



AFRY

Future Geo-expert

18.1.2024

Sofia Malmström

&

Lauri Rinne

AFRY IN BRIEF

# About us

AFRY provides engineering, design, digital and advisory services to accelerate the transition towards a sustainable society.

We are

**19,000**

devoted employees creating impact for generations to come.

Net sales of

**24 BSEK**

Nordic roots with a global reach and listed on Nasdaq Stockholm.



OUR OFFERING

## Infrastructure

Real estate, Rail & Road,  
Architecture, Environment, Water

## Process Industries

Pulp, Board, paper & tissue, Biorefining,  
Chemicals, Mining & Metals, Batteries,  
Textiles, Power-to-X

## AFRY X

Digital services, Cyber security, Smart Forestry, UX,  
Business intelligence, Data Analytics

## Industrial & Digital Solutions

Food & Life Science, Product and  
Software Design, Automation, Defence

## Energy

Hydro, Renewables, Nuclear,  
Transmission & Distribution

## Management Consulting

Market analysis, Strategic advice  
M&A and transaction services,  
Sustainability consulting

# Geologists at AFRY

- People with geoscience background have found their place in different teams and in various roles
  - Rock engineering and underground spaces
  - Mining infrastructure
  - Mining environment
  - Water restoration
  - Groundwater
  - Contaminated areas and risk management
  - Environmental impact assessment
  - Seismology
- Hydrogeologists, geophysicists, geochemists, paleontologists...

# Mining environment (Sofia)

- A diverse group of environmental and technical experts, e.g. geologists, engineers, chemists and physicists
- The work is closely related to the environmental impact assessment, the technical design of mines and profitability studies

# Nuclear BU (Lauri)

- Mostly technical experts
- Seismic risk and hazard studies, not only for nuclear related projects, but also for geothermal energy, dams and heat storage projects, etc.  
Environmental impact assessments, GIS-mapping.



**Sofia Malmström**  
**Consultant, Mining Environment**

- Laws, regulations
- Knowing how to use GIS/Python etc. makes life a lot easier
- Project and document management, get good at it!
- Time management (and mind management !☺)
- Clear and concise communication

**Lauri Rinne**  
**Specialist, Geology and Geophysics**

- Laws, regulations
- Knowing how to use GIS/Python etc. makes life a lot easier
  - Know-how in these also makes you able to take a part in projects not directly related to your expertise, i.e. everybody loves a nice map.
- Project and document management, get good at it!
- Describing geological things to people who do not have background in geology

*"But there are no earthquakes in Finland!"*

---

## AFRY Future Stars – programme

- For master's students
- A year-long career path program that is flexibly structured around summer jobs and part-time jobs during the academic year
- Apply to our team! <3
  - The application for the mining environment department is open until **February 22**
- The link to the job announcement can also be found on Vasara's Facebook page and of course by googling it 😊
- Ask brochures from Sofia or Lauri!

