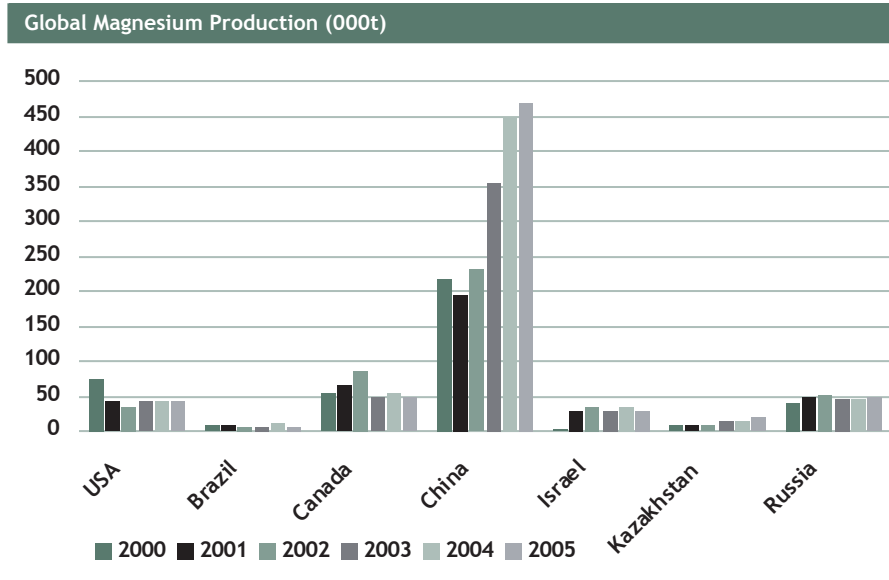


It is also used in electronics

Another use of magnesium is in the electronics industry. Due to its lightness, as well as its malleability and conductivity, it is well suited to being used in the construction of laptops, mobile phones, cameras, etc.



Source: International Magnesium Association, Ambrian

The only country currently boosting global production is China, but exports may decline as internal consumption rises

As can be seen from the chart above, the only factor currently boosting world magnesium production is the ongoing increase from China. Elsewhere, the levels are mainly flat and there are few new smelters due to come on-line before MagMetals' operation. However, China is increasing its internal consumption and, therefore, reductions in available supply are declining.

Table salt is a potential by-product which is used in paper and pulp production as well as for de-icing

### Table Salt

Sodium chloride (or table salt) can be produced from the mining of halite (or rock salt). Quite apart from its obvious domestic uses, salt is also a vital ingredient in the manufacturing of pulp and paper, as well as the production of soap, detergent and chlorine. Its single biggest use (around 51%) is in the de-icing industry, where its chemical properties prevent water from freezing down to -10°C.

Solution mining is simple and environmentally low-impact

### What is Solution Mining?

Solution mining is a simple, environmentally low-impact (no surface waste) means of extracting minerals from underground without the need for a typical mine. To quote the company's description:

*"Solution mining involves drilling a large-diameter borehole to the bottom of the targeted carnallite layer, which in the Kouilou application is at a depth of about 600m. Water and compressed air are then introduced into the well. The air assists in creating lateral dissolution of the highly soluble carnallite salt layer. Once a diameter of approximately 80m is achieved the drill tubes are retracted thereby developing a working solution mining cavern.*

*A brine solution enriched in magnesium and potassium is recovered from the well and processed at the plant for product recovery. The rate of mining, cavern shape, and preferential separation of various salts are determined by changing the height positions of the inflow*