



INTERNATIONAL LITHIUM ALLIANCE

SUSTAINING AN ENERGETIC FUTURE

Connecting
Lithium Consumers | Lithium Producers

The International Lithium Alliance is the focal point for the lithium industry, providing global leadership on all major strategic issues affecting the industry, particularly on economics, the environment and social sustainability.

The mission of the Alliance is to promote and foster communication between members and to represent the lithium industry in politics and media, as well as to facilitate effective and sustainable lithium production, and to promote new uses for lithium.

We exist:

- ◇ To educate the general public on lithium
- ◇ To connect lithium brine producers, lithium mineral producers, lithium consumers and interested parties
- ◇ To be an advocate of the lithium industry to various levels of government around the world
- ◇ To encourage and enable sustainable development
- ◇ To promote new and safe uses of lithium

The International Lithium Alliance is a not-for-profit membership organization.

LITHIUM BRINES

Lithium can be found in water either as a brine or salt depending on the degree of solar evaporation.

Naturally concentrated lithium occurs in high solar and wind evaporation deserts from volcanic origins, either on the Earth's surface or in underground lakes with a salt crust cap.

LITHIUM MINERALS

Lithium can be found in over 145 different minerals.

Commercial quantities are only found in a few: spodumene (the most abundant); petalite; and lepidolite. Lithium is concentrated and then processed to lithium carbonate.

LITHIUM USES

Uses of Lithium include production of:

- ◇ Batteries
- ◇ Glass/Ceramics
- ◇ Lubricants
- ◇ Pharmaceuticals
- ◇ Aluminum