Scandium Canada advances strategic plan for commercialization of proprietary alloys

written by Raj Shah | November 6, 2025

November 6, 2025 (Source) – Scandium Canada Ltd. (TSX-V: SCD) is pleased to update shareholders on the commercialization efforts of its patent-pending Aluminum-Scandium alloys through its division, Scandium+.

The company has entered into a Memorandum of Understanding (MOU) with Gränges Powder Metallurgy (GPM), a global supplier of sprayformed aluminum products and aluminum powders for additive manufacturing, specializing in high-performance aluminum alloys. Under this MOU, Scandium Canada and GPM will explore integrating Scandium Canada's proprietary scandium-modified AA535 and AA7075 alloys into GPM's product offering.

"Scandium Canada's proprietary alloys directly address the critical need for printable, high-strength, and lightweight metals in sectors such as aerospace, automotive, and advanced manufacturing. This advancement is expected to accelerate the adoption of lightweight structures in critical applications, supporting global efforts toward sustainability, energy efficiency, and improved engineering design. The GPM MOU is testimony to our efforts to cooperate at different levels of the scandium value chain to accelerate the uptake of our alloys," commented Dr. Luc Duchesne, Head of *Scandium*+ division and Chief Science Officer.

The Company has also received Productique Quebec's report on

their analysis of the best-case uses of its patent-pending Aluminum-Scandium alloys. Considering the main attributes of Scandium Canada's Al-Sc powders –namely, reduced scandium content, a broad processing window, suitable mechanical properties, and minimized defect density –the Productique study identified 13 target alloy applications for specific industrial users, including welding wires, aircraft ducting, and heat exchangers. Each of the thirteen applications is attached to particular commercial stakeholders that could benefit from Scandium Canada's alloys. Building on the report's findings, Scandium Canada is expanding its outreach to industrial end-users across key market segments. These efforts represent a significant step in translating the company's technical advancements into real-world commercial adoption.

Mr. Guy Bourassa, CEO of Scandium Canada, stated: "Productique Québec's work provided a strong validation of the commercial potential of our alloys. We are encouraged that their technical assessment not only confirmed the applicability of our alloys based on their demonstrated laboratory properties, but also identified new and promising uses that extend beyond our initial scope."

In addition, Scandium Canada has secured in-kind support from Canada's Industrial Research Assistance Program (IRAP) to collaborate with experts from the Additive Manufacturing Division of the National Research Council of Canada (NRC). This partnership will focus on identifying new commercial applications and pathways for the company's innovative alloys.

Filing of a new international patent application

Scandium Canada's two proprietary alloys and their method of fabrication were developed and tested in collaboration with McMaster University and are protected by a newly filed

international patent application under the Patent Cooperation Treaty (PCT), filed on September 17, 2025. Wholly owned by Scandium Canada Ltd., this intellectual property strengthens the company’s growing patent portfolio and strategically positions it for global commercial applications.

ABOUT Gränges Powder Metallurgy

Gränges Powder Metallurgy (GPM) is a global supplier of sprayformed aluminium products and aluminium powders for additive manufacturing, specialized in high-performance aluminium alloys. GPM has atomization capacity in France and it is a wholly owned subsidiary of the global aluminium technology Gränges.

ABOUT SCANDIUM+

Scandium+ is dedicated to the research, development, and commercialization of innovative scandium uses. We strive to unlock the full potential of scandium through strategic partnerships, cutting-edge technology, and a commitment to responsible stewardship, leading progress across multiple sectors.

ABOUT SCANDIUM CANADA LTD.

Scandium Canada (TSX-V: SCD) is a public company whose ultimate goal is to bring the world’s leading primary source of scandium into production, enabling the development and commercialization of aluminum-scandium (Al-Sc) alloys. The Corporation is leveraging its Al-Sc alloy development division and the development of its Crater Lake mining project to meet the growing need for lighter, greener, longer-lasting, high-performance materials. The Corporation aims to become a market leader in scandium, while committing itself to building a more responsible economy through innovation and agility.

FORWARD-LOOKING STATEMENTS

All statements, other than statements of historical fact, contained in this press release including, without limitation, statements reporting the results of tests of Scandium Canada's Al-Sc alloys, their main attributes and resulting advantages, the protection provided by the filing of an international patent application, the short term potential commercial opportunities and, generally, the above "About Scandium Canada Ltd." paragraph which essentially described the Corporation's outlook, constitute "forward-looking information" or "forward-looking statements" within the meaning of applicable securities laws, and are based on expectations, estimates and projections as of the time of this press release. Forward-looking statements are necessarily based upon a number of estimates and assumptions that, while considered reasonable by the Corporation as of the time of such statements, are inherently subject to significant business, economic and competitive uncertainties, and contingencies. These estimates and assumption may prove to be incorrect. Many of these uncertainties and contingencies can directly or indirectly affect, and could cause, actual results to differ materially from those expressed or implied in any forward-looking statements and future events, could differ materially from those anticipated in such statements. A description of assumptions used to develop such forward-looking information and a description of risk factors that may cause actual results to differ materially from forward-looking information can be found in the Corporation's disclosure documents on the SEDAR+ website at www.sedarplus.ca. By their very nature, forward-looking statements involve inherent risks and uncertainties, both general and specific, and risks exist that estimates, forecasts, projections and other forward-looking statements will not be achieved or that assumptions do not reflect future experience. Forward-looking statements are

provided for the purpose of providing information about management's endeavors to develop the Crater Lake project, and, more generally, its expectations and plans relating to the future. Readers are cautioned not to place undue reliance on these forward-looking statements as a number of important risk factors and future events could cause the actual outcomes to differ materially from the beliefs, plans, objectives, expectations, anticipations, estimates, assumptions and intentions expressed in such forward-looking statements. All of the forward-looking statements made in this press release are qualified by these cautionary statements and those made in our other filings with the securities regulators of Canada. The Corporation disclaims any intention or obligation to update or revise any forward-looking statement or to explain any material difference between subsequent actual events and such forward-looking statements, except to the extent required by applicable law. Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

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