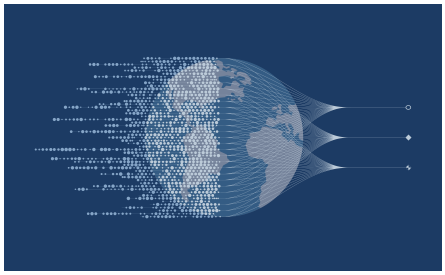

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BUE24 Radionuclide Scenario and Updates Needed Before IFE

The Build-Up Exercise 2024 (BUE24) in Hungary was the first large scale on-site inspection (OSI) exercise to involve a working tunnel complex, opening up new possibilities for the Scenario Task Force designing the exercise scenario. A scenario was developed that involved both radioparticulate detections at the tunnel entrance and radioxenon detections from shallow sub-surface samples taken in the vicinity of the hypothetical underground nuclear explosion site in the tunnel complex. The BUE24 radionuclide control team needed to make quick adjustments when their process of radioxenon injections into the analysis equipment encountered problems. Details of the scenario will be shared, and also adjustments that are planned for the control team's radioxenon injection process at the upcoming Integrated Field Exercise.

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