

Paper Authored By President of Nevada Clean Magnesium Published By the Minerals, Metals And Materials Society (TMS)

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Presented at TMS 2013 142nd Annual Meeting and Exhibit,
White Paper Defines and Quantifies Proven Technologies Expected to Reduce
Cost and CO2 Emissions of Company's Proposed Tami-Mosi Magnesium Project

VANCOUVER, BRITISH COLUMBIA - (Accesswire) - June 17, 2013 - [Nevada Clean Magnesium, Inc.](#) (TSXV: NVM; Frankfurt-M1V; OTC Pink Sheets: MLYFF) ("NevadaCMI" or the "Company"), a junior mining company actively engaged in developing its 100%-owned Tami-Mosi Magnesium Project in North Central Nevada, today announced that The Minerals, Metals and Materials Society (TMS) has published a white paper authored by the Company's President, James Sever.

In the white paper, titled "Waste Heat Recovery Opportunities in a Magnesium Silicothermic Reduction Plant," Sever defines and quantifies potential reductions to operating costs and carbon dioxide emissions through energy production, whereby low grade waste heat is recovered during the operation of the proposed vertically integrated Tami-Mosi Magnesium project. TMS is a rare professional organization that encompasses the entire range of materials and engineering, from minerals processing and primary metals production to basic research and the advanced applications of materials.

The peer reviewed publication was presented as part of the TMS 2013 142nd Annual Meeting & Exhibition held at the Henry B. Gonzalez Convention Center in San Antonio, Texas on March 3-7, 2013. The TMS Annual Meeting & Exhibition is a must-attend global forum that attracts more than 4,000 materials science and engineering professionals for an outstanding exchange of technical knowledge that leads to solutions in the workplace and in society.

Proven technologies Sever addressed in his paper include the Organic Rankine Cycle (ORC) for heat recovery and the self-cleaning heat exchangers used in the dirty air stream, which have been in operation for over 30 years within the petroleum and ferrosilicon industries. Adaptation of this technology within the Tami-Mosi Magnesium Project is expected to provide the following results:

- Generate 43 MW of electrical energy for use in the Tami-Mosi project;
- Reduce operating costs by \$0.17 per lb. Mg ingot; and
- Reduce the carbon footprint by 51 metric ton per hour of operation.

Potential ancillary benefits identified include:

- Generation of water as a co-product will eliminate the need for external water for plant operation;
- Plant productivity improvement through double operating cycles without incurring additional capital need for expansion of the power plant; and
- Facilitation of permitting of the plant and operations.

Sever's accepted presentation was one of the eleven items listed in the "Opportunities Paper for Potential Areas of Improvement for the Tami-Mosi Magnesium Project," previously announced Nov 15, 2011.

Waste heat recovery, together with confirmation of the Project's two cycles per day (as presented at the 2012 Institute of Management Accountants (IMA) conference by The RIMA Group), are just two of the items from the opportunities document that could potentially reduce operating costs and increase revenues from the Tami-Mosi Project, and position it to become a globally competitive Magnesium production facility within the United States. The RIMA Group is a leader in the production and marketing of silicon-based alloys in Brazil and the only primary magnesium producer in the Southern Hemisphere.

The approach to providing realistic, yet conservative, economic considerations to Tami-Mosi is consistent

with NevadaCMI's commitment to complying with best industry practices in the design, planning and budgeting of a state-of-the-art, benchmark facility with potential to produce high grade Magnesium at zero waste, and near zero emissions.

All scientific and technical disclosures in this press release have been prepared under the supervision of James Sever, P. Eng., an employee of NevadaCMI, who is a Qualified Person within the meaning of National Instrument 43-101.

About Nevada Clean Magnesium, Inc.

[Nevada Clean Magnesium](#) is focused on becoming a major U.S. producer and distributor of primary, high grade, low cost magnesium extracted from its 100% owned Tami-Mosi property located in North Central Nevada. Based on the Company's NI 43-101 Preliminary Economic Assessment Report published in late 2011, the Tami-Mosi Project has an inferred estimated 111 billion pounds of primary magnesium contained within a high purity dolomite block within the Project site covering over 1600 acres. For more information, please visit www.nevadacmi.com.

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