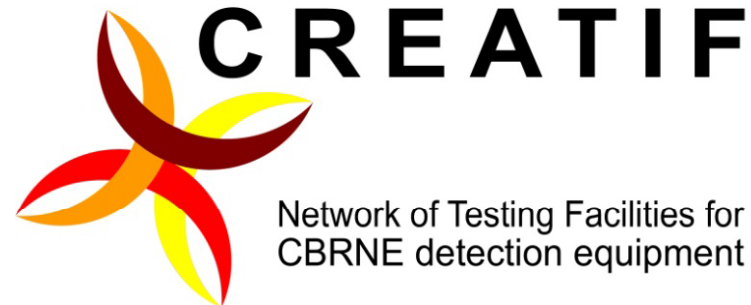


WELCOME



European Certification System for CBRNE Sensor Systems and Devices



2nd European CREATIF Workshop

5th / 6th Oct. 2010, Berlin



↪ Public safety and security is one of the European countries top priorities. Security issues became to mean a lot to almost everyone and in response to the existing situation governments of European countries started dedicating a higher part of budget for security issues.

↪ Developments for technologies were initiated to improve



- ➔ future response capabilities and strategies to prevent terrorist attacks,
- ➔ to reduce the vulnerability to terrorism,
- ➔ to minimize the extent of damage from terrorist attacks by fast emergency response and recovery.

↪ CBRN civil protection faces a growing significance since terrorists increasingly try to get access to chemical, biological radiological and nuclear materials *to initiate a CBRN incident to cause mass civilian casualties and catastrophic disasters.*



An appropriate response *before, during, and after* a *CBRN incident* includes

- monitoring,
- warning,
- identification

of the hazardous materials, the estimation of their precise nature of occurrence and their extent of release.



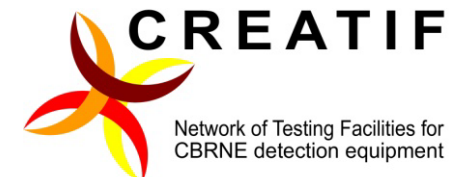
Subsequently, modern detectors and detection systems play the key role for a future reliable functioning counter terrorism in Europe.



➤ *First steps towards the application of European wide accepted detector systems for safety issues are:*

- the initiation of the development of *minimum detection standards*, valid across the entire EU,
- the design of *trialing and testing centers*,
- the *establishment of certification schemes* for CBRN detection systems
- the creation of a *platform for an improved exchange of good practices* on the detection of CBRN materials.

One European supported Project is CREATIF





SEIBERSDORF
LABORATORIES



COTECNA



CREATIF Partners	Initials	Country
Austrian Research Centers GmbH – ARC	ARC	AT
Délégation Générale pour l'Armement - Centre d'études du Bouchet	CEB	FR
Cotecna Inspection S.A.	COT	CH
Bundesanstalt für Materialforschung und –prüfung	BAM	DE
Etablissement technique de Bourges, Délégation générale pour l'armement	ETBS	FR
Totalförsvarets Forskningsinstitut, Swedish Defence Research Agency	FOI	SE
Nederlandse Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek TNO	TNO	NL

Project Manager: Friedericke Strebl, Seibersdorf Laboratories, Austria

Objectives of CREATIF



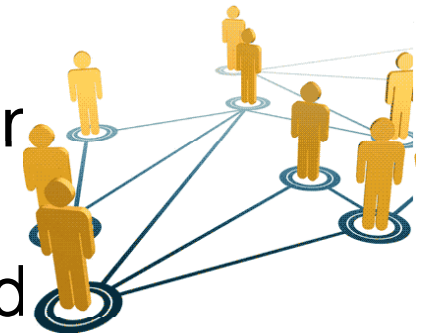
↳ to provide a communication platform for technology users and decision makers, providers and testers to discuss the future development of detection systems for future security applications as well as to support user decisions and industry product / service developments.



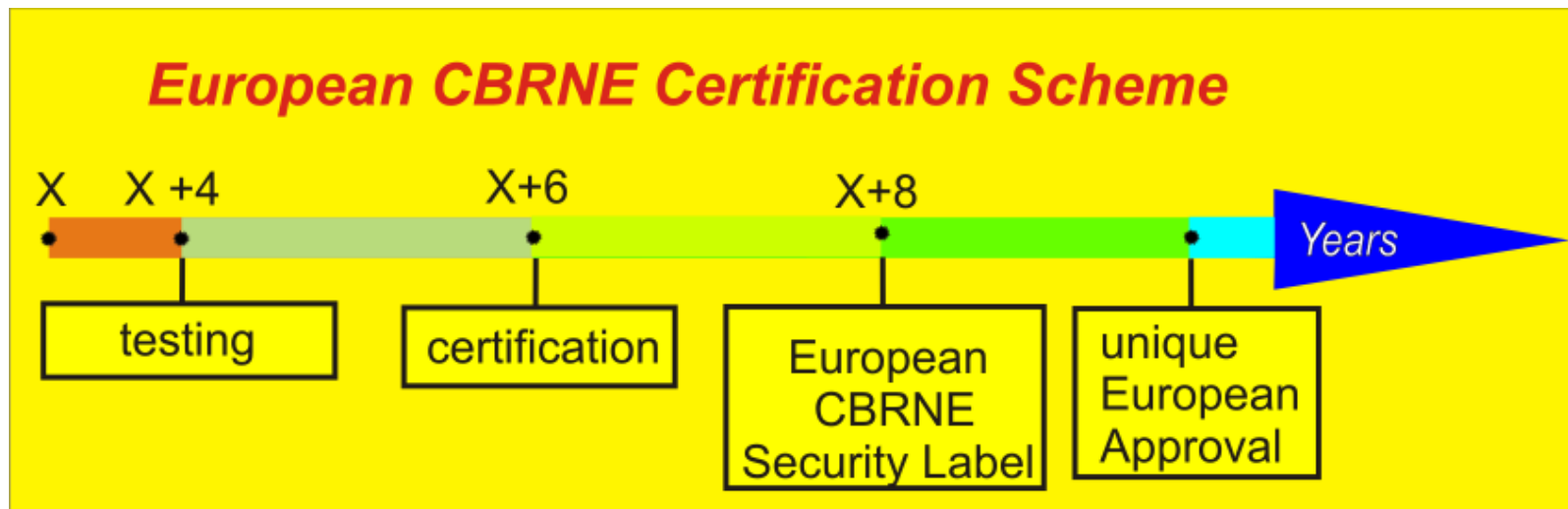
↳ to create Roadmap for a future CBRNE Certification System

First Results of CREATIF

👍 a network of testing facilities for security-related products and services focused to CBRNE detection has been proposed and established at this project to initiate the development of a European accepted Certification System for CBRNE detectors.



👍 CREATIF designed first ideas on strategies, preconditions and rules for an internationally recognized certification system



What Manufacturers Want

- An Appropriate and Fair System of Testing
 - Suitable for the intended application of the equipment.
 - Acceptable universally (ideally globally).
 - Representative of reality:
 - we do laboratory tests because we cannot do real world testing.
 - what is the anticipated real world scenario?
 - why is the test applied in the way it is used?

Source: Pashby, P., Smiths Detection:

“A Manufacturer's view on the needs of testing CBRNE detection equipment”;

2nd Workshop on the European Certification System for CBRNE Sensor Systems and Devices

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Session 1

**State of Art on CBRNE & Toxic Industrial Material
Detection Identification Monitoring,
Practical Scenarios**

Session 2

**Application of Standards and Test Procedures for the Technical
Evaluation of CBRNE Devices and Sensors and Quality Assurance
of Detector Systems and Sensors (The State of Art)**

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Session 3

**“Agenda 2020” - European Certification System for CBRNE
Sensor Systems and Devices**

Session 4

**Creation of a European Certification System for CBRNE
Sensor Systems and Devices**

The Organizing Committee of the Workshop

- Friedericke Strebl, Seibersdorf Laboratories, Austria
- Uwe Ewert, Federal Institute for Materials Research and Testing, Germany
- Jörg Beckmann, Federal Institute for Materials Research and Testing, Ge

1. Thank you for coming both the referents and participants
2. Don't hesitate to ask us in case you need assistance
3. We wish you an interesting WS

We hope you will find a creative atmosphere

- will meet new friends,
- will get new views for your own work
- can discuss with us the highlighted issues

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In case you will be satisfied with the Workshop please tell your colleague about it and ask him to join the CREATIF network!

Thank you for your attention!

*Let us get started with
the work*

