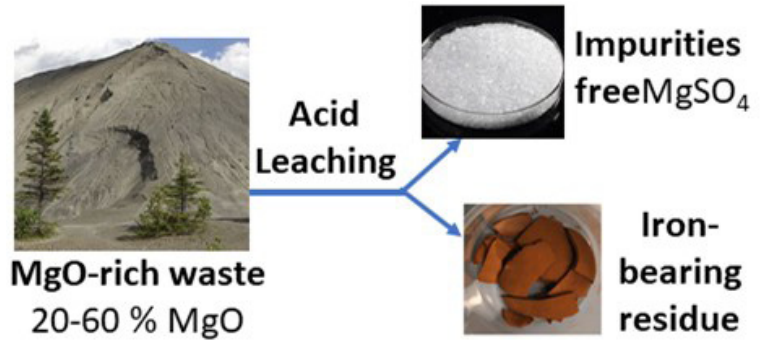


## REMAG - MAGNESIUM RECOVERY TECHNOLOGY

- 100% MgO Recovery from waste
- Residue used as feedstock in other processes
- Saving on importation of magnesium oxide import



We have been able to recover MgO from mining tailings rich in MgO. This has led to significant savings on MgO importation while iron-bearing residue is used as feedstock for the steelmaking. This ensures a sustainable production of magnesium within a circular process.

### Our Materials

MgO- rich waste sources, for example mining tailings. Sulphuric acid recovered from industrial processes.

### Our Products

Magnesium sulphate crystals and solution; Magnesium oxide applicable to industrial processes such as pulp & paper industry.

### Our Technology

Recovery of High-quality magnesium products from waste. We have demonstrated a technical know-how in the recovery of magnesium and other valuable minerals from waste sources.

### We offer:

Research and development activities from laboratory to industrial scale with long-term technical support and product monitoring. One of our clients, Berner Chemicals are in the process of production expansion activities based on product development and technical support activities

**Process Development** *A bottoms-up approach to a sustainable way for magnesium recovery from waste.*

From lab scale to full-scale production. Scientists and Researchers at Renotech are adequately equipped with laboratory facilities combining intelligent analytics with experienced resourcefulness in developing a scheme that recovered 100 % MgO from the waste.

FTIR, TGA XRD and calcination and other characterization techniques are available to study material behaviour and properties that could be exploited for a successful separation process.

Technical support available from product development to process commissioning and production.

