



## Solvay launches SolvExtract™, a digital platform for solvent extraction operations

Saddle Brook, N.J., February 25, 2019 – Solvay announced today the successful launch of SolvExtract™, a first-of-its-kind app-based digital platform for mining operations, with Codelco, the world’s largest copper producer. SolvExtract™ connects chemistry and operational insight, bringing Solvay’s technical expertise in mining chemistry to customers at an unprecedented speed and frequency. It enables them to make more informed decisions faster, thus reducing process variability, boosting productivity and improving their bottom line.

SolvExtract™ is the first of Solvay’s new digital solutions for mining operations, and the only digital platform today dedicated to reagent optimization. The platform enables data flows between a mining operation and Solvay’s proprietary solvent extraction (SX) modeling software. Using this software, Solvay personnel are able to monitor key variables of the SX plant, such as copper recovery and copper transfer, comparing actual values and trends to model predictions, to identify and analyze deviations. Leveraging a dashboard, custom alerts and expert analysis, Solvay quickly notifies plant operators when issues arise and offers recommendations through the platform. Via SolvExtract™, plant personnel can engage in dialogue with Solvay to support continuous improvement and enhance the quality of future suggestions.

“SolvExtract™ has helped the Gabriela Mistral plant validate operational performance and will support us in identifying opportunities for continuous improvement,” shared Rodrigo Benavides Oswald, Codelco innovation director. “Through SolvExtract™, Solvay has proven to be a partner to the plant by providing deeper, more frequent insight, which has positively influenced our daily decision making.”

“As available ore grades decline, mines are looking for ways to maximize the amount of copper extracted from each ton of ore,” explained Chuck Price, executive vice president of Solvay’s Mining Solutions business. “SolvExtract™ utilizes a new generation of data-gathering and analytics capabilities

-- along with Solvay's reagents, applications expertise and customer feedback -- to help SX plants reach their true potential."

SolvExtract™ will be unveiled to the mining industry at the [SME Annual Conference and Expo](#) in Denver, Colorado, from February 24-27, along with Solvay's complete portfolio of advanced mining reagents. To connect with Solvay, visit booth 1602.

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#### **About Solvay Technology Solutions**

Solvay Mining Solutions is part of the Solvay Technology Solutions global business unit (GBU). Solvay's Technology Solutions GBU incorporates the Mining Solutions, Phosphorus Specialties, and Additive Technologies business lines. The combination of these businesses affords an opportunity for each business to maintain its unique leadership role while creating a strong, synergistic organization built with a team of experienced professionals focused on customer collaboration and intelligent innovation.

#### **About Solvay**

**Solvay** is an advanced materials and specialty chemicals company, committed to developing chemistry that addresses key societal challenges. Solvay innovates and partners with customers worldwide in many diverse end markets. Its products are used in planes, cars, batteries, smart and medical devices, as well as in mineral and oil and gas extraction, enhancing efficiency and sustainability. Its lightweighting materials promote cleaner mobility, its formulations optimize the use of resources and its performance chemicals improve air and water quality. Solvay is headquartered in Brussels with around 26,800 employees in 61 countries. Net sales were €10.1 billion in 2017, with 90% from activities where Solvay ranks among the world's top 3 leaders, resulting in an EBITDA margin of 22%. Solvay SA (**SOLB.BE**) is listed on Euronext Brussels and Paris (Bloomberg: **SOLB.BB** - Reuters: **SOLB.BR**) and in the United States its shares (**SOLVY**) are traded through a level-1 ADR program. *Financial figures take into account the announced divestment of Polyamides.*

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