

# Dundee Sustainable Technologies Inc.

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## NEWS RELEASE

### **Dundee Sustainable Technologies Commences Collaboration Agreement with EcoMetales**

MONTREAL, QUEBEC, April 14, 2016 – Dundee Sustainable Technologies Inc. (“DST” or the “Corporation”) (CSE: DST) is proud to announce that EcoMetales Limited (“EcoMetales”, a 100% Codelco subsidiary) has selected DST, amongst other companies, to test the DST technology in order to go ahead with a collaboration agreement (*as mentioned in, and referring to, DST press release dated September 15<sup>th</sup>, 2015*) and process residues that contain sulphides species/elements as flue dusts (the “Flue Dusts”) produced by Chilean operations, using DST’s proprietary Technology.

DST received one Tonne of Flue Dusts from EcoMetales, in March 2016, to be used for the testing program. This program is to demonstrate that Flue Dusts can be successfully treated, to recover the metallic units contained as sulphide in the Flue Dusts and to stabilize the arsenic using DST’s vitrification technology as a complement to EcoMetales Technology (scorodite).

Flue Dusts from roasters are produced through copper concentrates roasting. During the process, most of the arsenic is volatilised and reports in the Flue Dusts as arsenic trioxide sulphide along with finely divided metal or metallic compounds.

This program is part of a phased approach established between DST and EcoMetales with the objective of implementing a processing facility, utilizing DST’s patented technology, in Chile, given that the results are positive, suitable and convenient with others that EcoMetales is studying.

### **About EcoMetales Limited, a Chilean state-owned company**

EcoMetales Limited is a wholly owned subsidiary of Codelco Technologies Ltd, providing environmental solutions and metal recovery processes for the mining industry. The company was founded in 2001 to contribute to resolving the problems created by the disposal of mining waste. Using applied research, EcoMetales creates innovative and environmentally sustainable solutions.

With facilities in northern Chile, which are the major industrial plants worldwide to treat and transform arsenic to scorodite, (technology patented by EcoMetales), EcoMetales currently processes residues from Codelco’s Divisions, recovering value and transforming the arsenic as scorodite and disposing at their own landfill.

### **About Dundee Sustainable Technologies, a company controlled by Dundee Corporation**

The Corporation is engaged in the development of environment-friendly technologies for the treatment of materials in the mining industry. Through the development of patented, proprietary processes, DST extracts precious and base metals from ores, concentrates and tailing, while stabilizing contaminants such as arsenic, which could not otherwise be extracted or stabilized with conventional processes because of metallurgical issues or environmental considerations.

At present, DST most advanced proprietary processes are associated to the extraction of precious metals using a chlorination process which provides a cyanide-free alternative for the exploitation of gold deposits. The primary benefits of this innovative technology are shorter processing times, a closed-loop operation eliminating the need for costly tailings pond, and a reduced environmental footprint related to the inert and stable characteristics of the cyanide free tailings.

The chlorination process developed by DST is a recognized “green technology” for which it was awarded a \$5 million grant by the Government of Canada for the construction and operation of a demonstration plant. The plant will serve as a demonstration platform for the chlorination process on an industrial scale and under continuous operating conditions.

In addition to this chlorination process, DST completed the construction of a pilot plant designed to demonstrate its arsenic stabilization process which is designed for the sequestration of arsenic in a stable glass form. This process is becoming an attractive technique to segregate the arsenic and is therefore opening opportunities for materials considered to contain too much of this toxic material to be exploited or stabilized using conventional approaches.

DST has filed, published and was granted patents for these processes in several countries.

**Dundee Sustainable Technologies Inc.**

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Forward-looking statements are based on the expectations and opinions of the Corporation's management on the date the statements are made. The assumptions used in the preparation of such statements, although considered reasonable at the time of preparation, may prove to be imprecise and, as such, undue reliance should not be placed on forward-looking statements. The Corporation expressly disclaims any intention or obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise, except as required by applicable law.

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