

# Dundee Sustainable Technologies Inc.

---

## NEWS RELEASE

### DST Announces Arsenic Plant Update

MONTREAL, QUEBEC, March 26, 2019 – Dundee Sustainable Technologies Inc. (“DST or the Corporation”) (CSE: DST) is pleased to provide an update on its industrial scale plant (the “Plant”) using DST’s proprietary arsenic stabilization technology (the “DST Technology”).

Following the delivery and reassembly of the Plant at the customer’s metals processing facility, the Corporation is pleased to announce that the hot commissioning has been successfully completed. Management confirms that approximately three tonnes of arsenic-bearing material have been converted into briquettes and processed through the batch plant and that two tonnes of glass has been produced with an estimated arsenic content of 5%. Testing of the glass for disposal safety will be completed in the coming weeks.

The next phase will be an extended operations campaign of up to twelve months in order to produce eight tonnes of arsenical glass per day on a continuous mode to demonstrate the robustness of the process under varying feed conditions. The goal is for the DST Technology to safely sequester the arsenic in the glass at an arsenic concentration of up to 20% while meeting or exceeding the USEPA Toxicity Characteristic Leaching Protocol.

Mr. Brian Howlett, the President and CEO commented, “This operation of this Plant is a milestone achievement for the Corporation and will allow us to begin to commercialize our arsenic process in earnest. The Corporation has numerous commercial opportunities under discussion and the hot commissioning of the Plant should accelerate contractual arrangements. Management is proud to display a short video of the Plant in operation at [the first pour of arsenical glass.](#)”

As reported before, the objective of the project is to confirm, at the industrial scale, the amenability of the DST Technology for the treatment of flue dusts produced by the facility. During the operation campaign data will be collected and a study will be performed to evaluate the technical and economic implications of a potential full-scale DST arsenic vitrification plant located at the facility.

As previously announced in a press release dated January 24, 2018, this project is partially funded by the Government of Canada through Sustainable Development Technology Canada (“SDTC”).

The DST Technology is flexible enough to accommodate a variety of arsenic-bearing feed material, and uses lower cost inputs to produce a product that is more stable and more cost effective than current industrial practices. DST’s innovative method to stabilize arsenic is becoming an attractive technique to capture and sequester the arsenic and is applicable for deposits or concentrates considered to contain arsenic concentrations too high to be exploited using conventional approaches. In previous pilot scale tests, the resulting glass is non-toxic and meets or exceeds the United States Environmental Protection Agency's (EPA) toxicity characterization leaching procedure (TCLP, Method 1311). We expect the results from this industrial demonstration to meet or exceed the same standard.

**About Dundee Sustainable Technologies, a corporation controlled by Dundee Corporation**

The Corporation is engaged in the development and commercialization of environment-friendly technologies for the treatment of mineralized materials in the mining industry. Utilizing patented and proprietary technologies, DST works with its customers and partners to design and install extraction solutions for precious and base metals from mineralized material, concentrates and tailings. At the same time, DST stabilizes contaminants such as arsenic, antimony and cadmium which could not otherwise be extracted or stabilized with conventional processes because of metallurgical issues or environmental considerations.

**FOR FURTHER INFORMATION PLEASE CONTACT:**

Brian Howlett  
President and CEO  
Dundee Sustainable Technologies  
Tel: (514) 866-6001 # 239  
Cell: (647) 227-3035  
[info@dundeetechnologies.com](mailto: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 new technologies 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.

*Neither the CSE nor its Regulation Services Provider (as that term is defined in the policies of the CSE) accepts responsibility for the adequacy or accuracy of this release.*