

Challenges and Perspectives in Document Management for the Extra-EU Import of Radioactive Material: An Integrated Approach Between Industry and Institutions

The import of radioactive material from non-EU countries is a highly regulated activity, requiring strict compliance with national and international legal and documentation frameworks. However, current authorization and customs procedures are characterized by operational complexity due to regulatory fragmentation among States, overlapping institutional responsibilities, and the lack of shared digital tools. This work, developed through collaboration between industrial operators and national authorities, presents an analysis of the key challenges faced by an Italian company in managing the import of radioactive material from third countries, with a focus on permit acquisition, documentation traceability, and authorization timelines.

The case study highlights the need for a structured intervention aimed at streamlining document flows and simplifying authorization procedures through solutions such as interoperable IT systems, harmonization of documentation requirements at the EU level, and the establishment of formal communication channels among competent authorities of different countries. The work also emphasizes the commitment of the Italian Authorities, particularly in ensuring effective engagement with economic operators and promoting an integrated approach that balances safety, regulatory compliance, and the efficiency of logistics operations. The proposed measures aim to offer a concrete contribution to the institutional debate on modernizing authorization processes, with a view toward increased efficiency, transparency, and international cooperation.

Country or International Organization

Instructions

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