Diogo Rosa (Geological Survey of Denmark and Greenland), 29 November 2022

Commodity	**Strontium (Sr)**	**Data source**
Significance for the EU (2023)	*Critical, not strategic*	
Uses of the commodity	*Main uses:* *Ceramic ferrite magnets and pyrotechnics/signals* *Minor uses:* *Drilling fluids, master alloys, glass, pigments, and fillers.* *Future uses:* *Strontium will remain an important material for magnets, ceramics, glass, and pyrotechnics manufacturing. However, its use in drilling fluids is subject to barite and hydrocarbon prices. Ongoing research on strontium in optical applications or semiconductors might result in new end uses.*	Latunussa et al. (2020), USGS (2023)
Anthropogenic resources and potential in Nordic countries	*None*	
Main deposit types in Nordic countries	*Evaporites*	
Main global deposit types	*Evaporites*	
Resources and potential in Nordic countries	*Resources: Greenland 9.8 Mt. No other obvious resource potential known.*	Rosa et al. (2023)
Global production (2022)	*340,000 t mine production, as contained Sr metal*	USGS (2023)
Nordic production (2021)	*None*	
Main producing countries (2022)	*Spain 38.2 %, Iran 32.4 %, China 23.5 %, Mexico 6.5 %*	USGS (2023)
Technological challenges in production	*Apparently none*	Latunussa et al. (2020)
Recycling	*Present:* *None* *Future:* *Dissipative uses suggest recycling not likely.*	

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