



INTEC

International Projects

Superior & Sustainable Metals Production

Intec presentation

Company Overview

Intec International projects an Australian company part of ResourceTech UK owner of Intec Process Patents and IP, pioneer and world leader in the field of chloride hydrometallurgy with extensive portfolio of international patents.

Developed by over 200 international patents across seven patent 'families', the Intec Process can extract and recover copper, lead, zinc, nickel, gold, silver Indium, molybdenum and other base and precious metals from a wide range of feed stocks , mining Ore and mineral waste.



Executive Summary

Intec Process worlds leading chloride hydrometallurgy technology , providing an end to end solution to the problem of associated and stranded minerals processing projects and recycling of heavy metals from industrial wastes worldwide.

Most advanced modular chloride leaching technology available on the market

The first patented halide mixtures hydrometallurgy process

Attractive Licenses and projects executed and in pipeline

Projects in Japan, Australia Belgium, Malaysia , Russia ,Middle east, Mexico

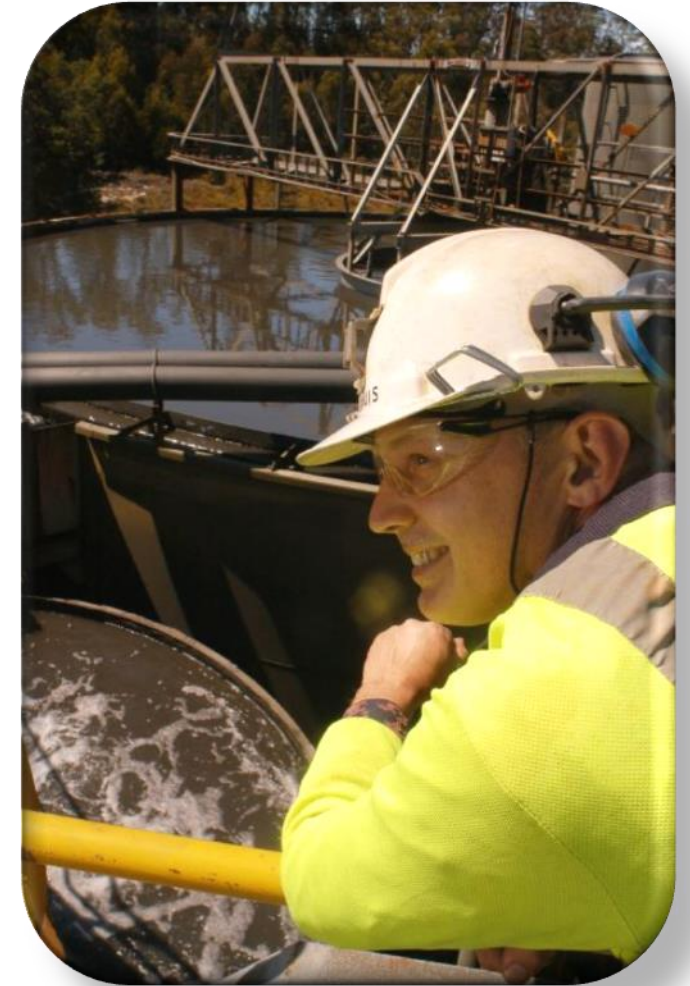
Highly attractive business model

High ROE revenue model with ability to scale rapidly



The Intec Process

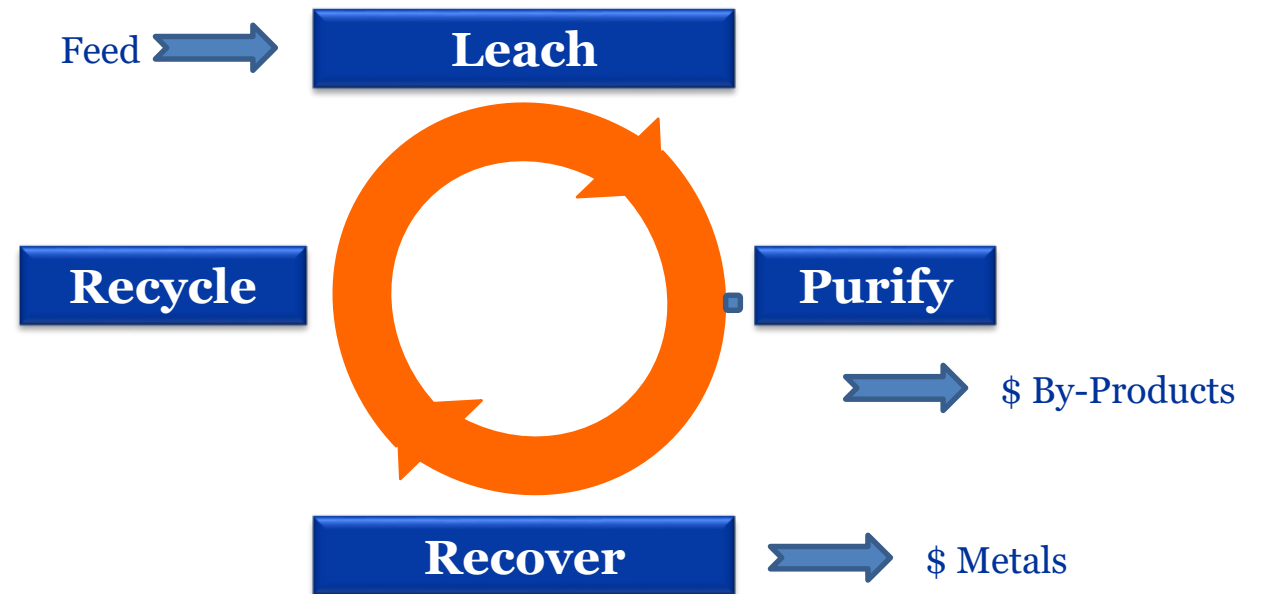
- The Intec Process is a cheaper, cleaner alternative to conventional smelting for base and precious metal mineral feedstocks .
 - Particularly low-grade, polymetallic and/or contaminated mixed concentrates.
 - Metals from sulphidic materials
 - It also offers a non-cyanide alternative for gold-bearing concentrates.
- The Intec Process can produce valuable metal products from Industrial waste materials that would conventionally be disposed to landfill such as metal sludge's , slags and mineral waste waters
- In many industrial waste recycling applications, the Intec Process can offer a zero-waste recycling option.
- The Intec Process can rework and unblock value from mining and mineral process waste including filter cake, slims and tailings .



The Intec Process

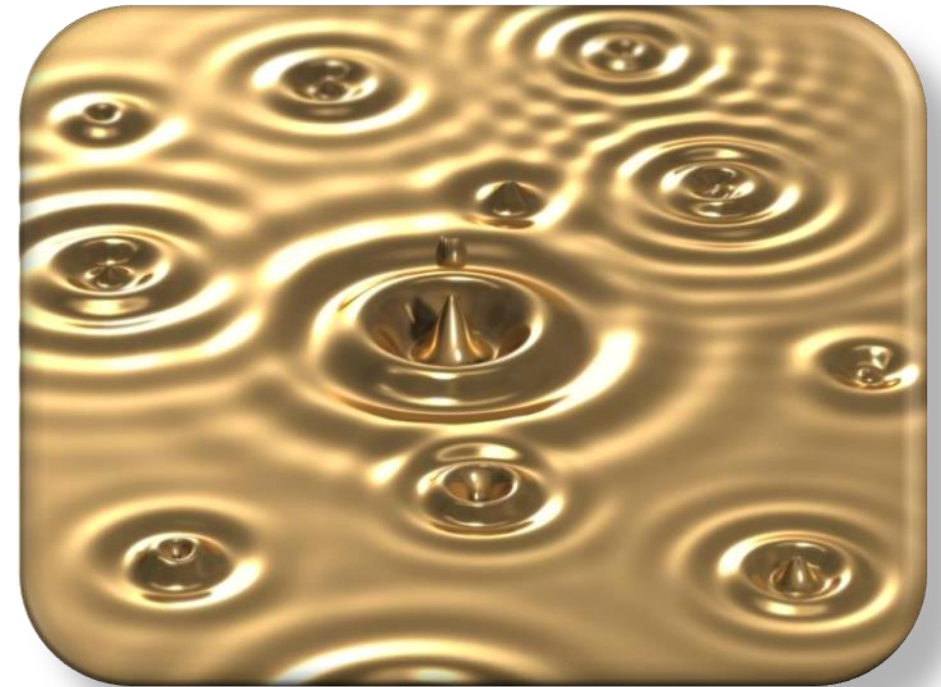
Processing minerals and recycling industrial wastes

- Cyclic process
- Leach the metals into solution
- Extract by-products if appropriate
- Recover products as high grade metal and/or chemical intermediates
- Highly flexible and adaptable to various feedstocks

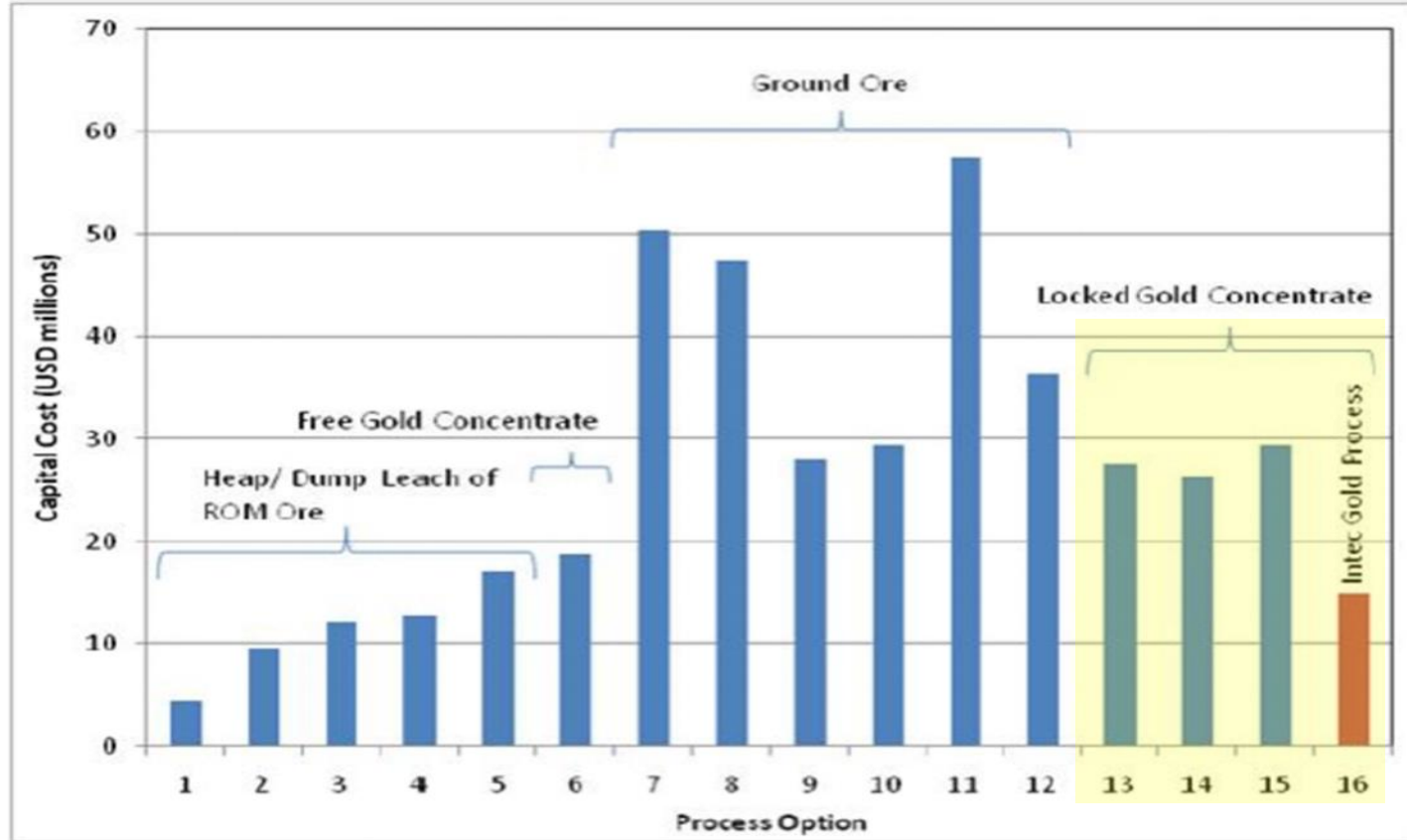


Advantages of the Intec process

- Able to economically treat low grade mineral concentrates.
- Able to economically treat polymetallic concentrates in a single process.
- Able to recover by-product value from metals contained in concentrates.
- Able to economically treat contaminated feeds.
- Able to economically treat mixed base and precious metals feeds.
- Able to economically treat metal-bearing industrial wastes.
- The Intec Process residue is clean and environmentally stable.
- No liquid effluent and no noxious gaseous emissions
- Low energy and low water consumption
- Operates at atmosphere pressure and at temperatures $<100^{\circ}\text{C}$.



Cost comparison of CAPEX and OPEX with different technologies



ROE revenue model on various projects based on Intec Process Technology

KPLs	
Plant Capacity	700 tpa Tin-Antimony
	1,000 tpa Cu/Ni/Bi/Ag
Capex	\$ 4.1 million
Opex	\$ 2.5 million
Project IRR	38 %
Project NPV	\$ 18 million

KPLs	
Plant Capacity	225 Koz pa gold
Capex	\$ 14 million
Opex	\$ 65 million
Project IRR	34 %
Project NPV	\$ 23 million

KPLs	
Plant Capacity	40,000 tpa Zinc
	30,000 tpa Lead
Capex	\$ 115 million
Opex	\$ 28 million
Project IRR	44 %
Project NPV	\$ 232 million

KPLs	
Plant Capacity	5,000 tpa Copper
	11,000 tpa Nickel
	7,000 tpa PGM
Capex	\$ 245 million
Opex	\$ 65 million
Project IRR	50 %
Project NPV	\$ 900 million



Awards

Finalist, Sulo Environmental Awards

Results to be announced 22 July 2010

Winner, Manufacturer's Monthly Endeavour Awards

May 2010

Finalist, Banksia Environmental Awards

Eco Innovation Category, July 2009

Runner-up, Tasmanian Awards for Environmental Excellence

Small Business Sustainability Category, June 2009

Winner: Technology of the Year Award

Excellence in Exploration & Mining, 2005



Corporate Opportunities

Intec is seeking strategic partners to license and unlock value from mining and mineral projects opportunities

Our company can offer our partners:

- Intec's innovative technology,
- Intellectual property,
- Know how,
- Project development expertise

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