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WHAT WE DO

MAC Energy is an 'upstart' with a mission to build a world-class renewables energy investment company renowned for its brand and successful strategies.

MAC is prioritizing lithium as the driver of battery storage and other revolutionary technologies and phasing into other inexhaustible areas of green energy and geothermal as opportunities arise.



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A Report By Tom Dalgeish – Snr Technical Advisor

“My visit to several minerals 'hotspots' in Greenbushes, 300 kilometers south of Perth in Western Australia points to the likelihood of a huge gap emerging between the supply and demand for LITHIUM if rock production remains static”. Lithium (Li) is a soft, white / silver material which is the lightest of all metals and the least dense solid element. Traditionally, it has been used in a wide range of industrial applications including ceramics, lubricants and glass. There are two main mineral sources that produce Lithium.

Brines - Lithium can be produced from brines in the form of Lithium Carbonate. This involves a process whereby the brine is pumped from the sediment basin, concentrated via evaporation and then purified through solvent extraction.

Spodumene – This is a hard rock mineral that mostly occurs in lithium-rich pegmatite (granite-like rock composed of quartz, feldspar and mica). Spodumene is usually recovered through conventional open pit mining methods. Most deposits are located in the south west of Western Australia.

MAC is undertaking analysis of high potential Lithium host rocks (Spodumene) in Western Australia. Senior technical advisor Tom Dalgeish can be seen here examining some Lithium host rocks near Greenbushes, one of primary exploration areas.





This is of major importance to the Shareholders of MACENERGY CORPORATION (MAC) as we zero-in on the Green Energy space to leverage our position in this critical market. Lithium is a strong investment target for MAC, as we see its capability for multiple investment returns.

Sampling of Lithium bearing rock outcrop.



Chairman and founder of MAC Brian McConnell said "Shareholders are very excited over their company's chosen space in Green Energy. Our desire to capture some of the tangibles associated with LITHIUM production, in particular, is in full swing and major Investor Presentations in both Australia and Asia will focus on MAC's exciting plans for Shareholder reward."

IEA Forecasts Massive Growth In EVs

The International Energy Agency (IEA) is forecasting over 40-million battery electric vehicle sales per year. YES 40-million! by 2050. Contrasting with the current 150,000 units. An astonishing leap in numbers. It is also interesting to note that the recent focus of the UK Energy Research Centre and the Energy Research Partnership is on the importance of both LITHIUM and rare earth element neodymium, both of them critical elements to the production of electric cars.

Beyond Electric Vehicle Batteries their study also zeroes-in on other rare minerals such as Photovoltaic for solar, hydrogen for fuel cells, wind turbines among others, suggesting that supply may be at a tipping point. .

In fact, International Energy Agency Executive Director Fatih Birol said in 2015, "Renewables are poised to seize the crucial top spot in global power supply growth". Within four years, more than a quarter of all the world's electricity will be provided by renewables like wind and solar power.



Others like Secretary of State John Kerry have pointed to the enormous opportunities open to businesses prepared to invest in green technology during his speech to the UN conference on climate change taking place in Paris. "Secretary of State Kerry says that \$17-trillion will be spent globally on energy technology during the next 15 years--the vast majority on clean energy with businesses rather than governments being the drivers of climate change.

MAC is perfectly positioned for our Investors to ride the looming tidal wave of energy renewables.

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