emission cuts are required from now to 2030

Has Australia cleaned up its act on climate? B B C

Australia was the largest emitter of greenhouse gases per head in the G20 in 2021

Greenhouse gas emissions per capita

Australia has raised its climate targets and now needs to accelerate its clean energy transition, says new IEA review

How climate change is making Australians sick, and how government policy is failing

MONASH

Meeting 2030 energy targets close to 'impossible'

Angela Macdonald-Smith and Mark Ludlow

Jul 10, 2023 - 5.00am

FINANCIAL REVIEW

Albanese government to rapidly expand investment scheme for clean energy

Earth was 2 degrees warmer than pre-industrial levels for two days. What does that mean?



ded for Australia to reach its 2030 rate investment slows

ABC Science / By environment reporter Peter de Kruijff

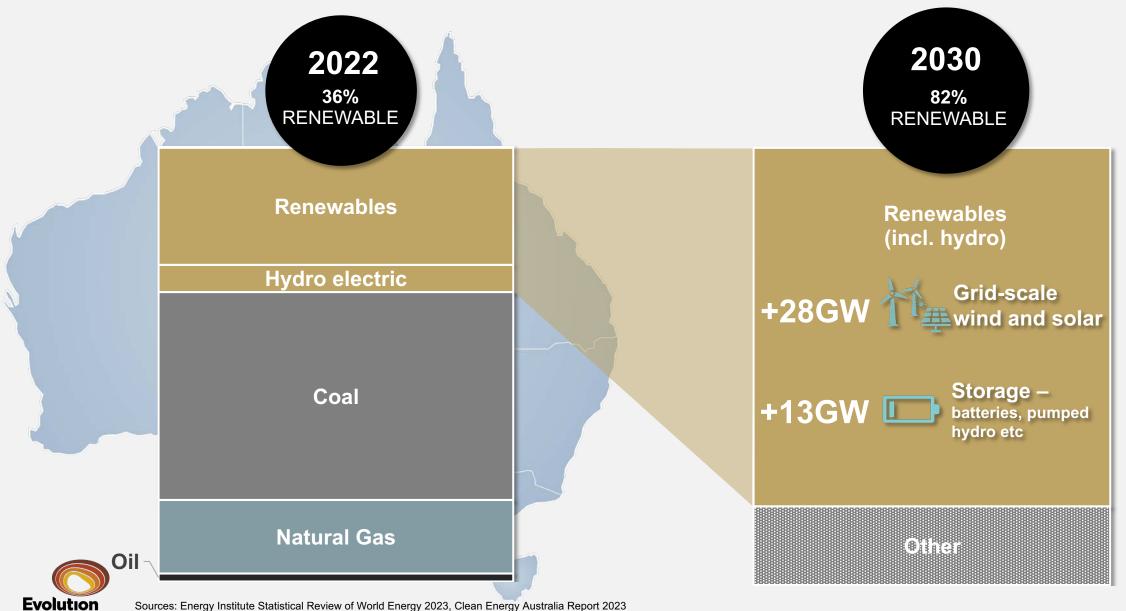
Posted Fri 24 Nov 2023 at 6:00am



Why is pumped hydro the future of renewable energy?

The Canberra Times By Mathew Dickerson

THE FUTURE OF ENERGY IN AUSTRALIA



THE FUTURE OF ENERGY IN AUSTRALIA



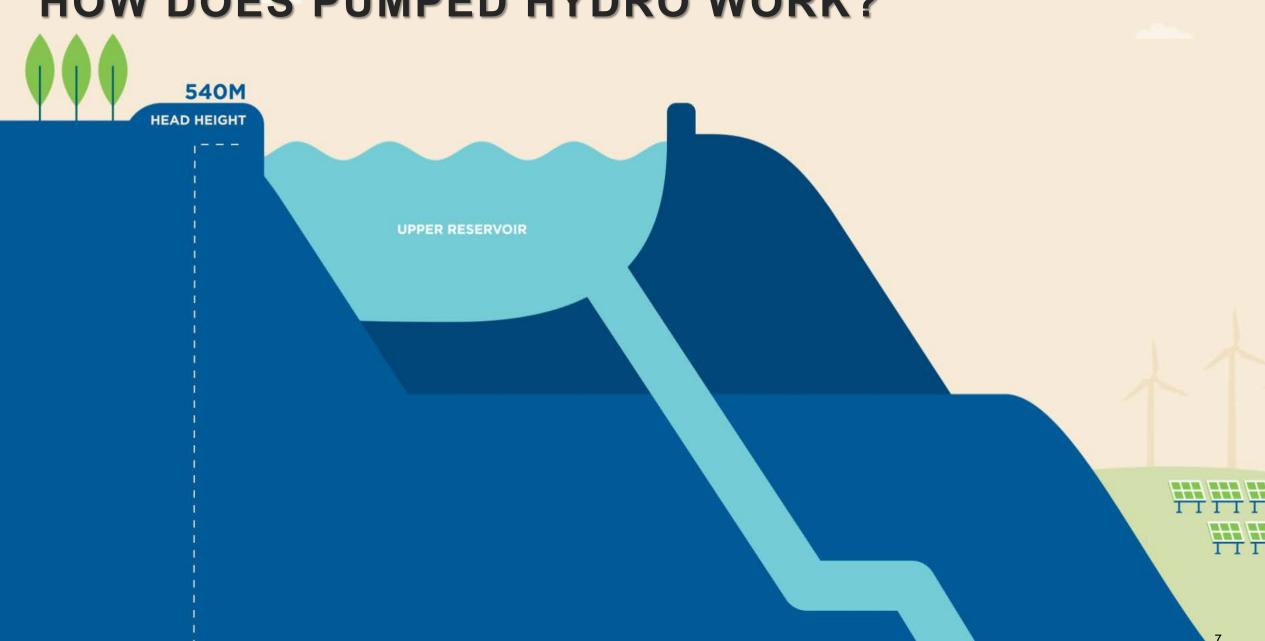
ICA Partners



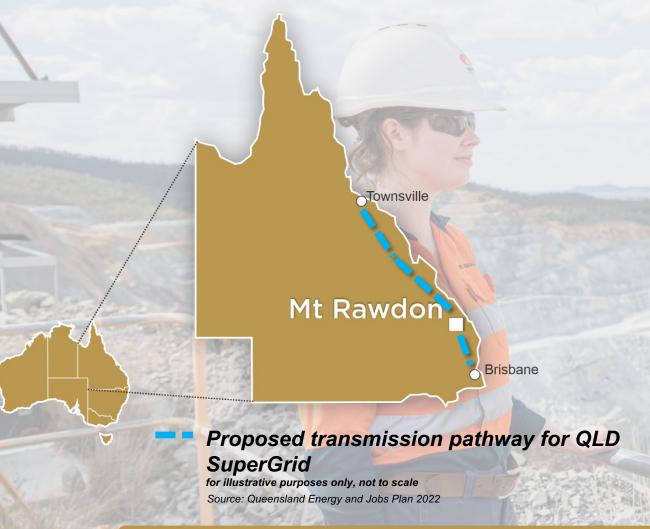
- 2018: ICA Partners identified firming capacity as the most strategic component of transitioning to a renewable grid
- Mt Rawdon most suitable site for pumped hydro¹
 - Topography
 - Location to the national grid
 - Existing infrastructure

National survey conducted by ICA Partners

HOW DOES PUMPED HYDRO WORK?



MT RAWDON PUMPED HYDRO – A STRATEGIC ASSET











Up to 2GW

Up to 10 hours

20,000MWh storage

Showcase for repurposing

- 50 / 50 JV with ICA Partners, an Australian leader in renewables advisory
- Fully permitted mine site¹
- Enviable topography with 550 metre head height²
- Well advanced can be operational by 2030
- Reduction in wholesale electricity prices for QLD³
- Rights to land for upper reservoir already secured
- Borumba: 330m, Kidston: 218m, Snowy 2: 700m, Big T: 260m, Bowen & Pioneer Burdekin: N/A
- Modelling projects ~\$27/MWh reduction in prices between 2028 and 2035, or \$12.9 billion between 2028 and 2050 (ACIL Allen (Economic Impact Assessment))

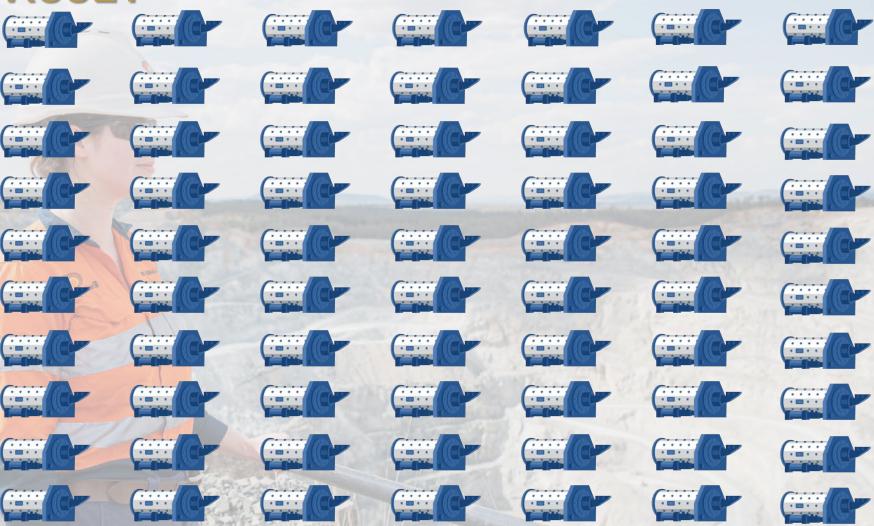


Leading sustainable solutions that support local communities beyond life of mine

MT RAWDON PUMPED HYDRO – A STRATEGIC ASSET



20,000MWh storage could power 70 SAG mills for 24 hours¹



12MW SAG mill



Leading sustainable solutions that support local communities beyond life of mine

RAPIDLY ADVANCING



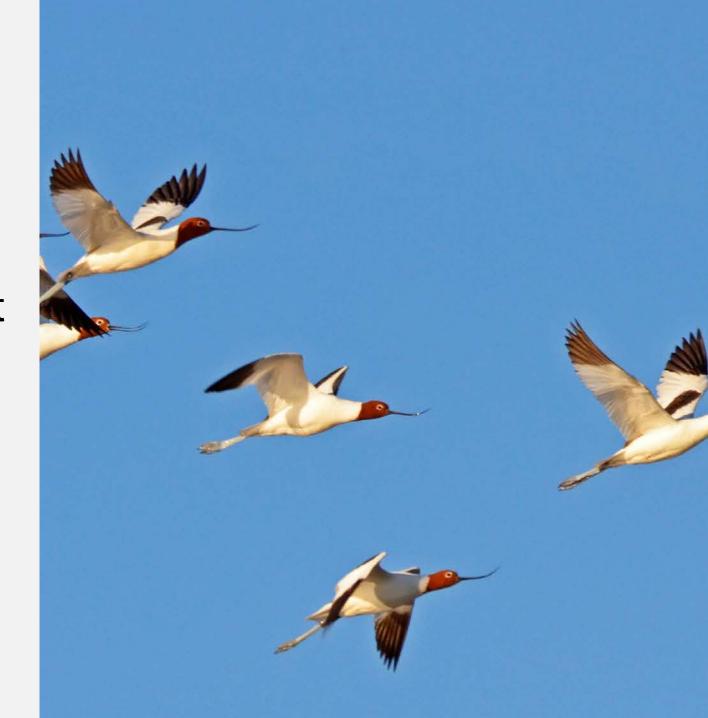
- Feasibility study well advanced
- No fatal flaws
- Commercially robust attractive project
- On track for "project go" in 2024

Progress	Timeline
Co-ordinated project status	October 2022
Geotechnical deep drilling campaign	March 2023
Original equipment manufacturer shortlist	April 2023
Baseline layout finalised	May 2023
Flora and fauna studies	FY23 Q4
Environmental impact study submitted	FY24 Q3
Feasibility study complete	FY24 Q4
Final investment decision	Dec 2024

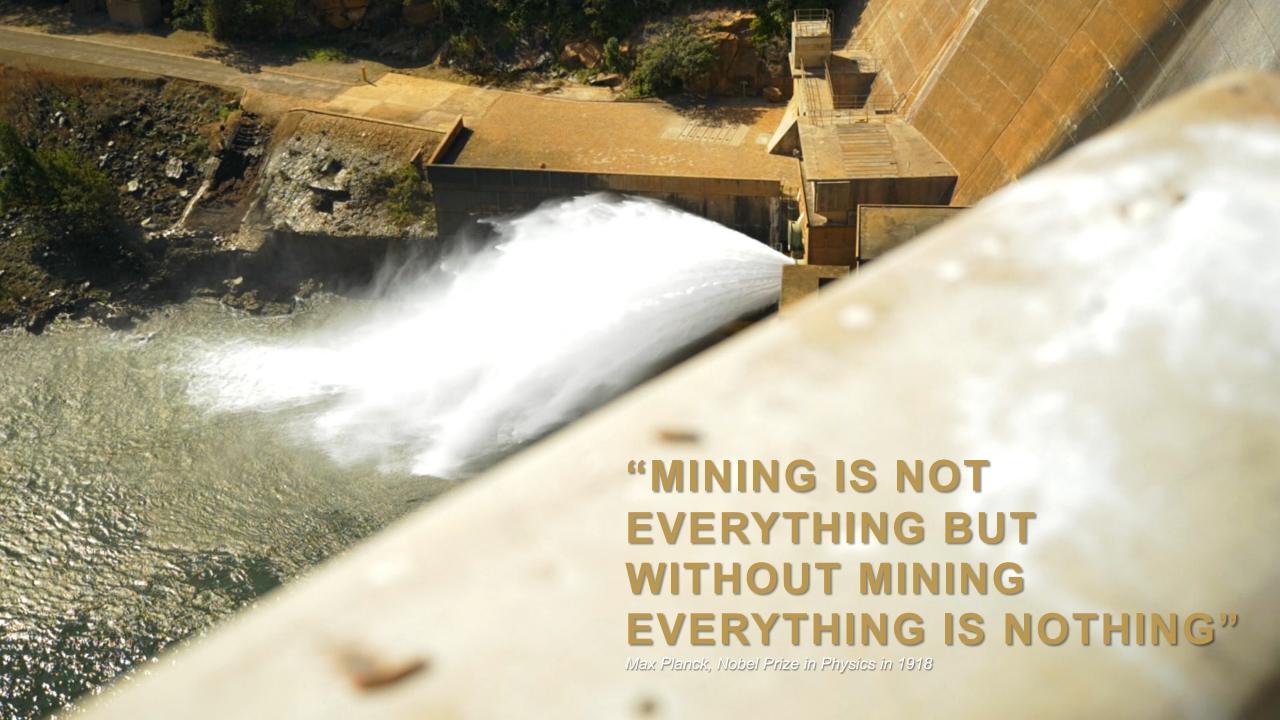


VALUE DRIVERS

- Complete feasibility study
- Secure offtake agreement
- Secure financing
- Maximise value







Evolution Mining