

tukes

Review of mining authority Tukes on exploration and mining industry in Finland in 2023,

Terho Liikamaa

Head of Unit, Finnish Mining Authority

Summary, Statistical Review of Mining in Finland in 2023

EXPLORATION

2023 saw 59 companies submit exploration reports to Tukes.

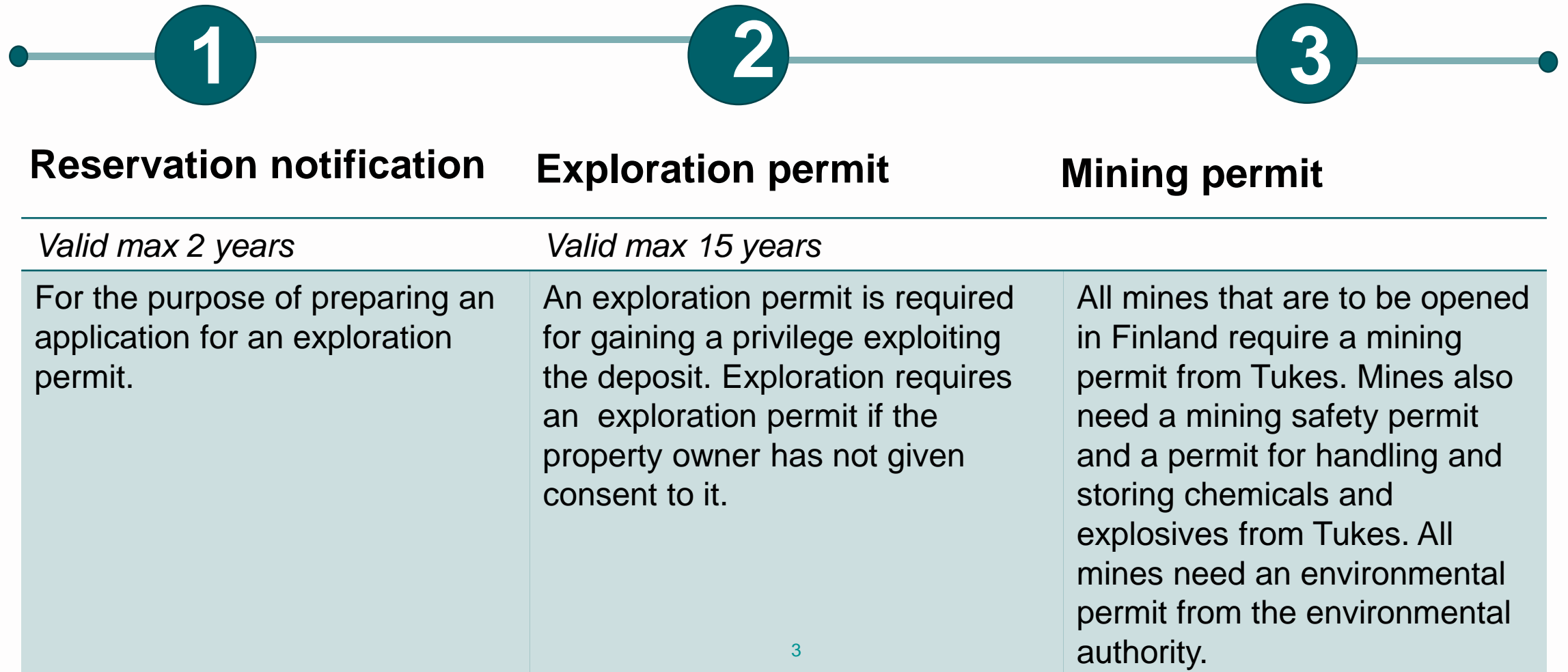
- Companies invested 94 millions euro in ore exploration in Finland (up 17% from the previous year)
- Ore exploration drilling was carried out 284 km (up 2% from the previous)
- Compensation paid to landowners for exploration was approximately EUR 6,6 million

MINING ACTIVITY

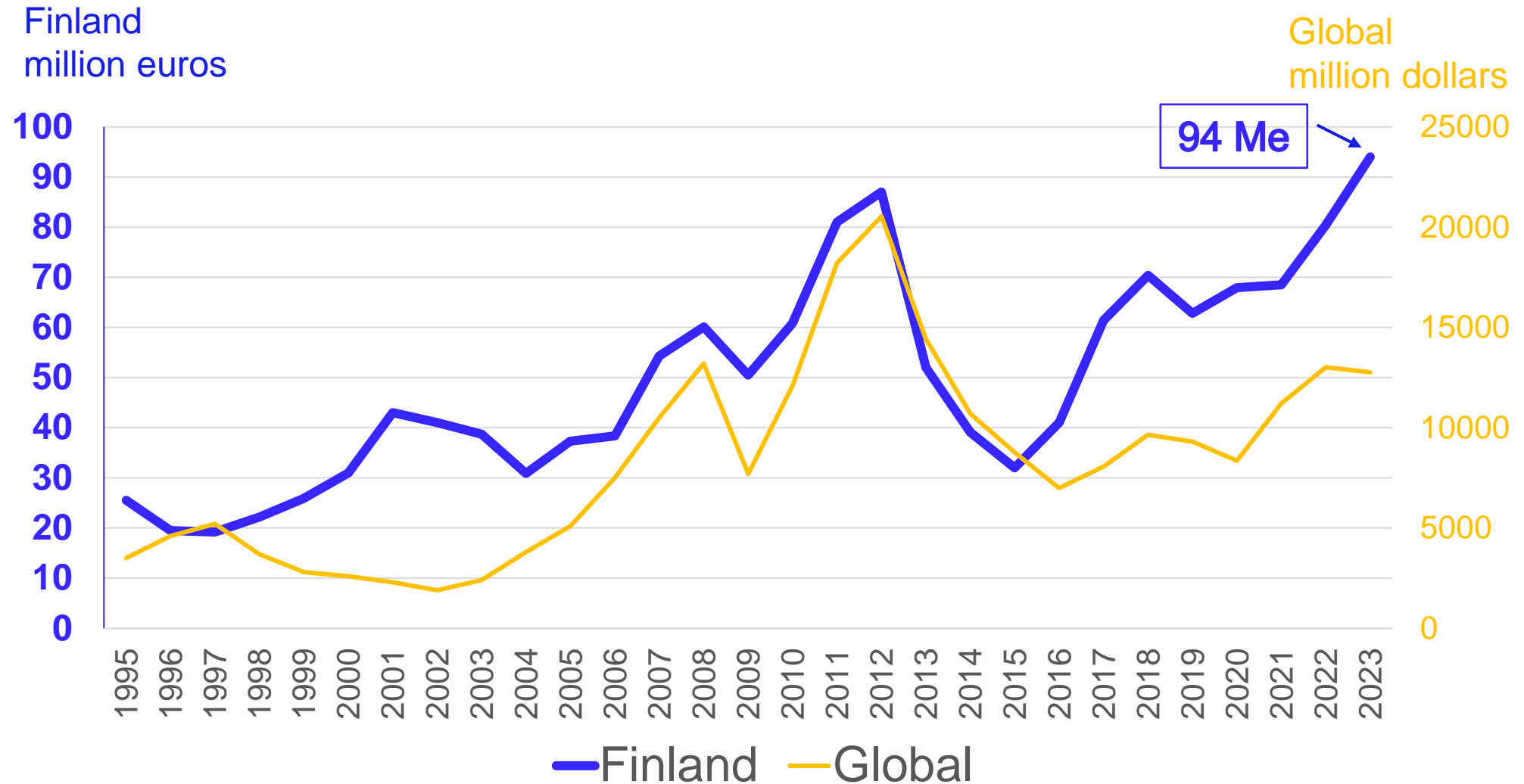
21 companies report mining from 39 mines

- The companies invested EUR 380 million, which is 26% more than in the previous year. The most significant investments were made in the Kevitsa, Terraafame, Kittilä and Siilinjärvi mines.
- Metal ore, carbonate rock, industrial rock and industrial mineral mining was 46,8 million tons (down 6% from the previous year).
- The total extraction of the mines was 128 million tons (up 7% from the previous year). The three largest Terraafame (49,7 million tons), Kevitsa (36.4 million tons), and Siilinjärvi (26,2 million tons) mined 88% of this.

Major phases of exploration and mining permits in Finland



tukes Investments in ore prospecting 1995–2023



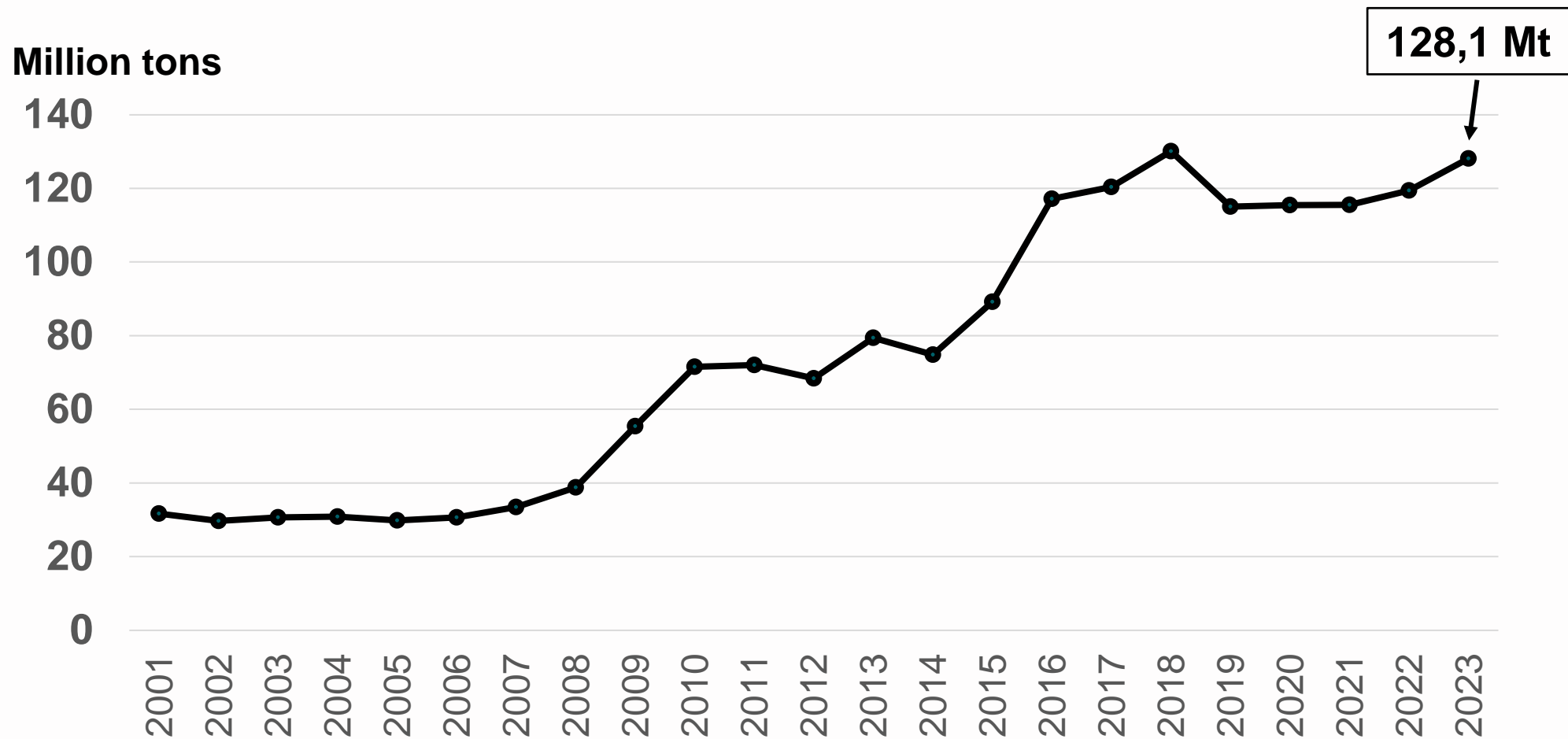
Total area of valid claims/exploration (km²), 31.12.2023



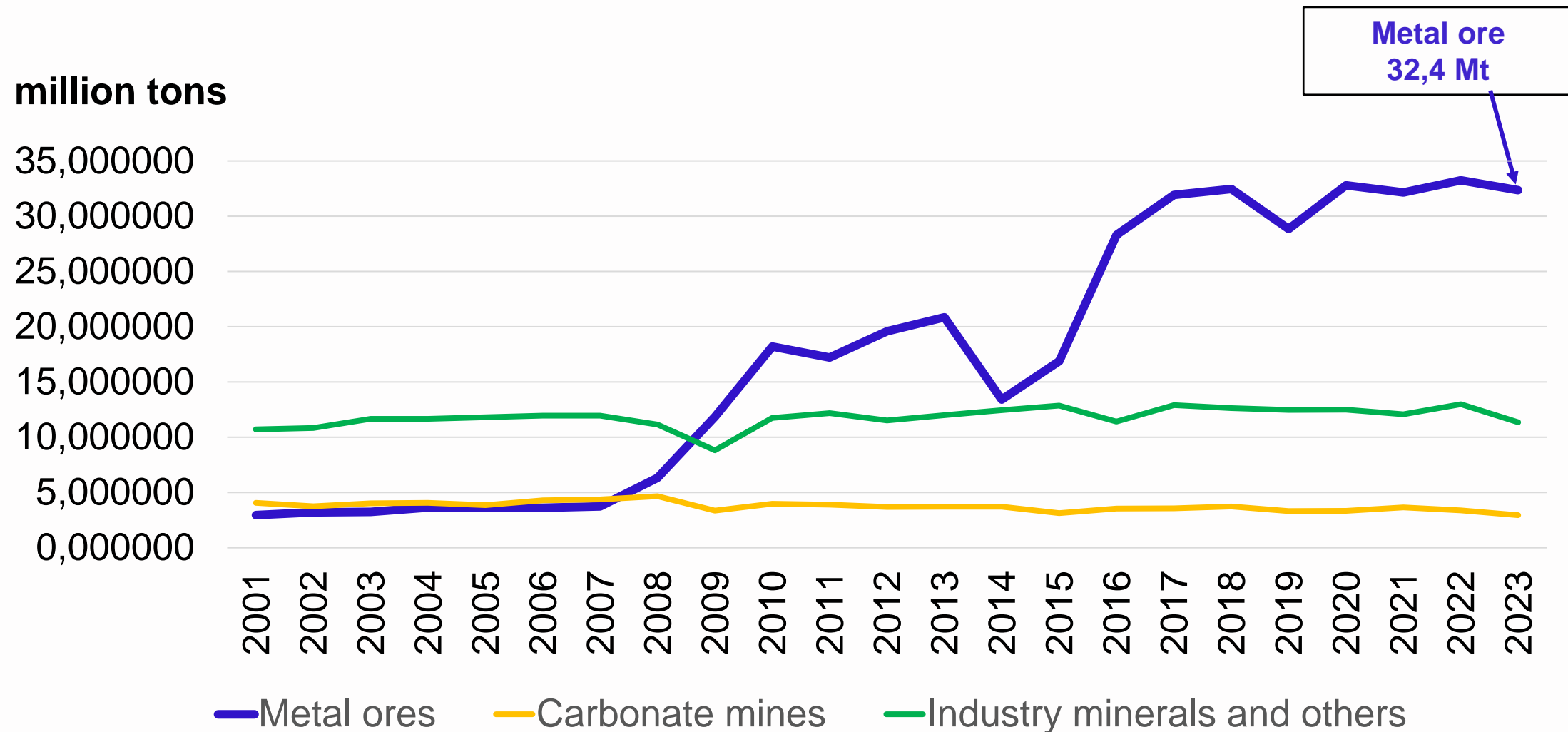
Exploration in Finland 2019–2023

	2023	2022	2021	2020	2019
Exploration investments, reported by prospectors (million €)	94,0	80,4	68,5	68,0	62,8
No. of prospectors	59	54	50	61	46
No. of reservation notifications filed in Tukes	92	83	75	92	88
No. of exploration applications (claims)	172	143	219	113	149
Total area of reservation, (km ²)	27 256	24 736	30 000	41 367	31 802
Total area of exploration applications (km ²)	6 850	6 476	5 873	4 387	3 499
Total area of valid claims/exploration (km ²)	2 534	2 581	2 072	1 975	1 869
Drilling (kilometres)	284	274	280	219	189
• Grassroot	• 42	• 71	• 34	• 65	• 39
• Greenfield	• 193	• 151	• 180	• 89	• 78
• Brownfield	• 49	• 51	• 66	• 65	• 72

Total excavation (million tons) of mines in Finland 2001-2023

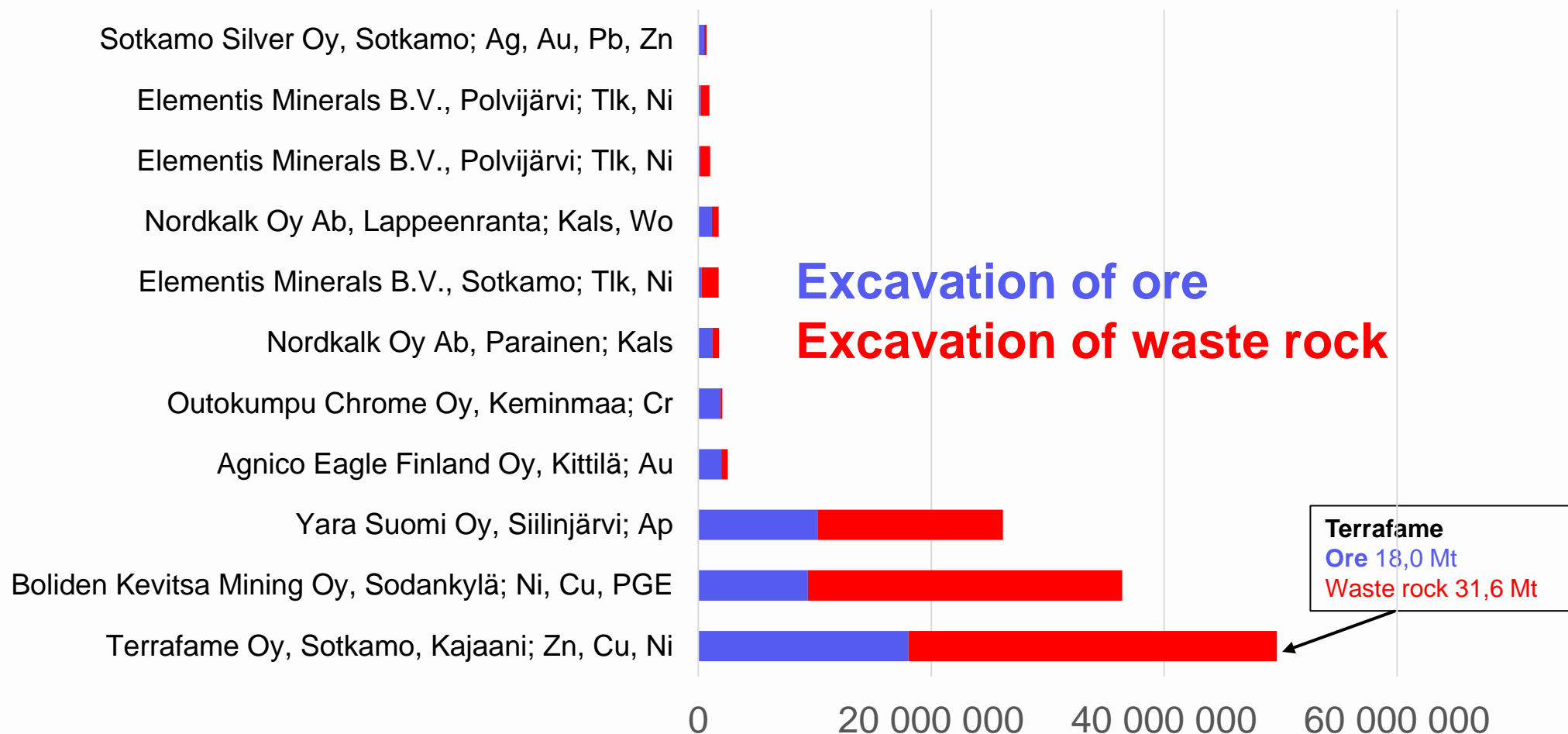


Excavation (tons) for ore in 2001–2023



Total excavation (tons) of 11 biggest mines in Finland 2023

(These mines accounted for 97% of the total mining of all mines)



Mining activity 2010–2023

	2023	2022	2021	2020	2019
Number of mines (REPORTED EXCAVATION)	39	43	44	45	44
Mine investments (million €)	380	304	311	392	525
Excavation of ore (million tons)	46,8	49,6	47,9	48,5	44,6
Total excavation (million tons)	128,1	119,4	115,5	115,4	115,1

More information about mining and exploration in Finland

Contact to mining authority

Finnish Safety and Chemicals Agency (Tukes)

Address: Valtakatu 2, 96100 ROVANIEMI

- kaivosasiat@tukes.fi / miningauthority@tukes.fi

Homepage of the mining authority

- <https://tukes.fi/en/industry/mining-ore-prospecting-and-gold-panning>

Map service of the mining register in Finland (in Finnish)

- <http://gtkdata.gtk.fi/kaivosrekisteri/>

Mineral Deposits, Exploration and Mining Registry (in English)

- <http://gtkdata.gtk.fi/mdae/index.html>

