

# Scandium Canada and ALPOMET Establish Collaboration Framework to Develop Scandium-Based Advanced Materials

written by Raj Shah | May 19, 2026

May 19, 2026 ([Source](#)) – Scandium Canada Ltd. (TSX-V: SCD) (the “Company”) is pleased to announce that it has signed an agreement with Alpomet Mühendislik Danışmanlık Yazılım İmalat San. ve Tic. Ltd. (“ALPOMET”), a Turkish advanced materials engineering company, establishing the framework for a strategic collaboration on specialty scandium-based alloys in multiple applications, including hydrogen technologies.

The collaboration brings together the Company’s downstream Scandium+ capabilities in aluminum-scandium (Al-Sc) alloys and ALPOMET’s expertise in advanced materials engineering. Under the agreement, the parties intend to evaluate joint research and development activities across several areas, including:

- Metal powder production through gas and ultrasonic atomization technologies;
- Al-Sc alloys design supported by Integrated Computational Materials Engineering (ICME);
- Additive manufacturing (3D printing) and advanced production processes;
- Hydrogen storage and hydrogen-related material applications;
- Material characterization and the development of comprehensive technical data sheets.

“This collaboration reflects the growing international interest in a secure scandium supply and in the advanced materials it makes possible,” said **Guy Bourassa, Chief Executive Officer of Scandium Canada**. “Working alongside a capable engineering team with access to European end users is another step in building the network of partners that a young and promising scandium market needs.”

“The value of this collaboration lies in the complementarity of capabilities,” said **Luc Duchesne, Ph.D., Chief Science Officer of Scandium Canada and Head of Scandium+**. “Combining computational alloy design, powder atomization and rigorous material characterization adds capability to validate Al-Sc alloys for demanding industrial applications.”

“ALPOMET and Scandium Canada bring together complementary strengths in advanced materials, additive manufacturing and hydrogen technologies,” said **Yağız Akyıldız, Co-Founder and General Manager of ALPOMET**. “We see this collaboration as a structured framework for shaping the engineering materials of the future, and we look forward to building it step by step with the Scandium Canada team.”

For Al-Sc alloys to reach their potential in laser powder bed fusion (L-PBF), they must be converted into high-quality and cost-effective metal powders. ALPOMET brings demonstrated experience in ICME-based alloy design and in powder production through gas and ultrasonic atomization, including work on high-strength aluminum alloys for additive manufacturing supported by the pan-European Eureka network. These capabilities complement the alloy development work carried out by the Company’s Scandium+ division. This new collaboration is intended to provide Scandium+ with an alloy formulation and production alternative for the qualification of metal powders.

These workstreams target high-value applications where Al-Sc alloys offer a decisive advantage, including aerospace structural components and electric motor systems, where reduced weight combined with increased strength is a key performance driver.

The agreement establishes confidentiality terms between the parties and provides a basis to explore the collaboration described above. Based in Kocaeli, Türkiye, ALPOMET adds to Scandium Canada's European collaboration network.

### **ABOUT ALPOMET**

ALPOMET is a Turkish advanced materials engineering and R&D company based in Kocaeli, Türkiye. Its expertise spans Integrated Computational Materials Engineering (ICME), alloy development, powder metallurgy (including gas and ultrasonic atomization), additive manufacturing and material characterization. ALPOMET has been selected in two consecutive editions of the pan-European Eureka network Lightweighting Call (2024 and 2025) for projects developing high-strength aluminum alloys for additive manufacturing, working within international consortia that include partners in Germany and Poland. The company conducts national and international R&D projects across the aviation, space, automotive, defense, energy and mining sectors, and works extensively through university and industry collaborations.

### **ABOUT SCANDIUM+**

Scandium+, a division of Scandium Canada, 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 Company is leveraging its Al-Sc alloys 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 Company aims to become a market leader in scandium, while committing itself to building a more responsible economy through innovation and agility.

## **FORWARD-LOOKING STATEMENTS**

*The information contained herein contains "forward-looking information" within the meaning of applicable Canadian securities legislation, including statements regarding the anticipated scope and benefits of the collaboration with ALPOMET, the development of Al-Sc alloys and metal powders, and the positioning of the Scandium+ division. These statements are based on current expectations and assumptions and are subject to known and unknown risks and uncertainties that could cause actual results to differ materially from those expressed or implied. The agreement described herein does not constitute a binding commitment to any commercial transaction, joint venture or definitive agreement, and there can be no assurance that the collaboration will result in any such agreement. The Company undertakes no obligation to update forward-looking statements except as required by applicable law.*

*Forward-looking statements are necessarily based upon a number of estimates and assumptions that, while considered reasonable by the Company as of the time of such statements, are inherently subject to significant business, economic and competitive*

uncertainties, and contingencies. These estimates and assumptions 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 Company's disclosure documents on the SEDAR+ website at [www.sedarplus.ca](http://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 Company 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.***

**For additional information, please contact :**

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