# Our Services For Renewable Energy & Mining



# Our Mining Services

#### **Weather Solutions**

- Total Lightning Network alerting & storm tracking
- Dust dispersion & blast planning
- Continual emissions dispersion system
- 7-day Tropical Cyclone tracking (daily reporting with hourly upgrades)
- Obconnect Weather Stations & WZBOB's (hardware)

#### **Tailored Weather Insights**

- Opticast (now casting and accurate 7 day forecasting)
- Oracle (synthetic radar for coverage outside of BOM coverage)
- Weekly Met briefings & reporting during cyclone season
- Training (dashboard, weather terminology)



### We Solve Problems Across The RE Project Lifecycle

pre-planning

Solar Power Plant

Life-cycle

Exploitation phase

weather data Deconstruction ismantling & needs weather wineering Recycling forecasts Asset planning needs accurate weather data to maximize potential output

Construction needs weather forecasting and storm detection services to reduce risks

and returns

Site selection and

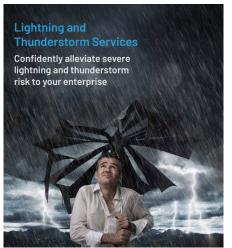
financing needs accurate

Construction

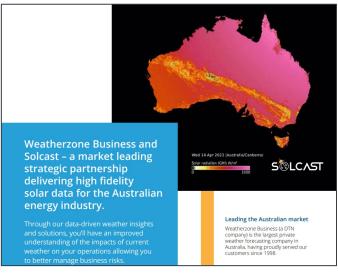
Operations need Operation & Maintenance weather/production forecasting and storm detection services to maximize output and reduce risks

## Our Leading Weather Services For RE

- Historical & real time weather data
- Weather stations & met masts
- Lightning & weather alerts
- Solar Forecasting (our partner Solcast)
- Hub height wind & power generation forecasting
- Climate data for wind turbine lifetime extension







## Thank You

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