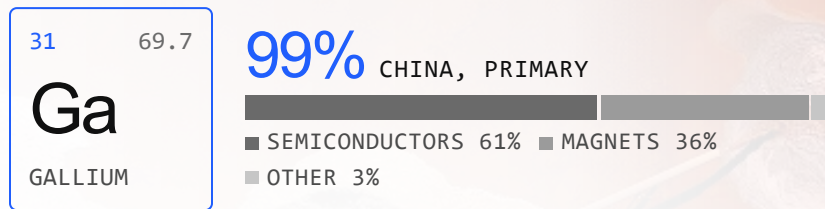


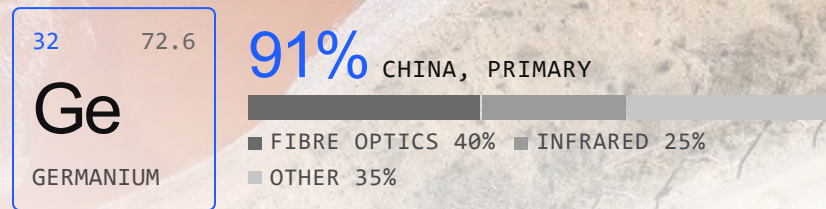
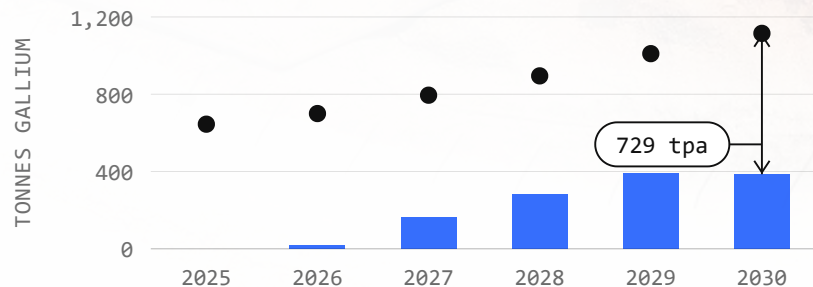
Others see a pipeline of announced projects:

We see a major Gallium and Germanium supply opportunity hiding in plain sight.

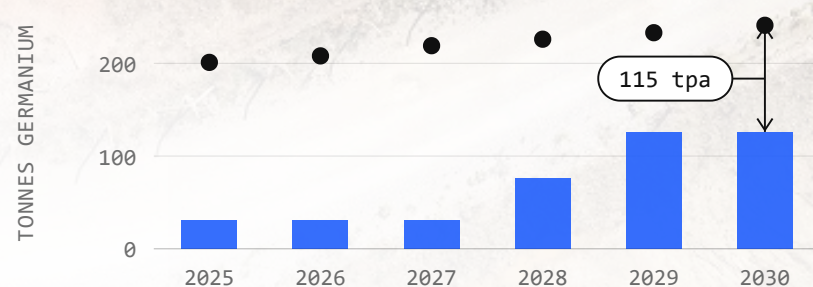
IN EXISTING
PROCESS STREAMS



● EX-CHINA DEMAND ■ PROJECTED EX-CHINA SUPPLY



● EX-CHINA DEMAND ■ PROJECTED EX-CHINA SUPPLY



First project: 10 tpa of 4N gallium with a top-five global alumina refinery.

ION EXCHANGE
(INCUMBENT)



FOUND DFE™



LOWER OPEX • LOWER CAPEX • HIGHER RECOVERY • MODULAR

PILOT HARDWARE VALIDATED • \$6M US FEDERAL SUPPORT



ILLUSTRATIVE DFE™ INTEGRATION • NOT AN EXISTING FACILITY

FIRST PROJECT

Top-five global alumina refinery.

10 tpa

2028 START-UP

>100 tpa

EXPANSION POTENTIAL

\$35M

development capital to first metal

\$20M COMMITTED

\$15M OPEN

From raw production nodes to qualified products: rebuilding Western semiconductor supply chains.

RAW PRODUCTION NODES

Alumina refining liquor
DEMONSTRATED — IN BUILD

Ga

Zinc & lead streams
CO-EXTRACTION TARGET

Ge, In

Fluorspar & other ores
PUBLIC US PROJECT

Ga, Ge, In



FOUNDRY ONE • USA

Building a vertically integrated supply chain of qualified materials for Western buyers.

BUILD-OUT CAPITAL PROJECTIONS

GALLIUM		PRODUCTION NODES
2028	10 tpa	\$13M
2030	100 tpa	\$65M
2034	500 tpa	\$275M

GERMANIUM		CO-PRODUCTION NODES
2030	10 tpa	\$110M
2032	50 tpa	\$350M

FOUNDRY ONE		DOWNSTREAM
Phase 1	Initial 6N line	\$25–30M
Phase 2	100 tpa full hub	~\$70M

Illustrative pre-FEED estimates. Germanium figures are market benchmarks.

We turn breakthrough R&D into industrial projects.

A team built to take new technology from laboratory proof to live refinery operation.



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FOUNDER, PRESIDENT & CEO



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CHIEF SCIENCE
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25 FULL-TIME TECHNICAL STAFF, DRAWN FROM



\$28M

EQUITY, FEDERAL &
STATE FUNDING