

# The IAEA Department of Safeguards

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# IAEA - Our Work

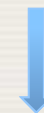
## Nuclear Technology & Applications



## Nuclear Safety & Security



## Safeguards & Verification



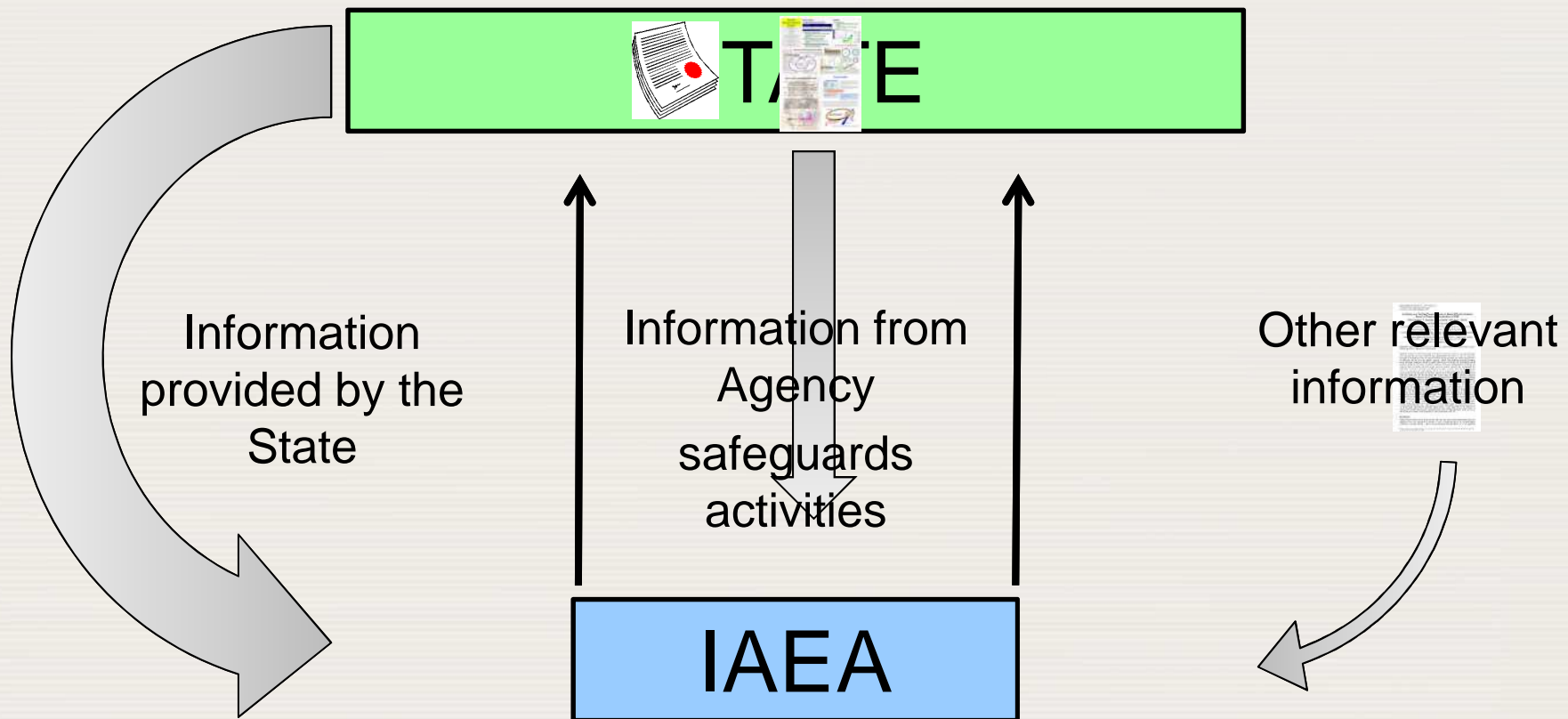
**Department of Safeguards**

# IAEA Safeguards

## Comprehensive safeguards agreements (CSAs) *with 173 States*

Article 2: “The Agreement should provide for the Agency's right and obligation to ensure that safeguards will be applied, in accordance with the terms of the Agreement, on ... for the exclusive purpose of verifying that such material is not diverted to nuclear weapons or other nuclear explosive devices”

# Ensuring the correctness and completeness of State's declarations



# Safeguards inspectors



786 staff members in the Safeguards Department  
from 95 countries

Nuclear operators, scientists, state authority, ....



# Safeguards equipment and instruments



Non destructive  
Assay



Non destructive  
Assay



Non destructive  
Assay



Surveillance



Seals



Non destructive  
Assay



Destructive Assay

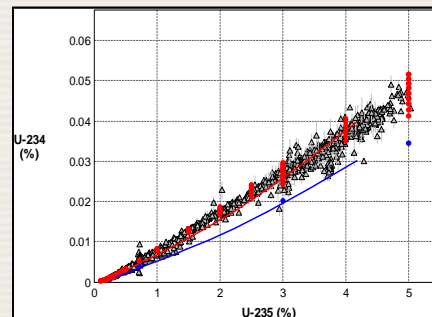
# Review and analysis of safeguards relevant information



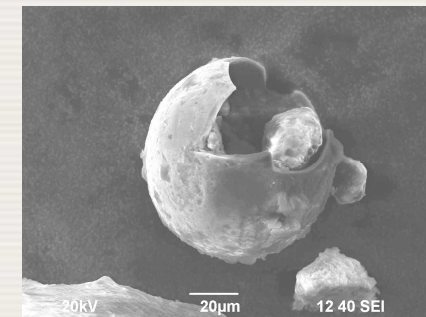
State Evaluation



Satellite Imagery



U enrichment assessment



Particle analysis



# Review and analysis of safeguards relevant information (2)





# Equipment and instruments preparation



Surveillance cameras



Seals



nuclear material measurement

# Some Implementation Statistics for 2014

- Number of facilities and locations outside facilities under safeguards 1267
- Nuclear material under safeguards  
97 t Pu; 1130 t Pu in spent fuel; 5 t HEU; 1300 t LEU  
(equivalent to 193 500 nuclear weapons)
- Number of inspections 2 732
- Number of seals 23 167
- Number of monitoring and measuring systems 2 608
- Nuclear material and environmental samples 904

*Regular Budget Expenditures: € 124 M; Extra budgetary: €31.8 M*