# **Dundee Sustainable Technologies Inc.**

#### **NEWS RELEASE**

# **Dundee Sustainable Technologies Provides Update on the Commissioning of its Demonstration Plant**

MONTREAL, QUEBEC, June 22, 2015 – Dundee Sustainable Technologies Inc. ("**DST**") (CSE: DST) is pleased to announce that it has successfully achieved the oxidation of a gold concentrate with a sulfur removal at the level of 99.7%. Moreover, the removed sulfur was transformed into sulfuric acid with an efficiency higher than 99.9%. This operation was performed as part of the on-going commissioning phase of its industrial scale demonstration plant (the Demonstration Plant") as previously announced on June 8th. The following table presents a summary of the results that were obtained.

	Gold*	Copper*	Sulfur	Sulfur Removal
Concentrate	5.4 g/T	0.8%	49.5%	-
Calcine	6.2 g/T	0.9%	0.15%	99.7%

<sup>\*</sup>Variations in metals concentrations are a consequence of weight losses during oxidation

The oxidation of the concentrate is a critical step in the treatment of the concentrate prior to the gold and copper extraction. These results were obtained on a gold/copper sulphide concentrate that was received from Bulgaria, a region where cyanide has been banned. In addition, this material will allow DST to demonstrate the suitability of its process to extract gold in the presence of copper, a known issue for cyanidation at this concentration of copper.

"This first results obtained from the operation of our newly built Demonstration Plant are outstanding. The targeted value of 1% residual sulphide in the oxidation product ("calcine") was exceeded on the first attempt, while keeping full control over the gases. Our level of confidence remains high for the commissioning of the other sectors of the plant within schedule", stated John W. Mercer, President and CEO of DST.

The commissioning phase of the Demonstration Plant is expected to be completed in a matter of weeks and will be followed by the operation of the plant on the Bulgarian material that should be completed during the fourth quarter of the year. DST is also currently negotiating the purchase of high grade gold concentrates to be processed following the completion of the demonstration phase on the Bulgarian material.

### 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 and operation 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 of concentrate, 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.

## **Dundee Sustainable Technologies Inc.**

John W. Mercer President and CEO

Tel: (514) 866-6001 # 239 Fax: (514) 866-6193

info@dundeetechnologies.com

#### 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: general market and industry conditions, risks related to continuous operations and to commercialization of a new technology 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.

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.