

GMS Video: Mineral processing is key to ESG – so why does it still get short shrift?



The mineral processing innovation panel at The Northern Miner's Global Mining Symposium in May 2023 in Toronto. Credit: Erik Rotter/TNM

POSTED BY: [ALISHA HIYATE](#) JUNE 19, 2023

Miners understand the importance of innovation in mineral processing in reducing their environmental footprints, addressing community concerns and running more efficient operations. But companies still prefer tried and true processing over newer metallurgical techniques — even if those new methods promise the same recoveries with the added benefits of less water, chemical and land use.

A panel of experts discussed why this is at *The Northern Miner's* Q2 Global Mining Symposium, and how the mining sector can address barriers to processing innovation — including breaking down the silos that still persist in the industry. The GMS event took place at the TMX Market Centre in Toronto on May 25.

The panel included Jean-Phillipe Mai, president and CEO of Dundee Sustainable Technologies; Scott Hicks, executive VP of Prime Mining; Mark Selby, president and CEO of Canada Nickel; and Laurie Clark, founder and CEO of Onyen, and was moderated by Northern Miner Editor-in-Chief Alisha Hiyate.

The panel was sponsored by [Dundee Sustainable Technologies](#), which has invented two novel mineral processing techniques. Its CLEVR process recovers gold without using

cyanide and eliminates the need the need for tailings ponds, and GlassLock process removes arsenic from ore and stabilizes it.

