

Koura



Introduction to Koura at NAATBatt

Localizing Supply Chain of Critical Battery Materials

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Koura is an Orbia business and part of
the Fluorinated Solutions group.



We are a purpose-driven growth company.

We are passionate about tackling global challenges to

advance life
around the world.

We are a leading provider of products and services across multiple sectors

Polymer Solutions

Building & Infrastructure

Precision Agriculture

Data Communication

Fluorinated Solutions

Global Imprint and Impact

Focused on delivering outstanding results

\$8.8B

Net Revenues

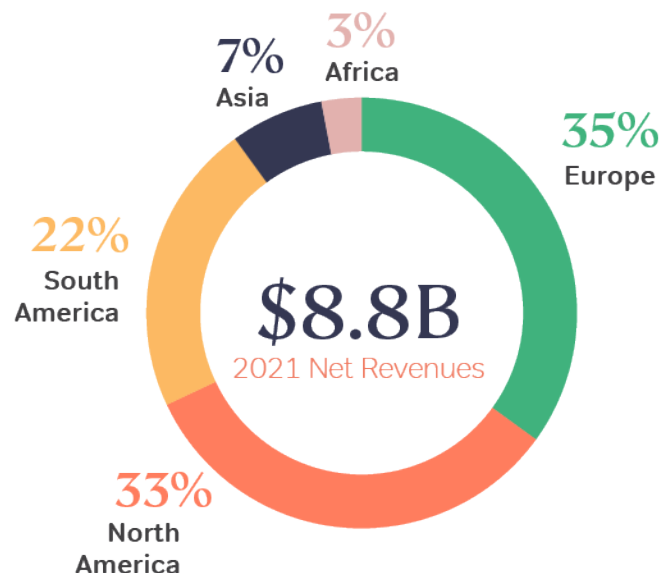
US \$2.05B

EBITDA¹

US \$319M

Consolidated Net Income

Revenue¹ by Region



Operation in 50+ countries

Commercial activities in more than +100 countries

1. As of 12/31/21;

Mine to market in Fluorine

- Supplies 15-20% of the world's fluorine
- Industry-leading position in acidspar, metspar, HF and AlF_3
- Leading supplier of refrigerants
- Worldwide leader in medical propellants
- Emerging energy storage business

Koura supplies fluorine-based materials to many industries



Infrastructure

Fluorspar is critical to cement, steel and aluminum industries



Cooling & Refrigeration

Fluorine is used in refrigerants for air conditioning and food storage



Medical Propellants

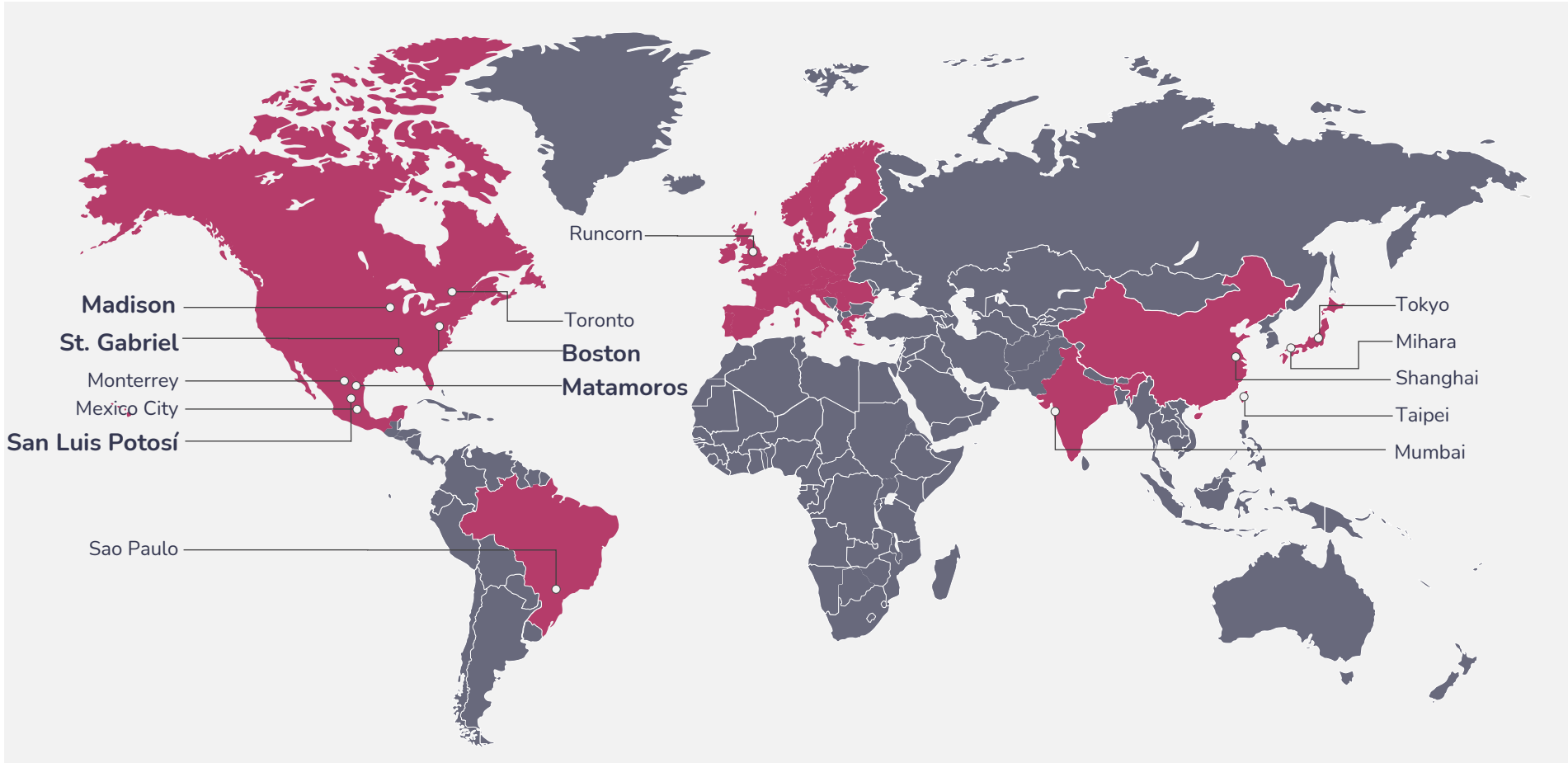
Fluorinated medical gas ensures drug stability and efficacious delivery



Energy Storage

Fluorine enables lithium-ion batteries to work

Diversified Global Footprint



≥1,600

Employees

2

Mines
(Mexico)

1

ALF₃ site
(Mexico)

2

HF sites
(Mexico)

5

Refrigerants gases
(UK, US, & Japan)

3

Innovation Centers
(US, Mexico & UK)

Koura is uniquely suited to supply fluorinated materials to **battery** industry

North American Supply Chain for Fluorine



Fluorspar
Koura has one of the largest global fluorspar reserves



HF

HF

Koura is one of the biggest producers of hydrogen fluoride



LiPF₆ & other salts



PVDF Binder



Electrolyte Components



Recycled Materials



Other Battery Materials

Bipartisan Infrastructure Law:

Battery Materials Processing and Battery Manufacturing



License from Kanto Denka Kogyo | Feb 2, 2023

Commercialization

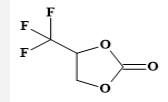
PROJECT NAME: LiPF₆ Manufacturing Plant in St. Gabriel, Louisiana



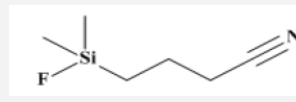
Solvay and Orbia Join Forces to Create a JV in North America

PVDF Technology license from PrimeStar / InnoVent | Apr 19, 2022

Fluorinated Solvents / Additives



Koflyte™



OST™



Custom electrolytes & blending for niche applications

Ascend Elements and Koura Unveil Innovative Technology Yielding 99.9% Pure Graphite from Used Lithium-ion Batteries | Feb 17, 2022

Exploring Li, F recycling

Exploring Natural Graphite Options

Exploring Other Breakout Technologies

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