Building Future Safeguards Capabilities
SYMPOSIUM
ON INTERNATIONAL SAFEGUARDS

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Use of an electronic reporting system to increase the efficiency and the effectiveness of safeguards implementation

Data security issues continue to be an overarching factor in cooperation among IAEA and States involved in safeguards implementation. Information provided by a State regarding its nuclear activities represents a significant part of the information used by the IAEA for safeguards implementation. The improvement of existing means for communication and data transmission simplifies and improves the implementation of safeguards.

Historically, the Agency received information from France on hard copies that is manually transformed by the IAEA into code 10 format and then loaded into Agency's information system.

France, looking at new ways of working smarter, proposes the submission of notifications in digital format, with the objective of creating a more effective and efficient system, while at the same time maintaining the security of prescribed information. France has already implemented electronic reporting system to exchange data and information with the European Commission.

Receiving this information in code 10 format similar to ICRs will significantly streamline the existing procedure. This digital format could enable the IAEA to process the information more efficiently, and there were long-term opportunities for the Agency to improve the resolution of transit matchings.

This electronic approach would establish a secure transmission channel that could be used as an alternative option for the exchange of information.

Lastly, the scope of this project emphasizes the importance of international cooperation and the need to maintain and improve the exchange of data to increase the efficiency and the effectiveness of safeguards implementation.

This paper aims to provide an overview of the project: the solution approach, the European Commission feedback experience, the security of data to exchange confidential information securely and the benefits realized by both side, through an creating effective cooperation.

Which "Key Question" does your Abstract address?

SGI1.3

Topics

SGI1

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