



PanAfGeo+

Partnerships and Capacity Building

The Pan-African Support to Geological Sciences and Technology

Snježana Miletić, Geological Survey of Slovenia / ICE-SRM EU

National AMREC/PARC – UNFC Workshop

Southern Sun Hotel, Pretoria, South Africa

12-13 May 2026

**UNFC Capacity building programme Train-the-trainer
by ICE-SRM EU**



**Funded by
the European Union**

Implemented by:



Content

ICE-SRM EU Capacity building

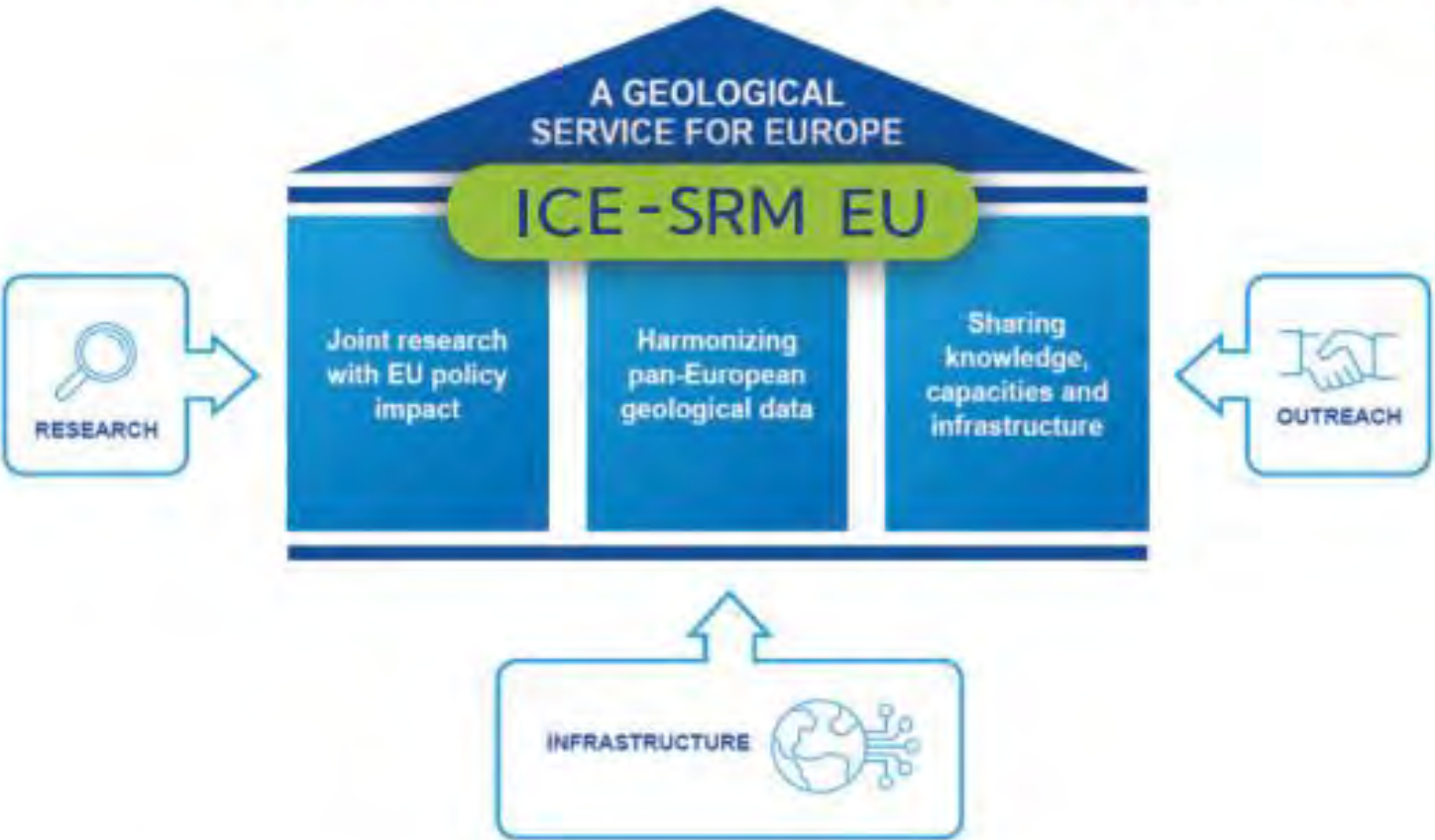
Main aim and target groups

Three level approach, structure

Trainers and participants

A Roadmap

EU International Centre of Excellence on Sustainable Resource Management

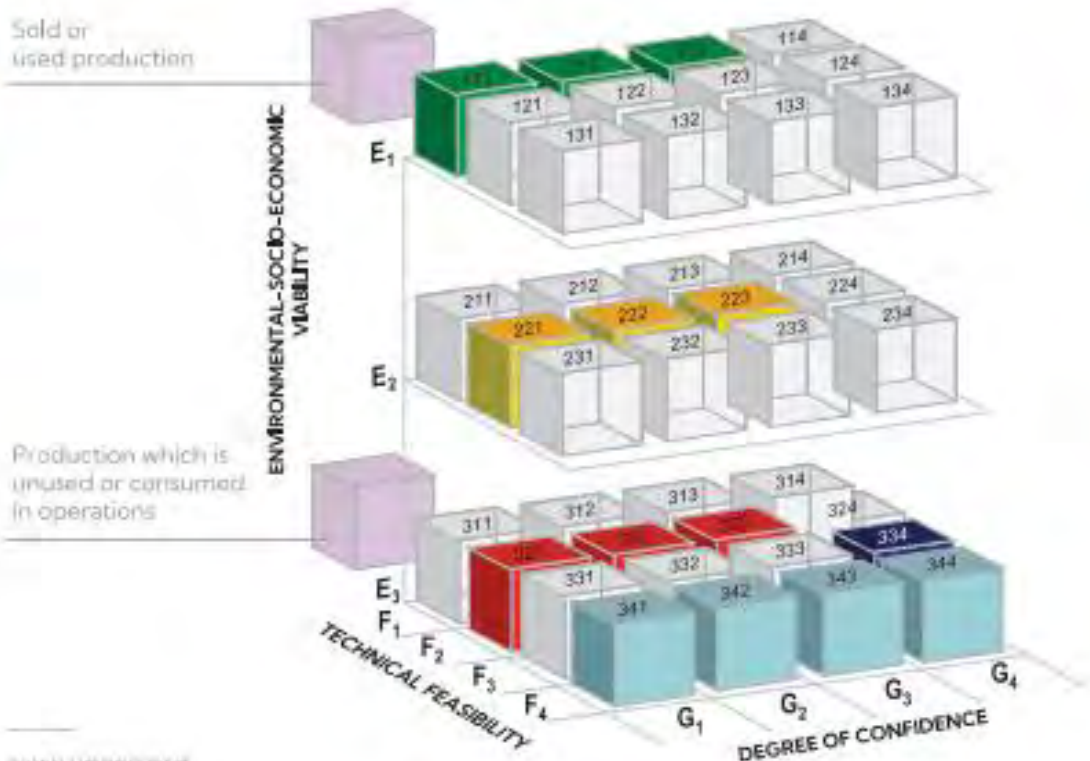


Capacity Building and Knowledge Centre in support of UNFC and UNRMS



UNECE ICE-SRM

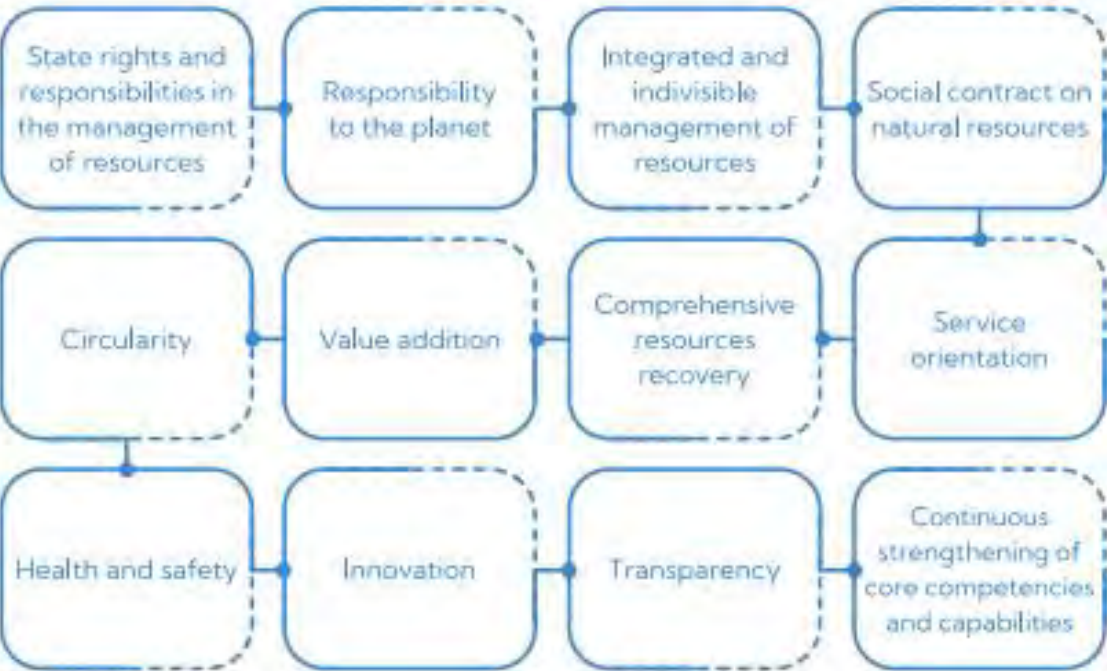
Promotion, Capacity Building on UNFC



Support UNRMS, in line with the UN 2030 Agenda for Sustainable Development



UNRMS Fundamental Principles



UNFC Train-the-trainer programme → MAIN AIM AND FOCUS

MAIN AIM

- to help the implementation of UNFC, support the CRMA and EU members states.

GOAL

- to provide relevant stakeholders involved in raw materials with knowledge on the function and implementation of the **UNFC in accordance with CRMA**, related to reporting on **national exploration programs**.

FOCUS

- on mineral resources - **critical raw materials**.

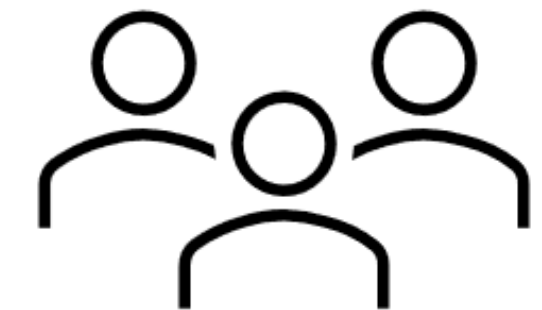
GSEU UNFC Trainings - target groups

Raw material **experts from public organisations:**

- GSEU WP2 **project partners**;
- Staff of national and regional **Geological Survey Organisations** (GSO);
- Staff of **national, regional and local authorities** (i.e. ministries, mining authorities, state mining offices)

working on issues as:

- resource estimations
- raw material inventories
- permitting
- forecasts
- monitoring

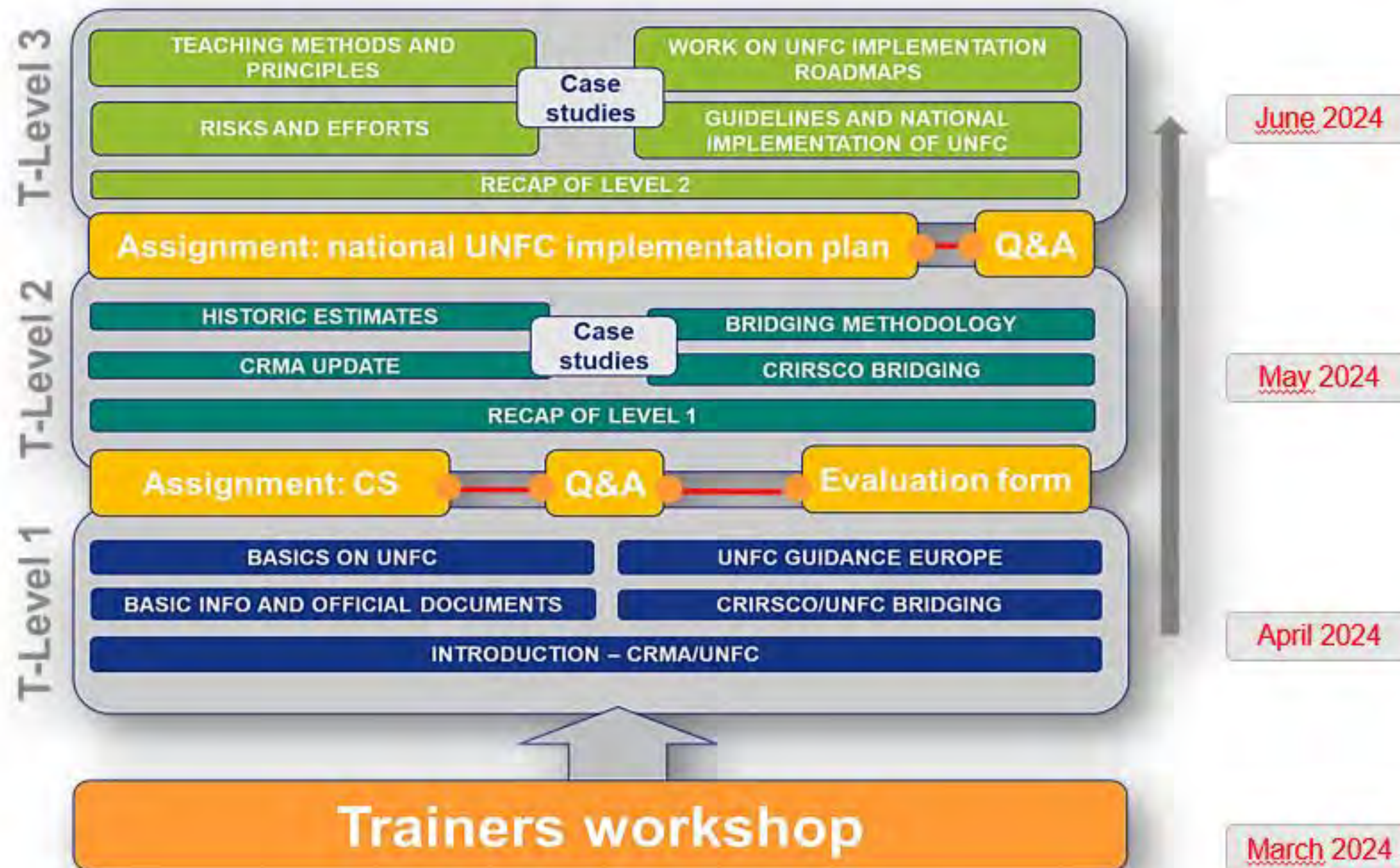


UNFC Train-the-trainer programme → THREE LEVEL APPROACH



A learning plan for the three-level approach of the Train-the-Trainer capacity-building program.

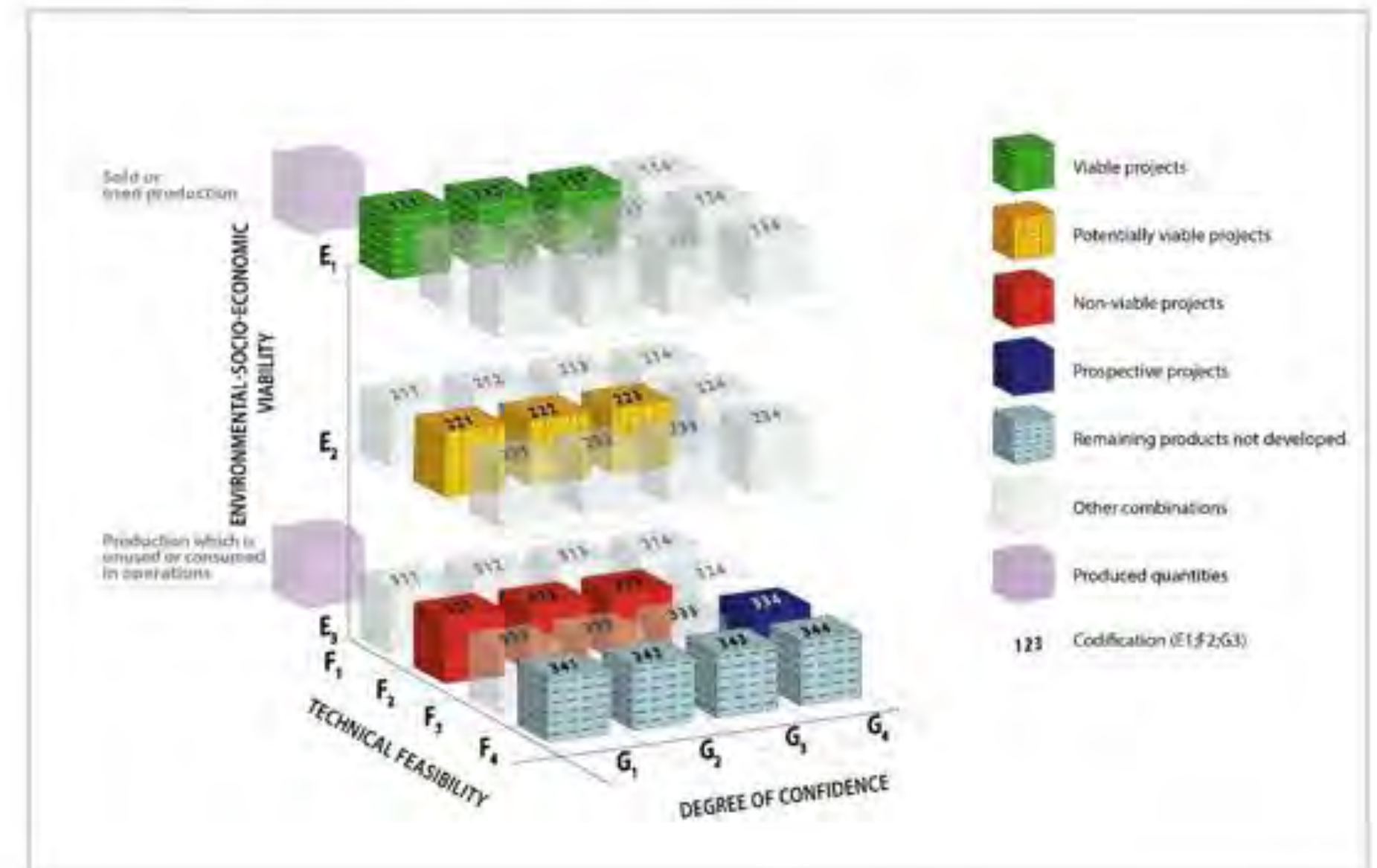
UNFC Train the trainer programme → STRUCTURE (March – June 2024, Ljubljana, GeoZS)



UNFC Train-the-Trainer programme → TRAINERS

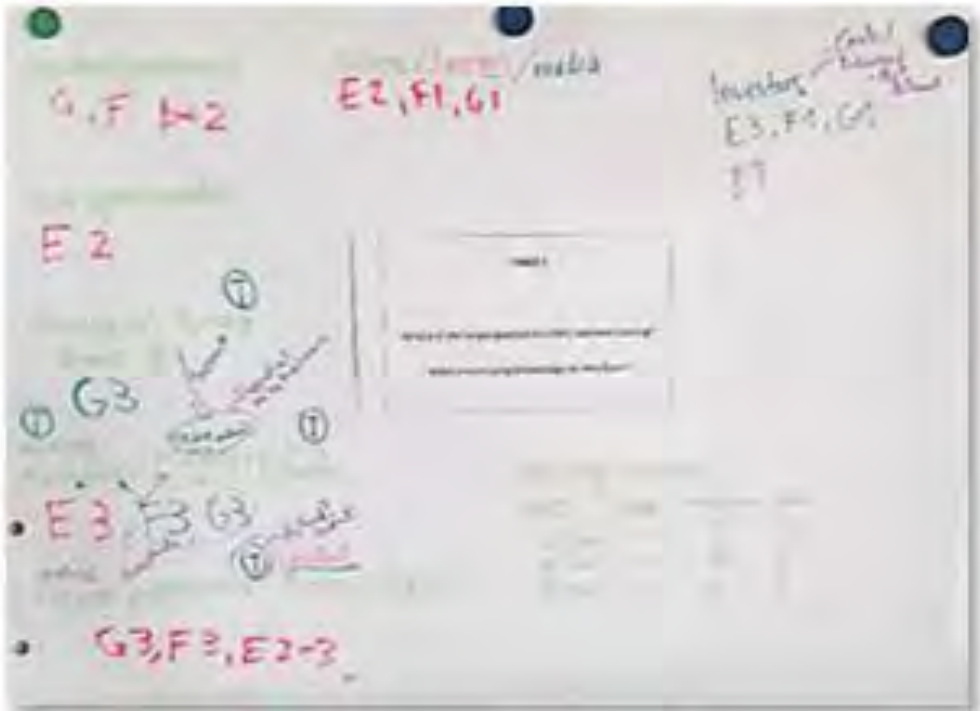
14 UNFC experts designed and implemented the trainings:

- GSO – partner organisations from GSEU
- members of the UNECE EGRM
- members of the Network of Practitioners Europe
- members of the UNFC Adoption Group



UNFC Train-the-Trainer programme → PARTICIPANTS

Level 1	Level 2	Level 3
79 <u>participants</u>	44 <u>participants</u>	44 <u>participants</u>
18 in person	44 in person	44 in person
26 European countries	20 European countries	20 European countries
12 <u>Mining Authorities</u>	4 <u>Authorities</u>	4 <u>Authorities</u>



GSEU UNFC Trainings – Level 1

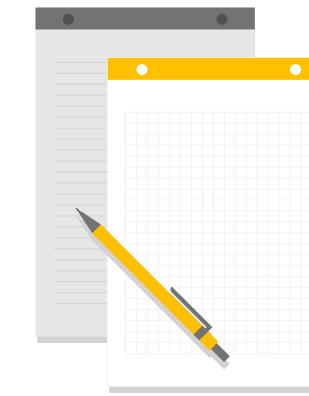


General principles – for everyone | 15-16 April 2024, Ljubljana & on-line

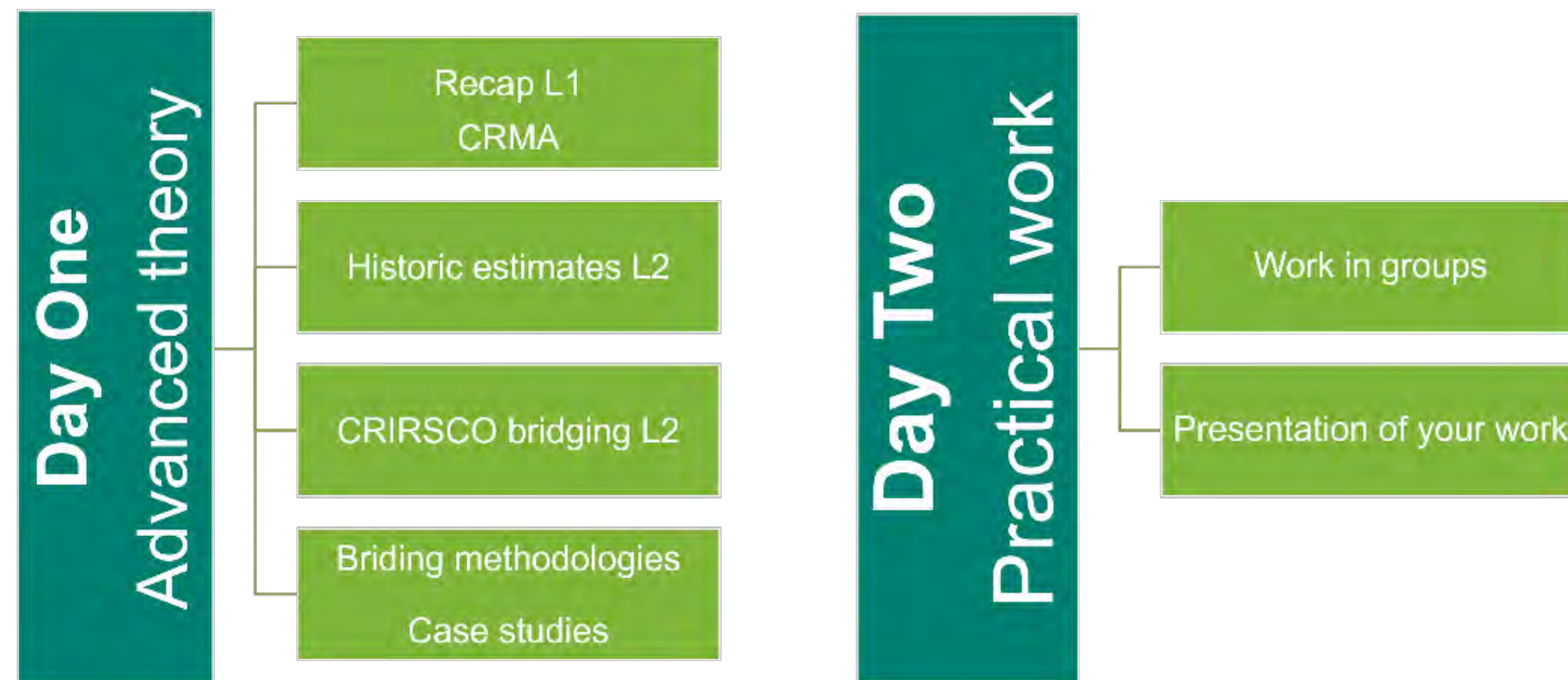


- The participation was exceptional: 79 participants from 26 European countries took part in the training.

GSEU UNFC Trainings – Level 2



User need specifics – for practitioners (practical users) | 14-15 May 2024, Ljubljana

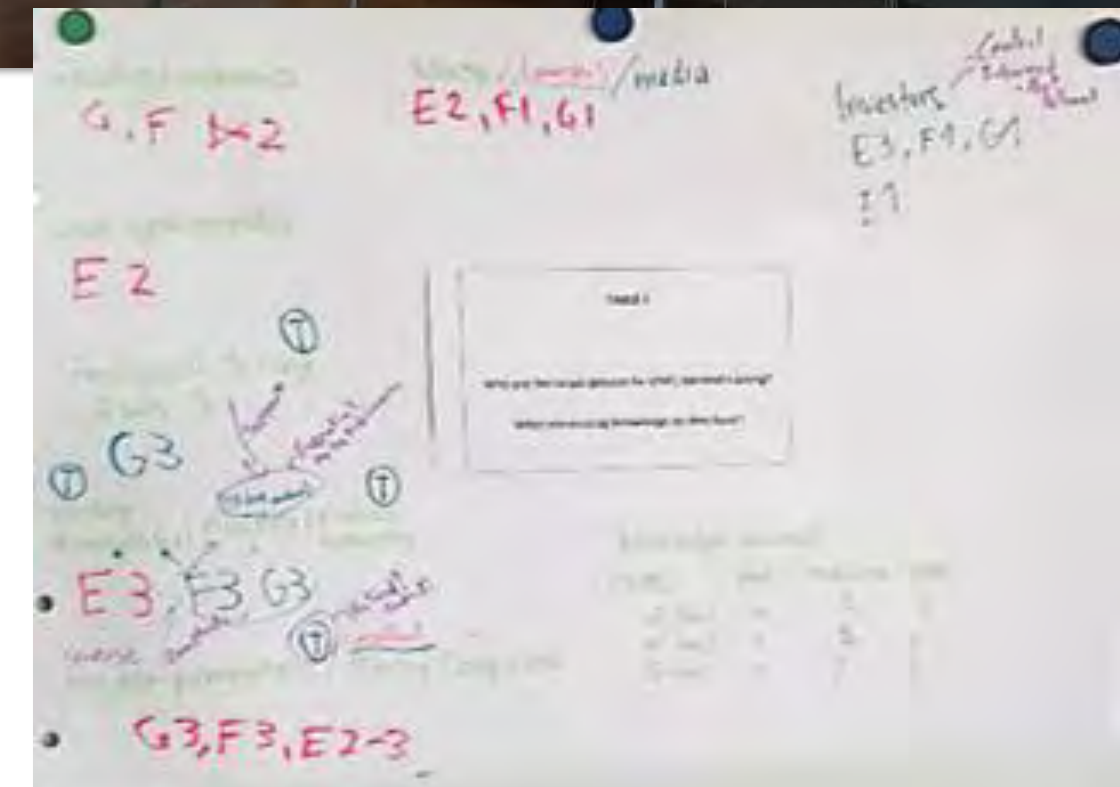
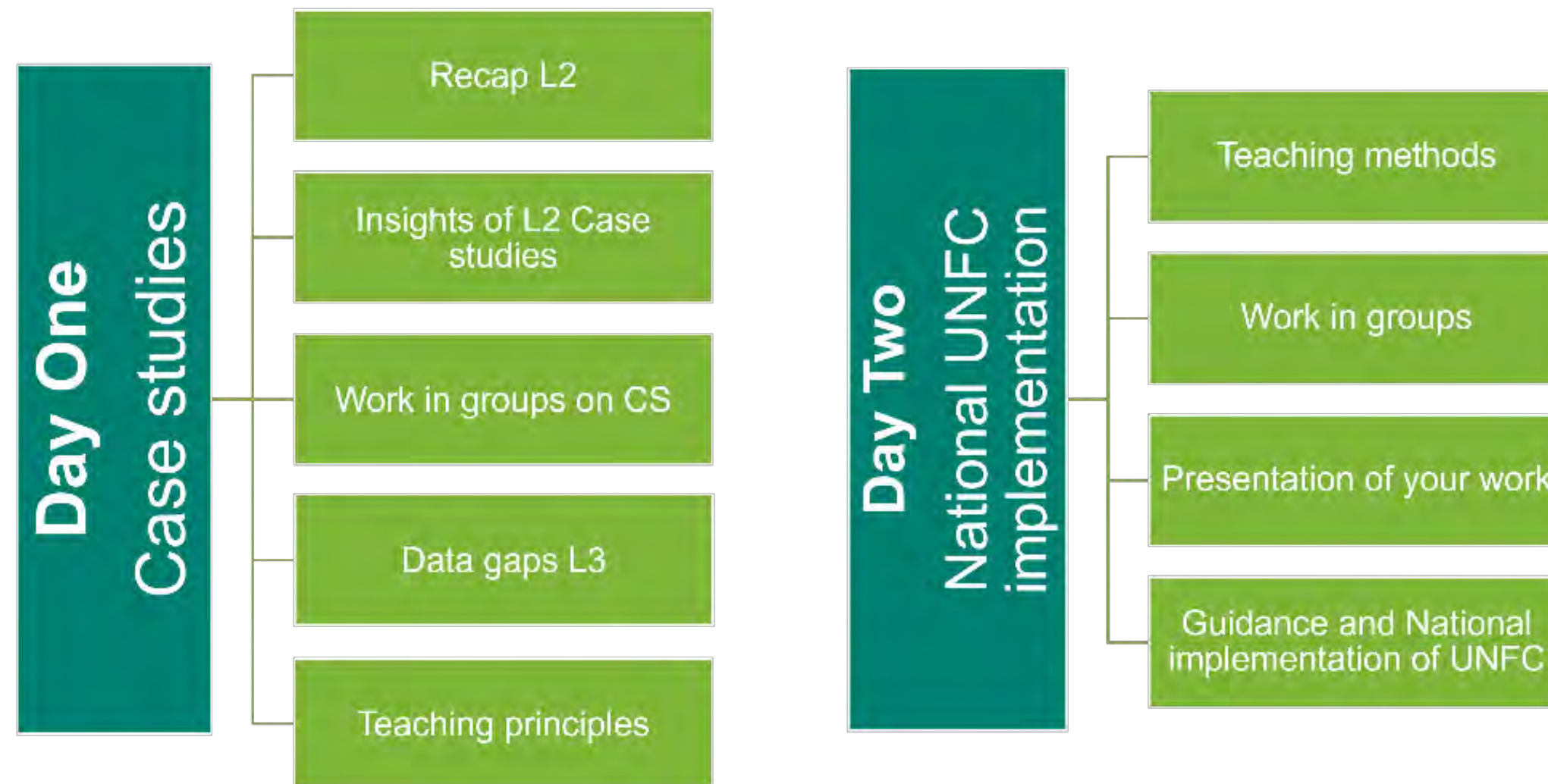
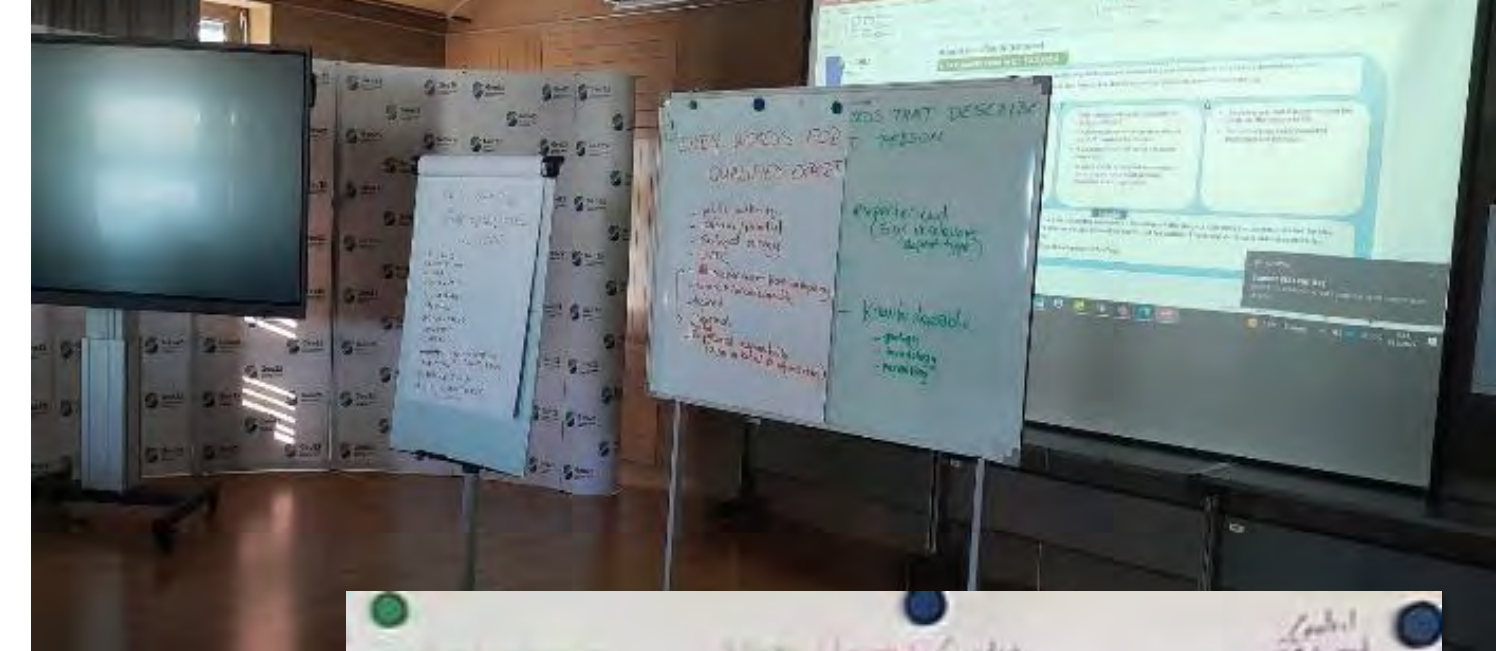


- We hosted 44 participants from 20 European countries
- Deepened theoretical knowledge of the UNFC
- Worked on several case studies from different participating countries

GSEU UNFC Trainings – Level 3



Going into case detailed – for trainers | 18-19 June 2024, Ljubljana



- The UNFC Train-the-Trainer programme was concluded with the Level 3 workshop.
- We hosted 44 participants from 20 European countries, training was attended by UNECE observers.
- Devoted to hands-on exercises, national UNFC implementation and discussions on trainees' reflections.

UNFC Train-the-Trainer Programme → A ROADMAP



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UNFC promotion and education activities implemented by the ICE-SRM EU experts:

- Federal Institute for Geosciences and Natural Resources (BGR) organised the [UNFC webinar for industry and administration](#) (12/7/2024)
- UNFC workshop (online) on secondary resource for the recycling industry – organised by [DERA](#), 6/5/2024.
- George Hadjigeorgiou (GSD Cyprus) held a [Presentation of UNFC update 2019](#) (June 2023)
- Cyprus Geological Survey Department (GSD) conducted eight trainings:
 - Cyprus Geological Survey Department's personnel trainings: Level 1: 24 & 25/9/2024, Level 2: 15 & 16/10/2024 and Level 3: 19 & 20/11/2024
 - Training of Government Service's personnel: Level 1&2: 26/9/2024
 - Private sector and geologist training: Level 1&2: 10/10/2024
- The State Commission on Minerals Reserves of Ukraine organised the conference "[Subsoil use in Ukraine. Prospects for investment](#)" (7-11/10/2024) with the UNFC workshop
- Direcção-Geral de Energia e Geologia (DGEG - Mining Authority) from Portugal successfully conducted a three day [UNFC training program in Portuguese for DGEG](#) on 5, 7 & 10/2/2025
- UNFC and CRMA Workshop for public authorities (Ministries, State Geological Surveys and Mining Authorities) – organised by [BGR](#), 16 & 17/12/2024.
- Geological Survey of Belgium and the Flemish Department of Environment are organising a UNFC workshops to support implementation of the CRMA: UNFC Basics on 30/4/2025, UNFC Advanced 1 on 7/5/2025 and UNFC Advanced 2 on 14/5/2025.
- PERC & UNFC Workshop for geologists (public, private, academia), organised by [BDG](#), 25/4/2025 and PERC & UNFC Trainings course for experts at [11th Meggen Raw Materials Days 2025](#) on 12/9/2025.

ICE-SRM EU Platform

<https://ice-srm.eu/>



- Promotion of UNFC by SARA team:
 - Annual Mining Conference, Herceghalom, Hungary, 21/11/2024: presentation: Support of the implementation of the CRMA (with reference on GSEU activity and UNFC)
 - Annual Conference of Aggregates Mining, Velence, Hungary, 19-21/3/2025: presentation Domestic supply of construction raw materials (with reference on UNFC)
 - XXVIth Conference on Mining, Metallurgy and Geology. Sighişoara, Romania, 3-6/4/2025: poster Application of UNFC in the GSEU Project – Results (Balint Polonkai, Arpad Mate, Attila Balint, Zoltan Horvath)
 - At the end of May 2025, the team organized a three-level training for its staff on the UNFC and critical raw materials. Participants learned about the provisions of the EU Critical Raw Materials Act (CRMA), key UNECE documents, and practiced the application of UNFC through case studies. The training aimed to support sustainable resource management, regulatory compliance, and the development of the national UNFC guidance. Attendance increased over the three sessions, and all participants found the program highly beneficial. The hybrid format enabled mining officers, researchers, and managers to work together effectively on tasks related to critical raw materials.
 - On 10/9/2025 the team held a lecture series on sustainable resource management for industry stakeholders and experts. In addition to a theoretical overview of the relevant national and international regulations, participants gained international resource classification skills that support the practical implementation of the EU Critical Raw Materials Act, enhance the efficiency of domestic and international data reporting, and contribute to both research and corporate resource management.

Thank you
Merci
Obrigada



*In this presentation, the **ICE-SRM EU Training materials** has been used:
<https://ice-srm.eu/temp-e-learning>*



ICE-SRM EU

A EuroGeoSurveys Initiative

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