

## ASX ANNOUNCEMENT

18 February 2022

### ChemX appoints Primero to conduct HiPurA™ HPA Pilot Plant Pre-Feasibility Study

#### Highlights

- **ChemX Materials has signed an agreement with Primero to undertake the Engineering studies for the HiPurA™ HPA Pilot Plant**
- **Study expected to be completed in Q2 2022**

**ChemX Materials (ASX:CMX) (ChemX or the Company)**, a materials technology company focused on providing critical materials required for electrification and decarbonisation, is pleased to advise that Primero has been appointed to undertake the pre-feasibility study on the HiPurA™ High Purity Alumina (HPA) pilot plant. Primero, a subsidiary of NRW Holdings Ltd, is a mineral processing specialist with an outstanding record of delivering novel and unique projects.

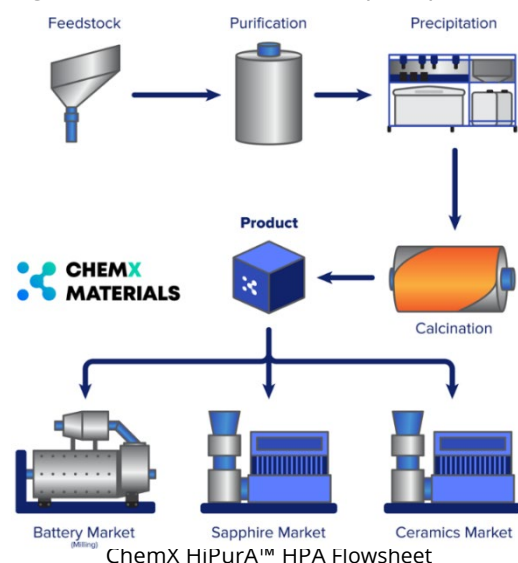
The HiPurA™ flowsheet design has been completed following SysCad modelling, which was managed by Primero. The key outcomes from the pre-feasibility will be the equipment sizing, engineering design, capital and operating costs.

The outstanding growth in the lithium battery market, driven by the rapid uptake in electric vehicles, has seen the demand for HPA continue to rise dramatically. The design and construction of the pilot plant will be a major step in ChemX starting to supply its HPA into the battery materials market.

#### ChemX Managing Director, David Leavy, commented:

“We are excited to appoint Primero to undertake the pre-feasibility Study for the ChemX HiPurA™ HPA pilot plant. Primero has a proven track record and depth of experience in process plant engineering, giving us great confidence.

This study is a significant step in achieving our strategy of becoming a producer of HPA. The lessons learnt from operating the pilot plant will allow us to move into commercial scale plant construction with confidence.”



*This Announcement has been authorised for release by the Board.*

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**About ChemX Materials (ASX: CMX)**

ChemX is a materials technology company focused on providing critical materials required for electrification and decarbonisation. The Company's vision is to support the energy transition with materials and technology that provide real solutions to lowering carbon emissions.

Developed in-house, ChemX's HiPurA™ Process is a unique technology that is capable of producing high purity alumina (HPA) and high purity aluminium cathode precursor salts for lithium-ion batteries. Initial testwork has indicated that the process is low cost and low in energy consumption, compared to alternative technologies. A key competitive advantage is that the HiPurA™ process is not tied to mine production, with the feedstock being a widely available chemical.

The Company has projects in South Australia and Western Australia.

The South Australian Eyre Peninsula projects include the Kimba Kaolin-Halloysite Project and the Jamieson Tank Manganese Project. The ChemX HiPurA™ Project is located in Western Australia.

**Directors**

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**Non-Executive Chair**

David Leavy

**Managing Director**

Stephen Strubel

**Executive Director**

Warrick Hazeldine

**Non-Executive Director**

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