



**CREATIF**

Network of Testing Facilities for  
CBRNE detection equipment

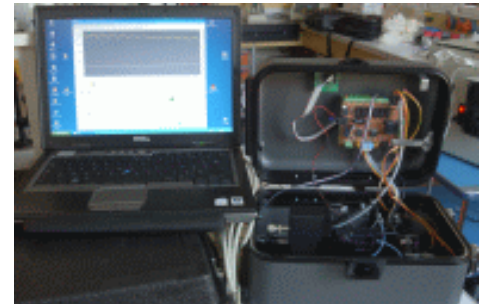
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# Standardization needs I



- R: many standards (ANSI, IEC, IAEA) available
  - Don't reinvent the wheel → transfer of existing standards to European (CEN/CENELEC) in progress
- C: develop European civilian standards
- B: start work on harmonization of protocols for testing (aerosol generation, simulant agents)
- E: develop European standards seek cooperation with ECAC and military to make use of available knowledge



# Operational testing needs



- **Promote operational testing**
  - With real agents (or simulants)
  - Under realistic operational conditions
  - Organize training exercises for end-users to get realistic experience with detection systems under operational conditions and realistic situations
- **Develop complementary testing protocols**
  - Human factors, usability, operational issues
  - Field testing for realistic evaluation of performance



# Testing and Certification needs



## Stakeholder groups agree that

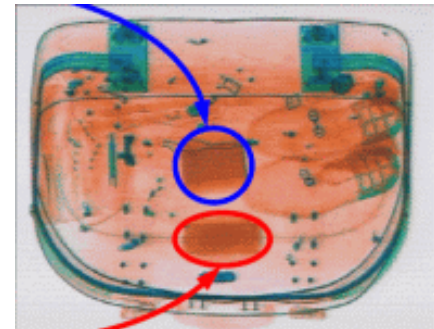
- testing of detection systems is needed
- testing should be based on (EU) agreed standards
- comparability of testing results is desired, can be achieved by accreditation of testing centers
- certification of products based on independent third party evaluation is desired
- No need for a specific (Security) label
  - criteria not always transparent
  - Test report with information on instrument performance more useful for end-users



# CREATIF Conclusions I



- Initiative well adopted
  - By end-users → feel respected
  - By manufacturers → want to shape the process
  - By decision makers → appreciate decision support and promotion of the topic on EU level
  - By NATO → could make use of work done and see synergies



# CREATIF Conclusions II



- Communication is time-consuming work
- Motivation of busy experts is difficult
- Technical experts are keen to perform experiments / exercises (rather than read lengthy reports)
- Handling of restricted information not easy for EU projects based on email communication
- Funding scheme (CSA) not suitable for testing centers (high overhead costs)



# CREATIF Follow-up



- Push production of standards / protocols (CEN?)  
incl. funding for testing experts and end-users to work on drafting standards (otherwise industry-driven)
- Organize and perform real testing exercises incl. publication of results to support end-users
- Keep alive communication platform
  - organize regular workshops
  - provide repository for testing results
- Act as nucleus for future certification association