



tukes

**Tukes and GTK briefing 27.5.2021**

Annual review by TUKES,  
current affairs related to mining and mineral  
exploration,  
Terho Liikamaa TUKES

Turvallisuus- ja kemikaalivirasto (Tukes)

## Chairs:

**12:00-14:10 Terho Liikamaa, Tukes and**

**14:20-16:00 Jouni Vuollo, GTK**

**12:00 - 12:30** Annual review by TUKES, current affairs related to mining and mineral exploration, Terho Liikamaa TUKES

**12:30 - 13:00** Mineral Exploration - technical needs for changes related to the Mining Law, Ilkka Keskitalo TUKES  
Discussion

**13:00 - 13:05 BREAK**

**13:05 - 13:30** Update to Mawson project, Nick Cook Mawson Gold Ltd

**13:30 - 14:00** Robin Chant, Rio Tinto

**14:00 - 14:10** Discussion

**14:10 - 14:20 BREAK**

**14:20 - 14:40** GTK's data sets and online services, Niina Ahtonen GTK

**14:40 - 14:50** GTK - map data management and geological unit nomenclature in Finland, Jarmo Kohonen/Jouni Vuollo GTK

**14:50 - 15:00** Discussion

**15:00 - 15:10 BREAK**

**15:10 - 15:30** GTK - BATTRACE - Traceability of Finnish battery commodities, tbc

**15:30 - 15:50** GTK Mintec - research and development platform for mining and circular economy customers, Jouko Nieminen GTK

**15:50 - 16:00** End of discussion

**16:00** The end of the event

## Webinar etiquette



Mute your mic if you are not speaking



Please keep your camera off if you are not presenting



Use the chat or raise hand to share questions or ideas

Speakers will control their slides

- I encourage you to be active in the chat!
  - ASK QUESTIONS
  - COMMENT
  - DEBATE in Finnish or English

# Employees in the mining unit of Tukes

## Mining permits and mining safety supervision



**Terho Liikamaa**  
Head of unit



**Ossi Leinonen,**  
Senior specialist



**Maria Kivi**  
Senior Officer



**Aki Ijäs**  
Senior Officer

## Gold panning permits

NEW  
10.5.2021

**Juho Kupila**  
Senior Officer



**Juho Veijanen**  
Planner

## Exploration permits



**Ilkka Keskitalo**  
Senior Officer



**Heikki Puhakka**  
Senior Officer



**Maija Viikinen**  
Senior Officer



**Esa Tuominen**  
Senior Officer

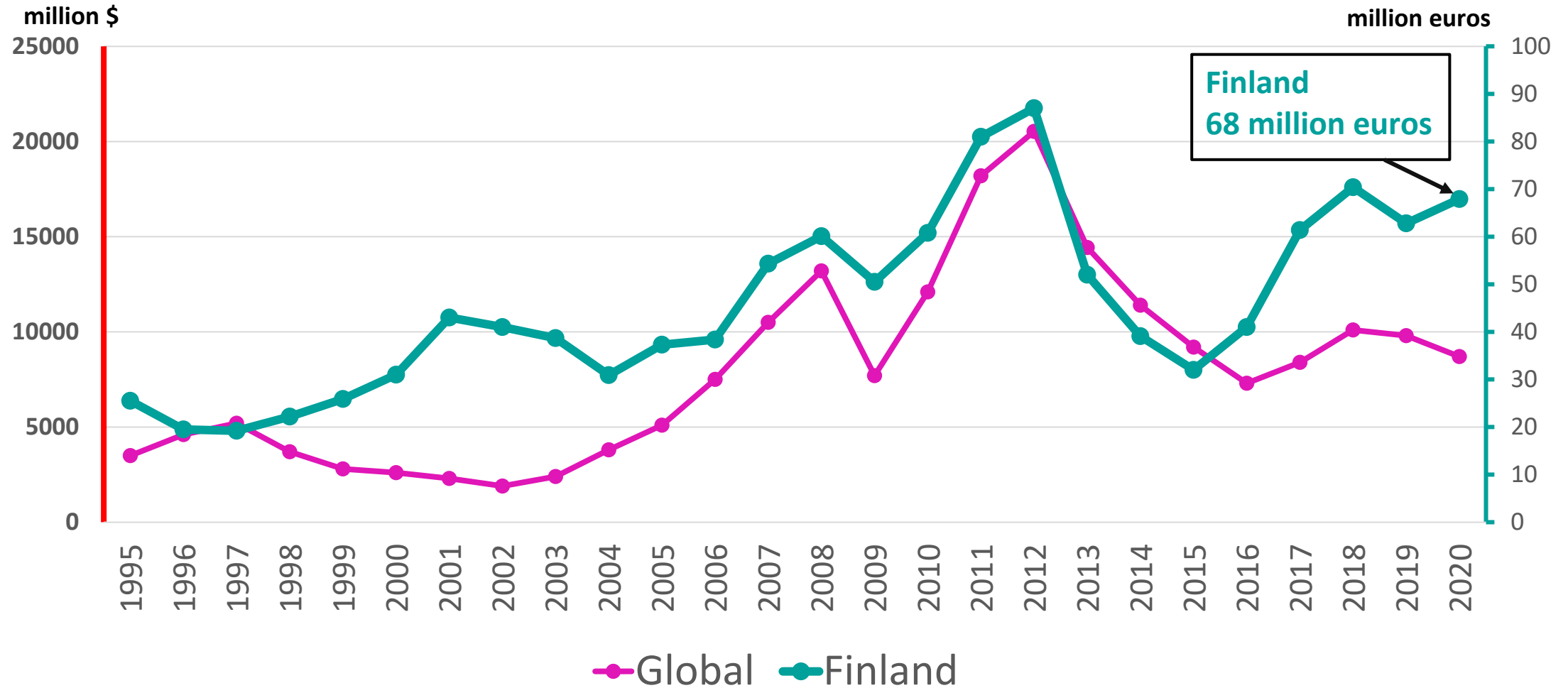
NEW  
1.10.2020

**Eeva Viljamaa**  
Planner

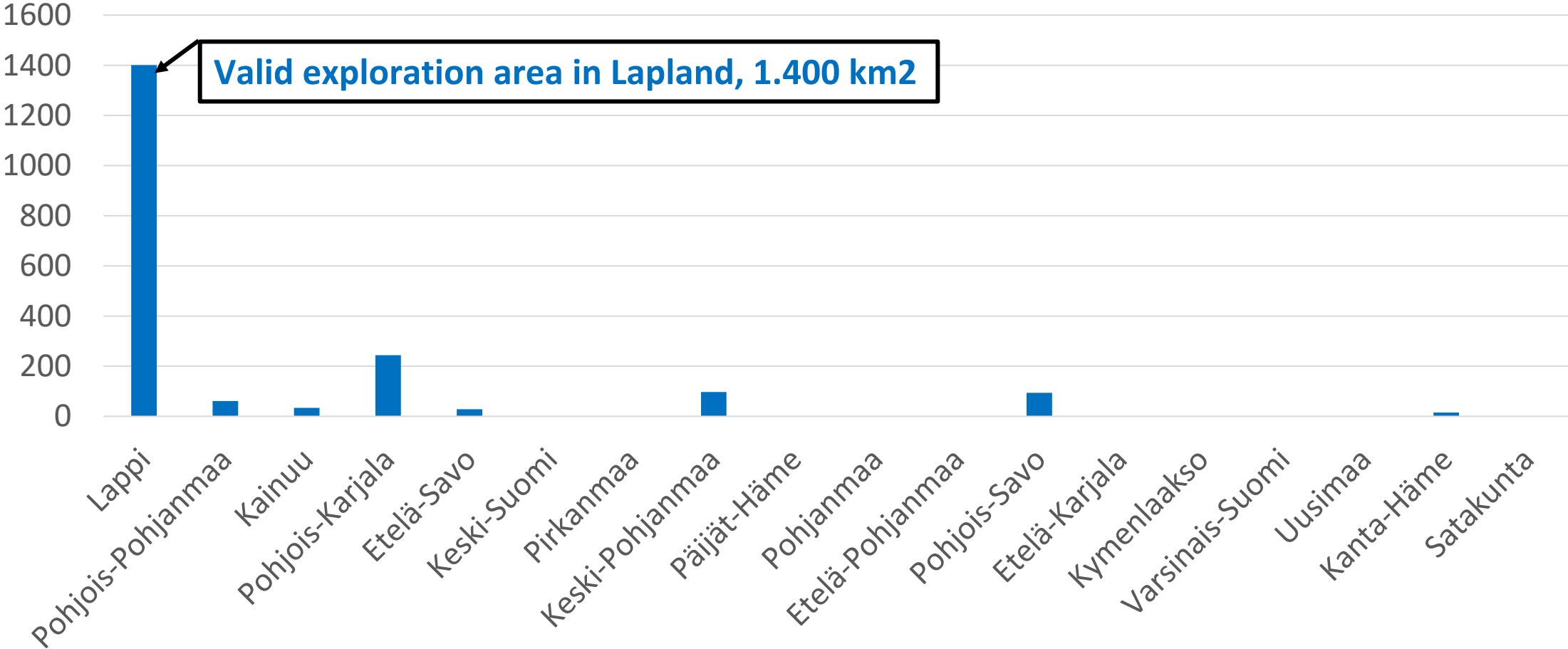
NEW  
3.5.2021

**Antti Mikkola**  
Senior Officer

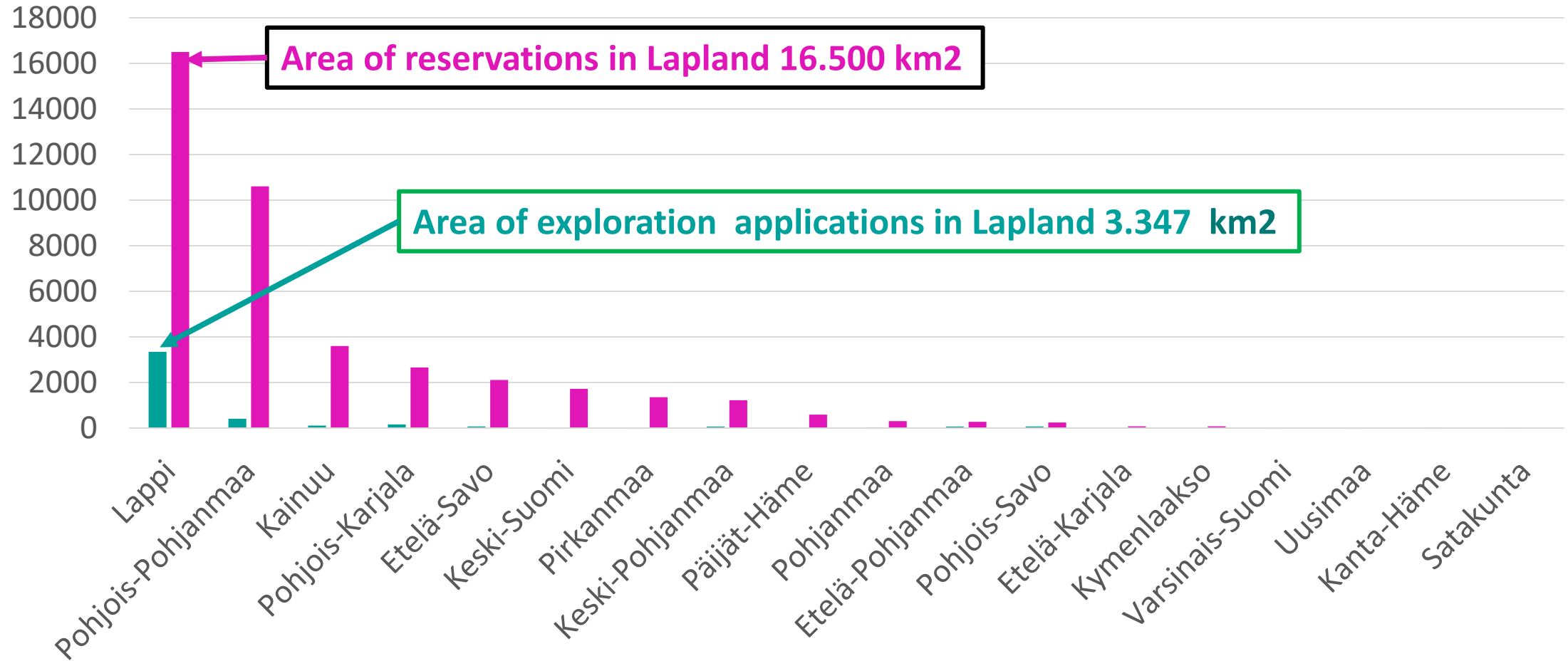
# Investments in ore prospecting 1995–2020



# Mineral exploration activity in Finland by province

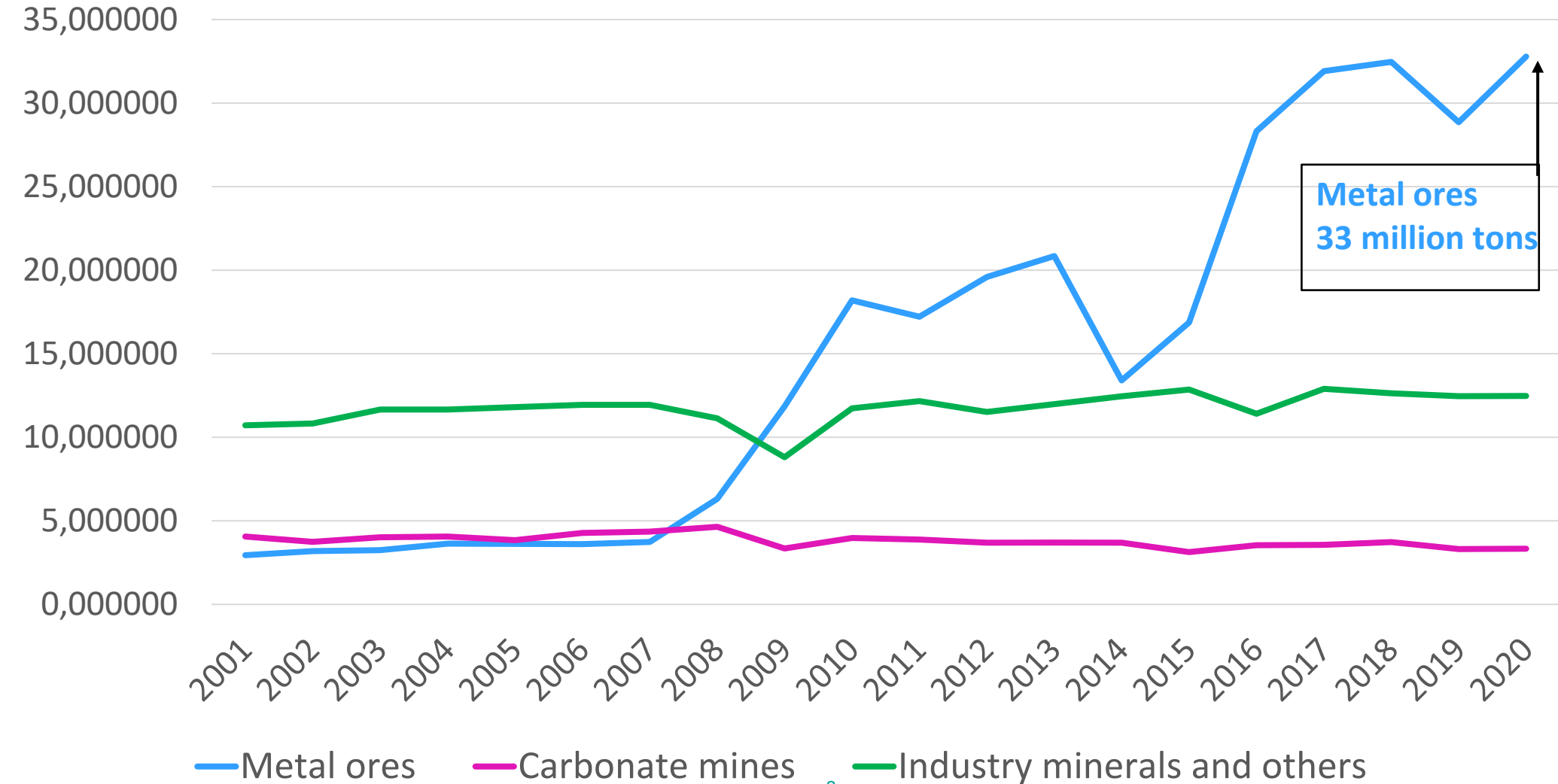


# Total area of exploration applications and reservations by province



# Excavation (tons) for ore in 2001–2020

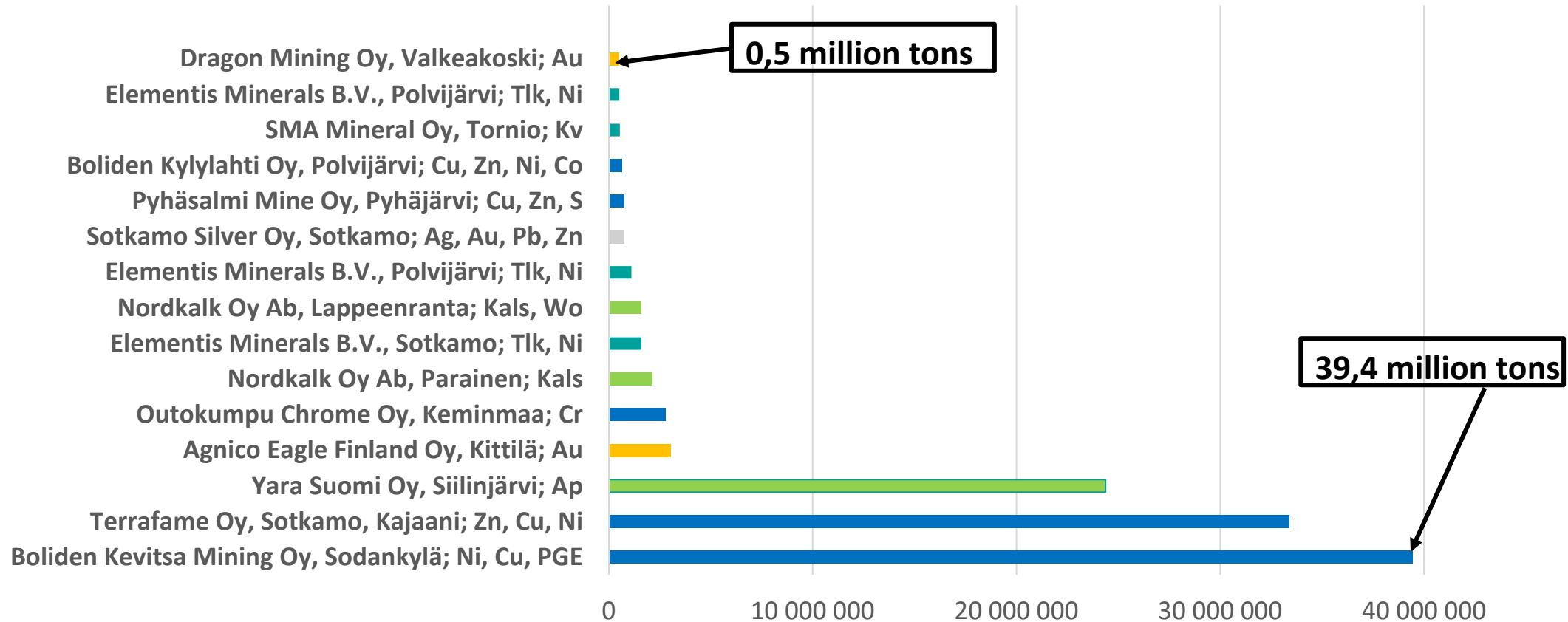
Million tons



Metal ores  
33 million tons



# Total excavation (tons) of 15 biggest mines in Finland 2020



# Question number 1:

- Is there any possibility that the time taken to process applications and renewals / extensions and appeal processes could be reduced.

Tukes:

- The problem is real! The number of mineral exploration permit applications filed in turned sharply upwards since 2016 - Tukes was not able to react quickly enough. With the Covid-19 crisis, metal prices are rising. We are trying to improve the run. Tukes has recruited 3 people in the last six months to process and renew and extend permits.
- The time taken for appeals processes has shortened as the knowledge and experience of administrative courts has increased. Tukes cannot influence this process.

	2020	2019	2018	2017	2016
No. of prospectors	61	46	44	46	41
No. of reservation notifications filed in Tukes	92	88	50	96	68
No. of exploration applications (claims) filed in Tukes	113	149	148	185	98

# Question number 2:

- The process appears to be becoming very prolonged and unpredictable, making it very difficult for Companies to plan and finance, or budget, exploration expenditures in Finland.

## Tukes:

- We understand the concerns of the companies and right now in the mining group we are very pleased with the additional resources we have received for staff at Tukes. We have recruited experts who are very familiar with mineral exploration and mining.
- We encourage companies to inform Tukes of your plans and your schedule expectations. We are always ready for a conversation. The Covid-19 crisis has shown that we can effectively hold video conferences at Teams.
- Finally! For understandable reasons (for example, financial problems), companies are not always able to act consistently on every permit or application areas. That's why company can prioritize their own applications in a queue. Ofcourse a half year later, the opinion of wanted decision has often change! Sorry for the little sarcasm.

# Question number 3:

- Also could the situation in relation to exploration and development with regard to the SAMI people be clarified.

Tukes:

- The Sámi Parliament has a very strong political will to strengthen sovereignty in land use matters in Upper Lapland.
- Since 2011, the Sámi Parliament has acted purposefully, e.g. makes it difficult for small-scale gold panning in Upper Lapland.
- An appeal against GTK's exploration application has been pending before the Supreme Administrative Court for more than two years. The case is difficult for the court.

# Question number 4:

- Finland has traditionally enjoyed a high rating in the FRASER Institute Annual Survey which has been well deserved. This high rating has however begun to fall. For those of us who have had a long and happy relationship with Finland it would be a great pity if this decline were to continue and Finland become unwelcoming / unattractive for the exploration and mining industry.

Tukes:

- Thanks for the positive feedback, even though you found many points where we could be more successful.
- We are aware of the problems with the processing of permits and are eagerly looking for a solution. The Tukes mining Unit has skilled and committed personnel, but we have not kept pace with the needs of mineral exploration companies by understaffing.

# Question number 5:

- An English translation of documentation would be most helpful.

Tukes:

Mining act in and Government degree in English:

[Mining, ore prospecting and gold panning - Finnish Safety and Chemicals Agency \(Tukes\)](#)

# 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](mailto:kaivosasiat@tukes.fi) / [miningauthority@tukes.fi](mailto:miningauthority@tukes.fi)

## Homepage of the mining authority

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

## Mineral Deposits, Exploration and Mining Registry (in English)

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

