Global changes coming in the rare earths and critical materials supply chain and EV manufacturing

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In this InvestorIntel PDAC 2022 Panel on "Building the Rare Earths and Critical Materials' Supply Chain to Meet EV Market Demand", host Byron W King is joined by "all star" guests Ucore Rare Metals Inc.'s (TSXV: UCU | OTCQX: UURAF) Chairman and CEO Pat Ryan, Vital Metals Limited's (ASX: VML | OTCQB: VTMXF) Managing Director Geoff Atkins, Stormcrow Capital Ltd.'s President and Director Dr. Jonathan Hykawy, and Boyd Davis, Principal of Kingston Process Metallurgy Inc..

In the video, which can also be viewed in full on the InvestorIntel YouTube channel (click here), the panel discusses the race to supply North American rare earths needs and limitations on domestic production. Boyd Davis observes that over the next 10 to 12 years, "how much we want to get away from China will be dictated by the cost and supply security and the ability to get raw materials." Dr. Jonathan Hykawy discusses China's own domestic supply issues and how it imports lithium and heavy mineral sands for processing. Geoff Atkins also points out the risk of sole-suppliers with EV and other rare earths reliant manufacturers "needing a diversified supply chain and assessing their risks on single point of failure." Regardless, he says EV manufacturing represents a shift from basic commodities to high technology materials. He and Pat Ryan of Vital Minerals agree that both North America and China will become increasingly reliant on automation to counter rising labor costs.

The panel also discusses whether critical materials mining permitting and processing is likely to be fast-tracked in future to meet industry demand, and whether there will be more vertical integration by EV manufacturers.

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Ucore is focused on rare- and critical-metals resources, extraction, beneficiation, and separation technologies with the potential for production, growth, and scalability. Ucore has a 100% ownership stake in the Bokan-Dotson Ridge Rare Earth Element Project in Southeast Alaska, USA. Ucore's vision and plan is to become a leading advanced technology company, providing best-in-class metal separation products and services to the mining and mineral extraction industry.

Through strategic partnerships, Ucore's vision includes disrupting the People's Republic of China's control of the US REE supply chain through the development of a heavy and light rare-earth processing facility – the Alaska Strategic Metals Complex in Southeast Alaska and the long-term development of Ucore's heavy-rare-earth-element mineral-resource property located at Bokan Mountain on Prince of Wales Island, Alaska.

To learn more about Ucore Rare Metals Inc., click here

About Vital Metals Limited

Vital Metals Limited (ASX: VML) is Canada's first rare earths producer following commencement of production at its Nechalacho rare earths project in Canada in June 2021. It holds a portfolio of rare earths, technology metals and gold projects located in Canada, Africa and Germany.

To know more about Vital Metals Limited, click here

About Stormcrow Capital Ltd.

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About Kingston Process Metallurgy Inc.

Kingston Process Metallurgy Inc. is a privately owned Canadian company located in Kingston, Ontario. Our interdisciplinary team includes engineers, scientists, chemists, technicians, and modellers, led by co-owners Boyd Davis and Alain Roy. Our clients include large multi-national mining and metallurgical companies, as well as companies specialized in industrial chemistry, advanced materials, and energy.

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