National Data Centre Capacity Building Training Cycle on the Access and Analysis of IMS Both Particulate and Noble Gas Radionuclide Data

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INTRODUCTION

The new National Data Centre (NDC) Capacity Building Training cycle on the access and analysis of International Monitoring System (IMS) radionuclide data was launched in 2022 based on the collected feedback during the previous trainings and meetings

METHODS/DATA

The systematic approach to training (SAT) model was applied to develop and enhance the NDC training cycle. it consist of identifying training needs, design learning programme, implementing learning programme and evaluate training

START

RESULTS

The full training cycle has been delivered in 2022 in online format.

The first in-person training of the new cycle was delivered in March 2023

CONCLUSION

The new Training Cycle based on Systematic Approach to Training (SAT) model, is proved to be efficient.
The evaluation phase is a key factor which is injected into the process for continuously enhancing the programme.

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- The new training cycle was launched in 2022 based on collected feedback during the previous trainings and meetings;

- The Capacity Building and Training section and in cooperation with Software Applications section took the initiative to design and draft the programme of the new training cycle;

- The cycle includes three consecutive trainings with a two weeks duration each;

- An introductory course on radionuclide IMS data and IDC products for both particulate and noble gas. Open to all NDCs technical staff, it aims at providing basic knowledge for accessing radionuclide IMS data and IDC products, as well as familiarizing with software tools for the analysis of IMS radionuclide data;

- Two advanced training courses on radionuclide particulates and noble gas data analysis, respectively, are open to NDCs technical staff who had attended the introductory course or those having a good experience in radionuclide data analysis. It aims to further strengthen the analytical skills of NDCs technical staff on in-depth analysis of IMS radionuclide data.
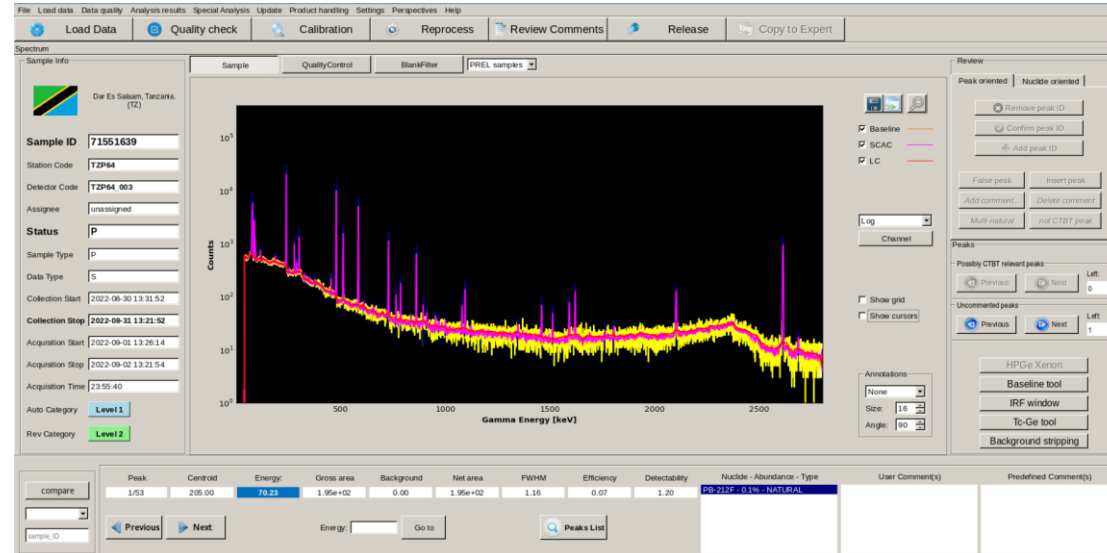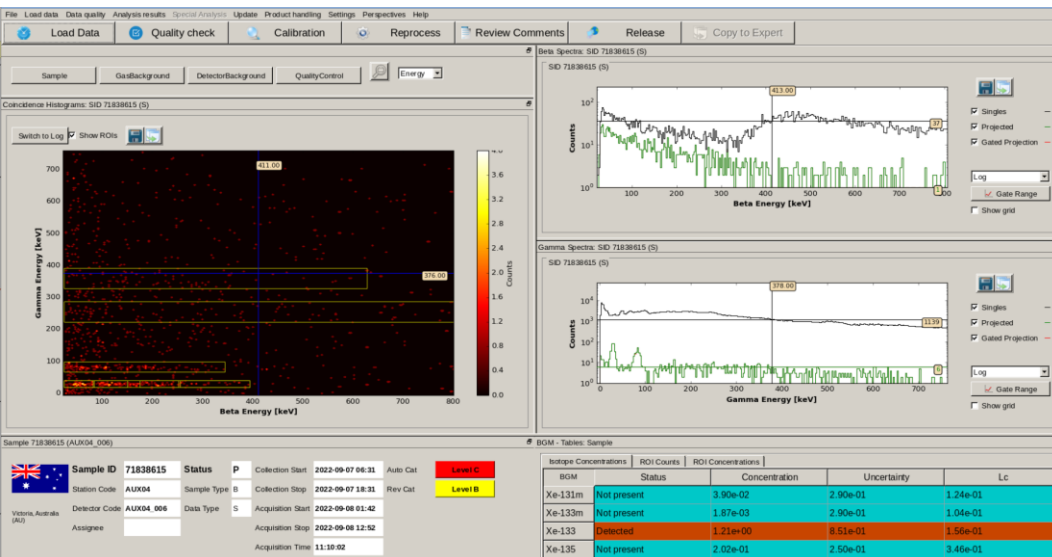
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Objectives of the new training cycle:

- To meet the high demand and expectations of State Signatories;

- To provide a chance to all NDCs with different levels and interests to apply and benefit from the capacity building opportunities;
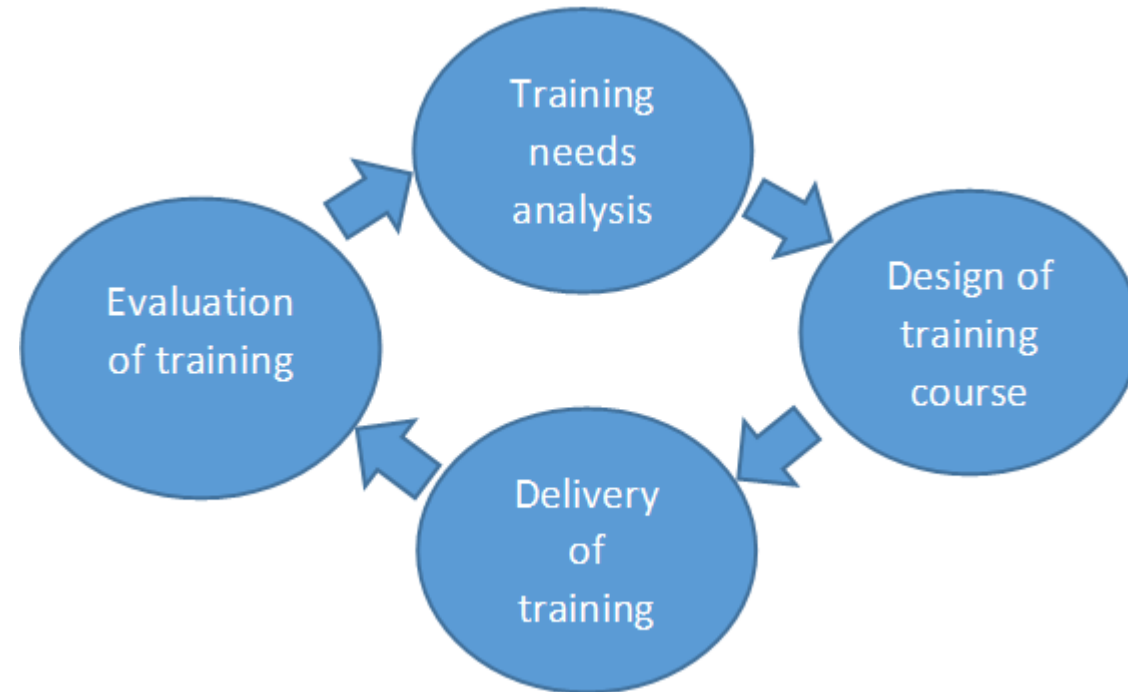
- To address specific needs of NDCs.

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Systematic Approach to Training (SAT) model

- Identifying and defining training needs;

- Designing learning and development programme;

- Implementing learning events and programmes;

- Evaluating training.

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Identify and define training needs

- Number of received applications
- High demands from NDCs
- Keep up with the developments
- Define objectives and goals

Main objectives of the introductory course:

- Understanding the role of National Data Centres in the CTBT verification regime;
- Providing sufficient knowledge for accessing and using IMS data and IDC products.

Main objectives of advanced courses:

- Building and improving the NDC capabilities;
- Strengthening the analytical skills of NDCs technical staff on both particulate and noble gas radionuclide data.

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Design of learning and development programme

- Training format (in-person or online)
- E-learning
- Blended learning

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Implementation of learning events and programmes

- Delivered full cycle of training in 2022 consisting of three online training courses

- Launched in-person format in 2023.

- Online introductory course 7 to 18 March 2022
37 participants from 19 states signatories and the PTS

- Introductory course 6 to 17 March 2023
14 participants from 14 states signatories

Evaluate training

- Online NDC Training Course - Advanced Training Course on Radionuclide Noble Gas Data Analysis, 14 to 25 November 2022

Q1
The objectives of the online training were clearly defined
Beantwortet: 12   Übersprungen: 0

Q2
The topics covered were relevant to me
Beantwortet: 12   Übersprungen: 0

Q3
The content was well organized and easy to follow
Beantwortet: 12   Übersprungen: 0

Q4
The materials distributed were helpful
Beantwortet: 12   Übersprungen: 0

Q5
The trainer was knowledgeable about the training topics and well prepared
Beantwortet: 12   Übersprungen: 0

Q6
Selected communication platforms Webex Meetings perfectly fit for conducting the online training
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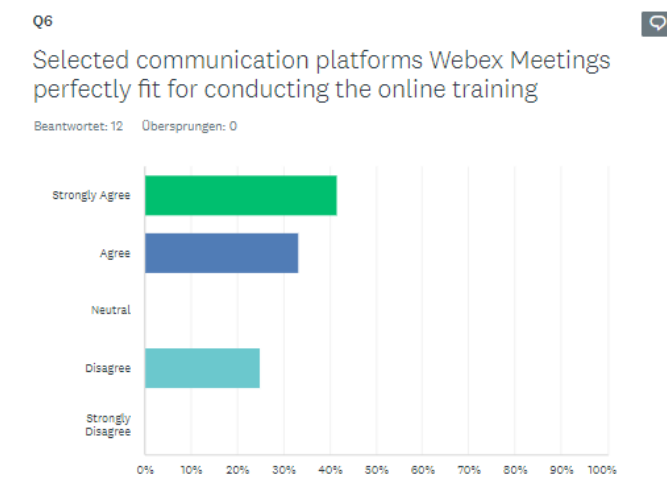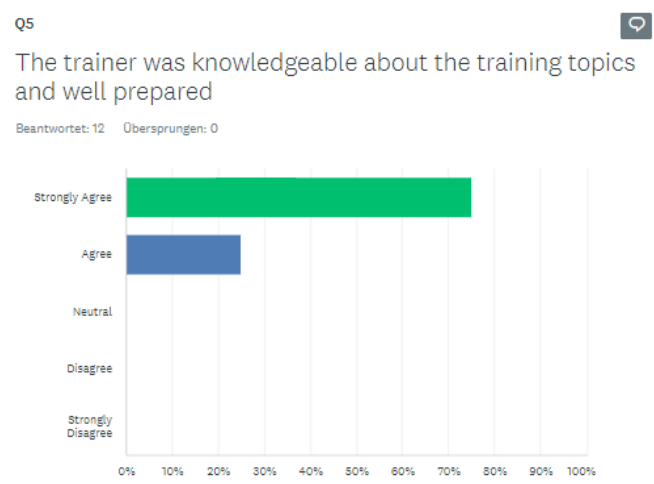
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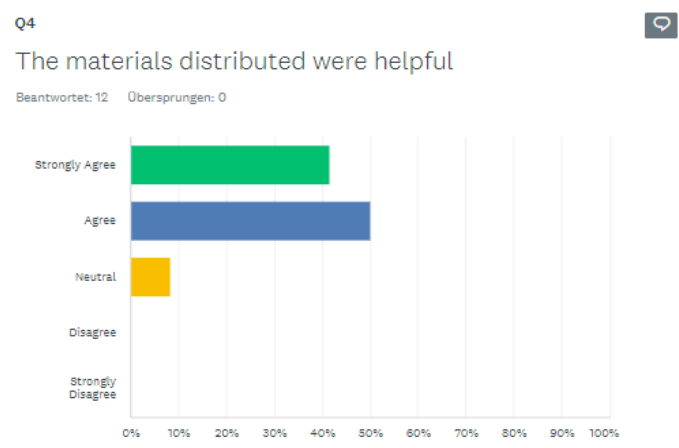OBJECTIVES
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Evaluate training

- Training Course on NDC Capacity Building: Introductory Training Course on Radionuclide IMS Data and IDC Products (particulates and noble gas),6 to 17 March 2023, Vienna, Austria
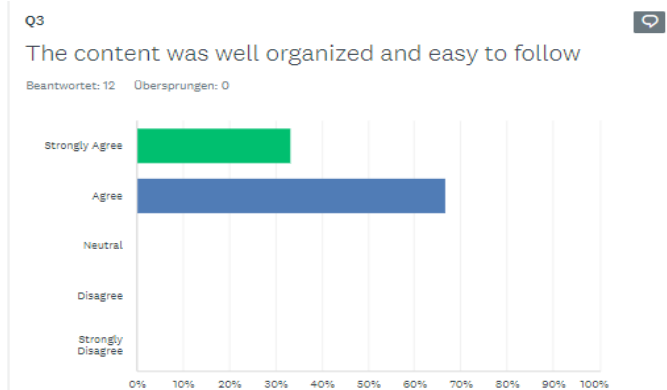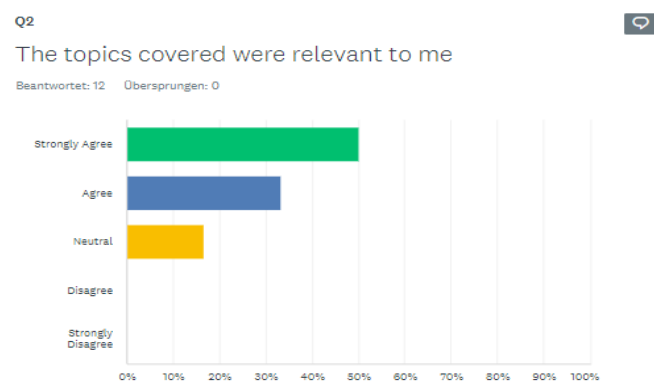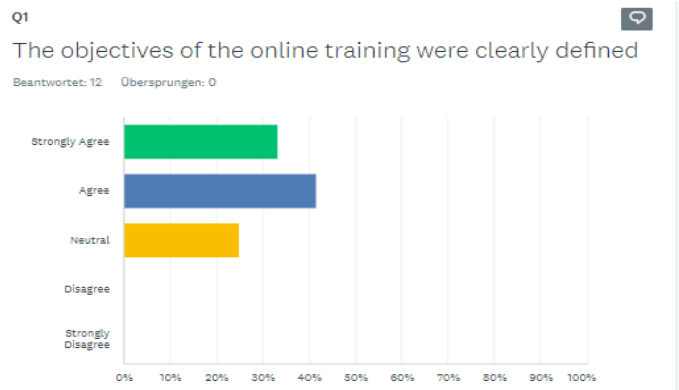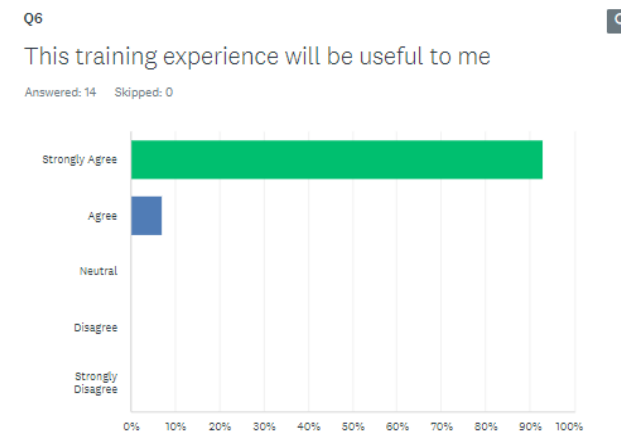

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New training cycle developed.

Full cycle delivered in online format:
- Online Training Course on NDC Capacity Building: Introductory Training Course on Radionuclide IMS Data and IDC Products (particulates and noble gas), 7 to 18 March 2022;

- Online NDC Training Course - Advanced Training Course on Radionuclide Particulate Data Analysis, 13 to 24 June 2022;

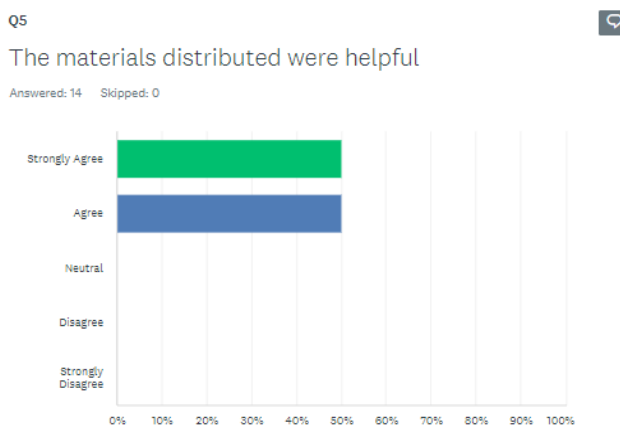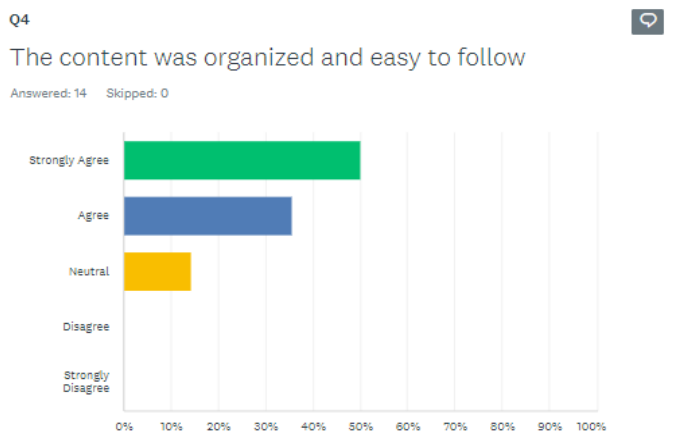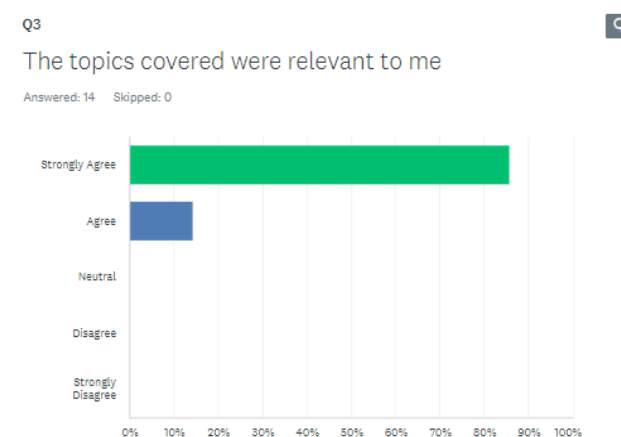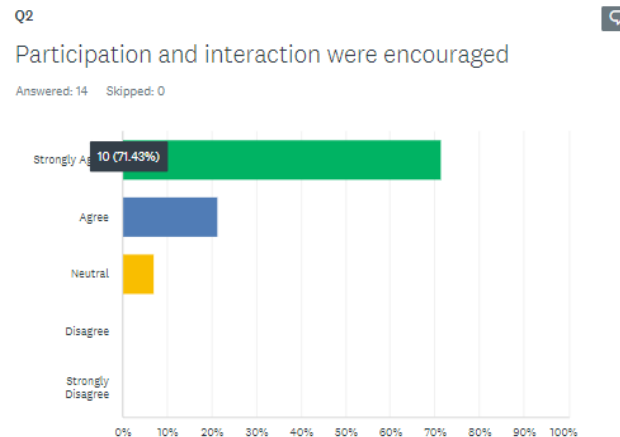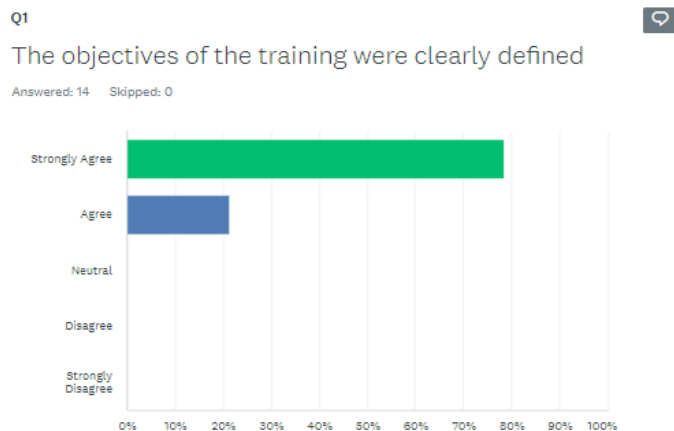- Online NDC Training Course - Advanced Training Course on Radionuclide Noble Gas Data Analysis, 14 to 25 November 2022;

New cycle launched in in-person format.
- Training Course on NDC Capacity Building: Introductory Training Course on Radionuclide IMS Data and IDC Products (particulates and noble gas), 6 to 17 March 2023, Vienna, Austria.

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The new Training Cycle on the access and analysis of IMS particulates and noble gas Radionuclide data, based on Systematic Approach to Training (SAT) model, is proved to be efficient.

This has been clearly demonstrated by the higher interest and wider spectrum of participating NDCs.

The outcome of the evaluation phase based on feedback from NDC participants is a key factor which is injected into the process for continuously enhancing the programme.

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