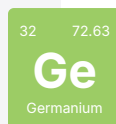


Annual global production (2022)	140 tonnes
Estimated share of our stock in global annual production	0.7%
Estimated increase in demand	3 to 5% per annum
Global reserves	14,000 tonnes (according to the USGS)



GERMANIUM

Technology metals



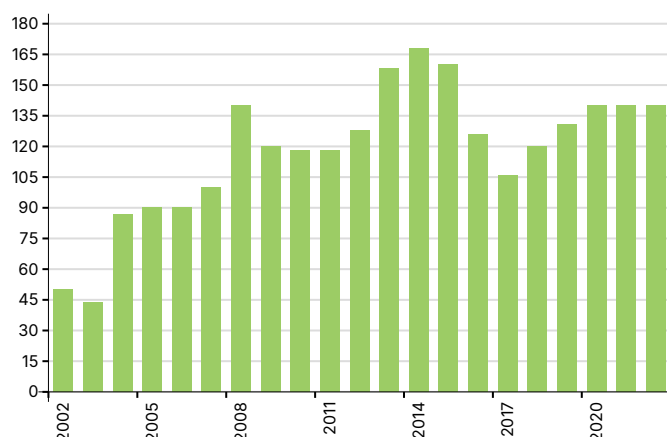
Uses

- Fibre-optic cables
- Infrared optics
- Polymerisation catalysts
- Electronic components and solar cells
- Medical sector

The best-known application for germanium is in fibre-optic cables, as this is how our internet works. In addition, this technological metal possesses special optical properties. Because of these, germanium is used in night-vision devices, infrared cameras and rifle scopes. A combination of both these fields of application is the growing market for autonomous vehicles.

The production of germanium is complex, expensive and only profitable in China. This explains why, despite its actually quite substantial reserves, it is classified as a critical metal.

Production volumes in tonnes



Price trends

