

PURITY MATTERS

JordProxa specialises in the recovery of pure solids from liquid solutions using evaporation and crystallisation. We understand the process fundamentals that influence the product purity through crystallisation.

Our experience, spanning over 40 years in diverse industries, coupled with on-going research and development both in-house and through tertiary academic and research institutions, enables us to offer cost effective and robust solutions that incorporate the latest advances in technology.

Our technology has been selected for several battery chemicals manufacturing plants in Australia, Europe and North America.



Big enough to be trusted with **technically complex, custom-built plant and** systems.
Small enough to be innovative, reliable and responsive.

 **Purity**

Ultra-pure products.

 **Sustainability**

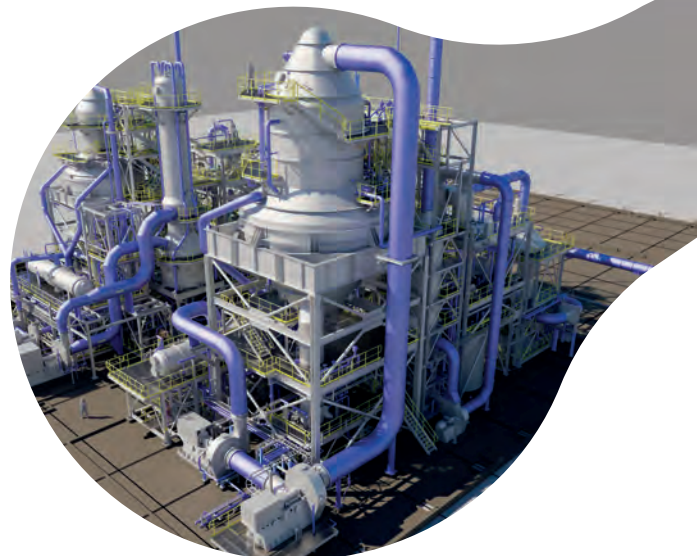
Water and energy efficient plants

 **Value**

Competitive price, modular supply and fast track schedule to start-up.

CAPABILITIES AND SERVICES

- Process equipment design and supply
- Fully integrated modular plant delivery
- Global supply network
- Engineering and detailed design
- FEED studies or phased engineering contracts
- Research, analytical and in-house pilot testing facilities
- Process and project development
- Commissioning and maintenance



Pictured: 3D model of crystallisation plants for battery grade Nickel and Cobalt Sulphates for Terrafame in Finland

Our evaporation and crystallisation plants deliver:

- High purity battery grade products
- Improved yields, reduced OPEX
- Fast track project delivery
- Modular design and delivery
- Recovery of clean process condensate

BATTERY CHEMICALS

Our crystallisers are often used in resource processing plants and are renowned for their robust and reliable operation. We have extensive experience in producing a range of **high purity battery grade** products and salt by-products for the battery chemicals industry.

ZERO LIQUID DISCHARGE (ZLD)

The treatment of effluent is an opportunity to harvest water for re-use while simultaneously reducing pollution. JordProxa offers several ZLD system solutions to clients in mining and ore processing, metals refining, power generation, petrochemical industries and oil and gas systems. Our expertise covers a wide range of applications.

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