



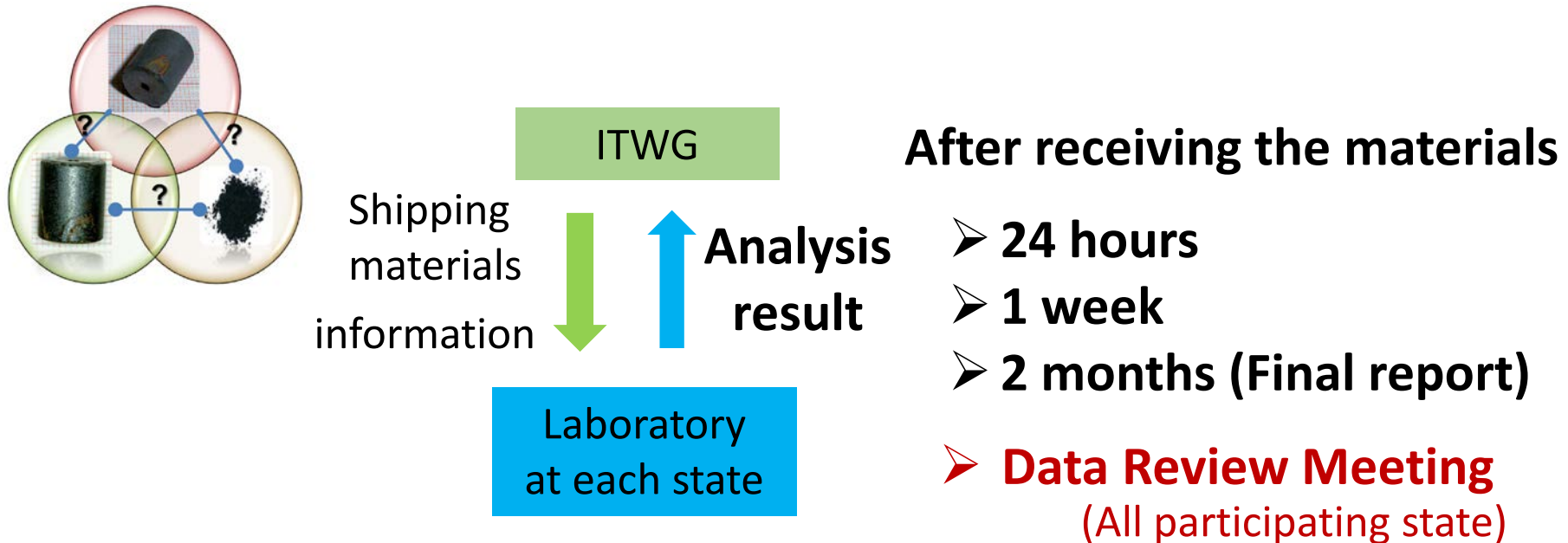
# **Developing Nuclear Forensics Framework as a NF Laboratory**

**Ayako Okubo**

**Integrated Support Center for Nuclear Non-proliferation and  
Nuclear Security (ISCN)  
Japan Atomic Energy Agency (JAEA)**

# Experience of Nuclear Forensics analysis at JAEA

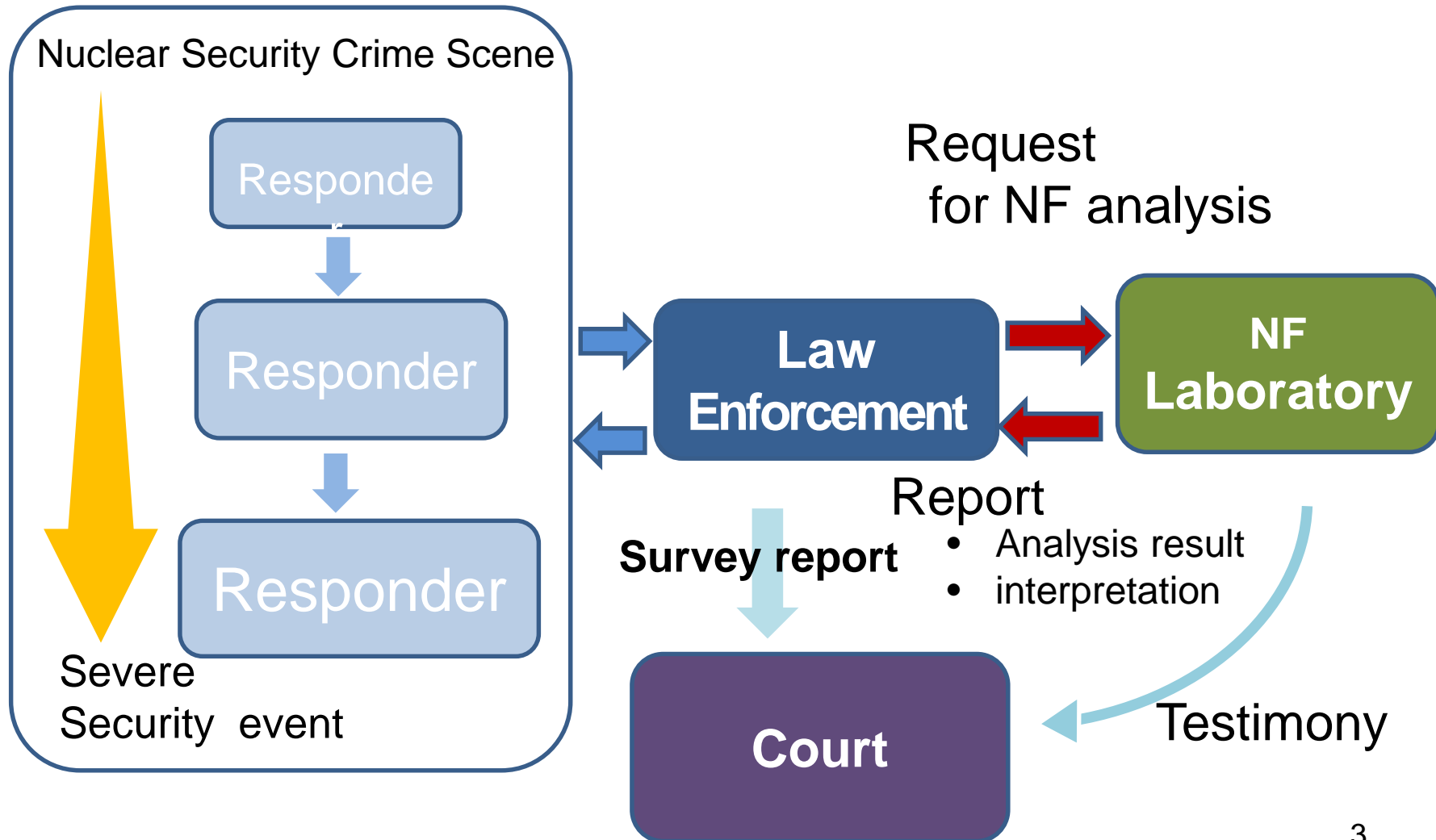
- We do not have experience of “real” Nuclear Forensics event
- We have trained through participating ITWG’s exercises
  - 4th ITWG collaborative material exercise (CMX-4) (2014-2015)
  - 5th ITWG collaborative material exercise (CMX-5) (2016-2017)



## Challenge in Japan

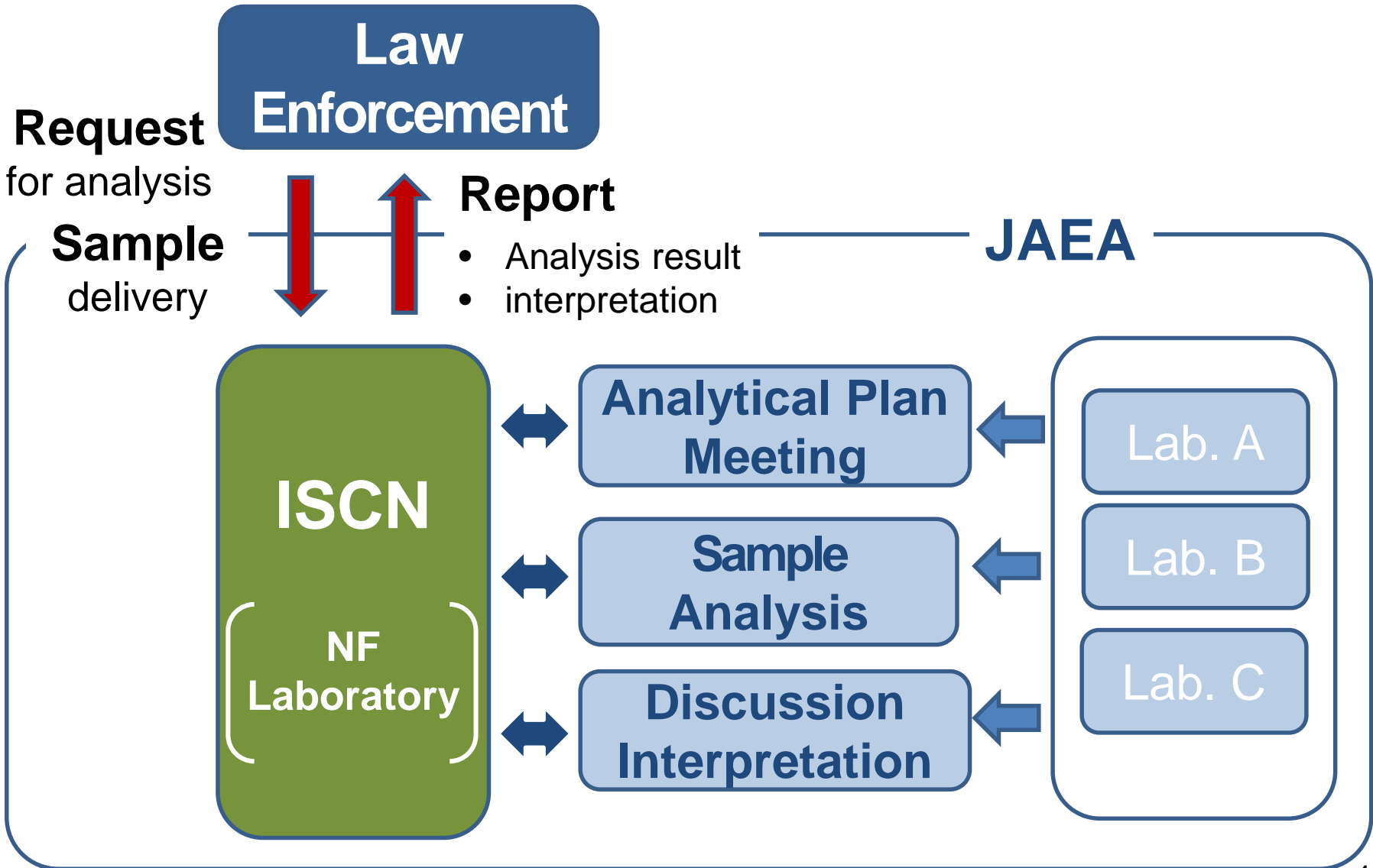
To facilitate participation in CMX from other laboratories

# Expected process of delivery of NF sample from crime scene



# From Exercise to Practice

Expecting Nuclear Forensics Framework at JAEA



# From Exercise to Practice

We can pursue our NF framework using the future ITWG CMX

