# **Dundee Sustainable Technologies Inc.**

#### **NEWS RELEASE**

# **Dundee Sustainable Technologies: Patent Granted and Notice of Allowance**

**MONTREAL, QUEBEC, April 23, 2015** – Dundee Sustainable Technologies Inc. ("DST" or the "Corporation") (CSE: DST) is pleased to announce that the United States Patent and Trademark Office has granted DST a patent (number US 8,998,790) for the stabilization of arsenic in a stable glass form and has issued a notice of allowance for DST patent application (number 13/418,863) pertaining to gold extraction with halogens, using hypohalites.

#### A method for the sequestration of arsenic

This method uses chemicals at a lower cost to produce a more stable product than current industrial practices. DST has filed patent applications for this method in several countries. This approach to stabilize arsenic is becoming an attractive technique to segregate the toxic material and is therefore opening opportunities for deposits or concentrates considered to contain too much arsenic to be exploited using conventional approaches. DST has the exclusivity for the use of the technology until 2033.

# A method and a system for gold extraction with halogens

This patent is related to a simplified recycling process of the halogens and their re-introduction in the process loop. The same patent has already been granted in Canada and applications are pending in several Latin America countries. DST has the exclusivity for the use of the technology until 2032. This patent is part of a group of four different patents/applications covering all aspects of the gold extraction and recovery technology.

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

DST is engaged in the development of technologies for the treatment of refractory ores containing sulfides and arsenic. Dundee Technologies has developed proprietary hydrometallurgical processes, and owns the related patents, for the extraction of precious and base metals from ores, concentrates and tailings, which cannot be extracted with conventional processes because of metallurgical issues or environmental considerations.

DST's patented approach provides a cyanide-free process to allow the exploitation of gold and other deposits that would otherwise face metallurgical issues with conventional methods. The primary benefits of the innovative technology are shorter processing times, a closed-loop operation eliminating the need for costly tailings pond, reduced environmental footprint related to inert and stable characteristics of the tailings, and lesser emissions due to lower energy consumption.

The process developed by DST is a recognized "green technology" for which it was awarded a \$5.7 million grant towards the construction of a \$25 million demonstration plant. The completed commissioning of the demonstration plant is scheduled for the second quarter of 2015. With a capacity of 15 tonnes per day, the demonstration plant will serve as a proof of concept for the chlorination extraction technology on an industrial scale and under continuous operating conditions.

DST has tested several different gold deposits, both oxide and sulfide ores at the lab level and at its pilot plant. These tests have, consistently achieved gold recoveries in excess of 90%, using chlorination instead of cyanide.

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FORWARD LOOKING STATEMENTS: This press release contains forward-looking statements that address future events and conditions, which are subject to various risks and uncertainties. Actual results could differ materially from those anticipated in such forward-looking statements as a result of numerous factors, some of which may be beyond the Corporation's control. These factors include: results of exploration activities, general market and industry conditions, and other risks disclosed in the Corporation's filings with Canadian Securities Regulators.

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. Depending on exploration results and available financing, the Corporation may at any point modify its work program.

The Canadian Securities Exchange has in no way passed upon the merits of the proposed transaction and has neither approved nor disapproved the contents of this press release.