



## **2nd CREATIF Workshop**

**5th/6th Oct. 2010, Berlin**

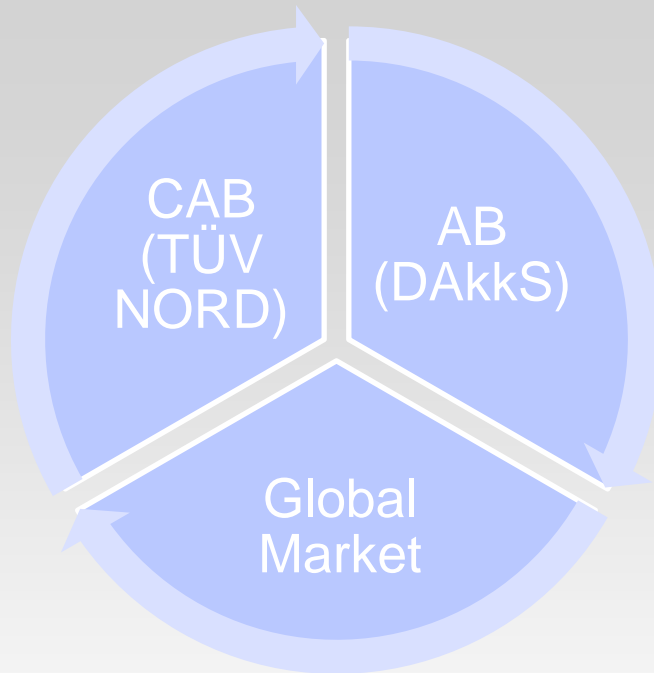
**European Certification System for CBRNE Sensor  
Systems and Devices**

# **TÜV NORD CERT GmbH**

**Dr.-Ing. Klaus Oberste Lehn**

- **Do security requirements complicate the Accreditation of Detection Systems for contraband and counter-terrorism applications?**
- Dr.-Ing. Klaus Oberste Lehn

**Head of Department of Consumer Protection of TÜV NORD CERT  
Lead and techn. Assessor of international Accreditation Bodies**



## ■ Facts and Figures :

- **TÜV NORD** (appr. 25,000 PC and 10,000 QMC in 2010)
- Tradition of 140 years (common and highly recognized)
- world wide recognition of TÜV NORD by accreditation
  
- **DAkkS** (appr. 4,500 accredited CAB (TL, IB, CB))
- Member of EA-, ILAC- and IAF-MLA

## Scope of Accreditation (some few examples)

MDD

- mandatory
- CE NB

R&D

- Voluntary
- Marks & labels

- **Accreditation**

third-party **attestation related to a conformity assessment body conveying formal demonstration** of its competence to carry out specific conformity assessment tasks  
(rely on testing and getting confidence)

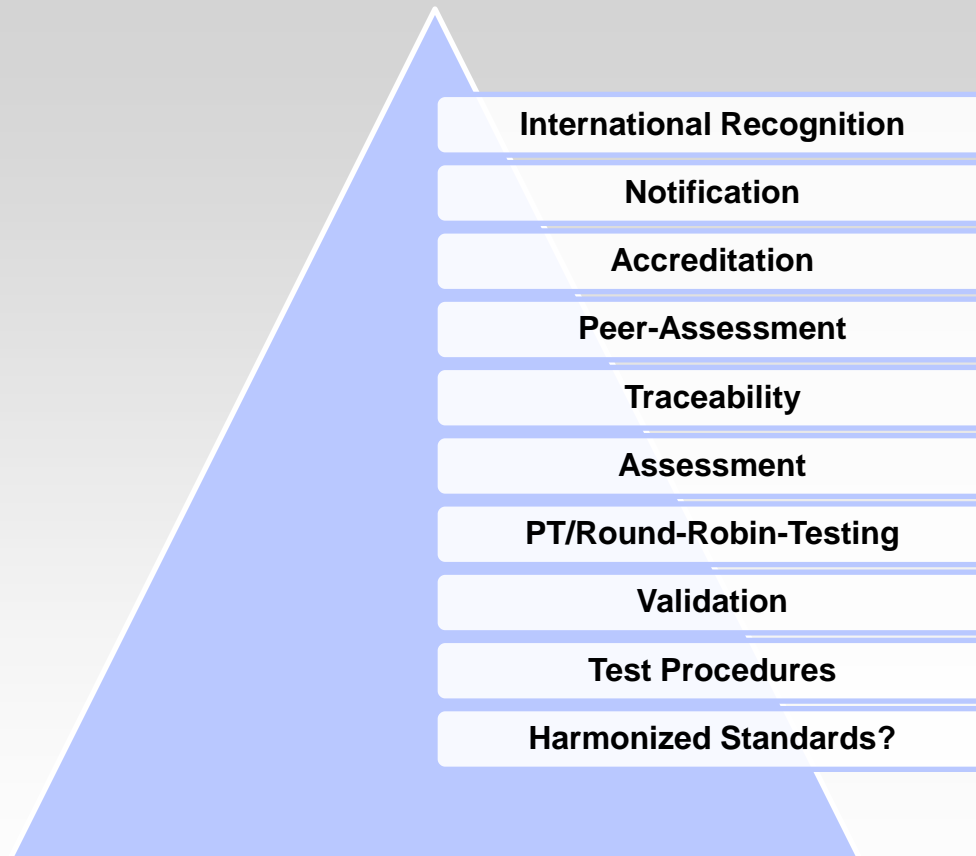
- **Certification**

third-party **attestation related to products, processes, systems or persons**

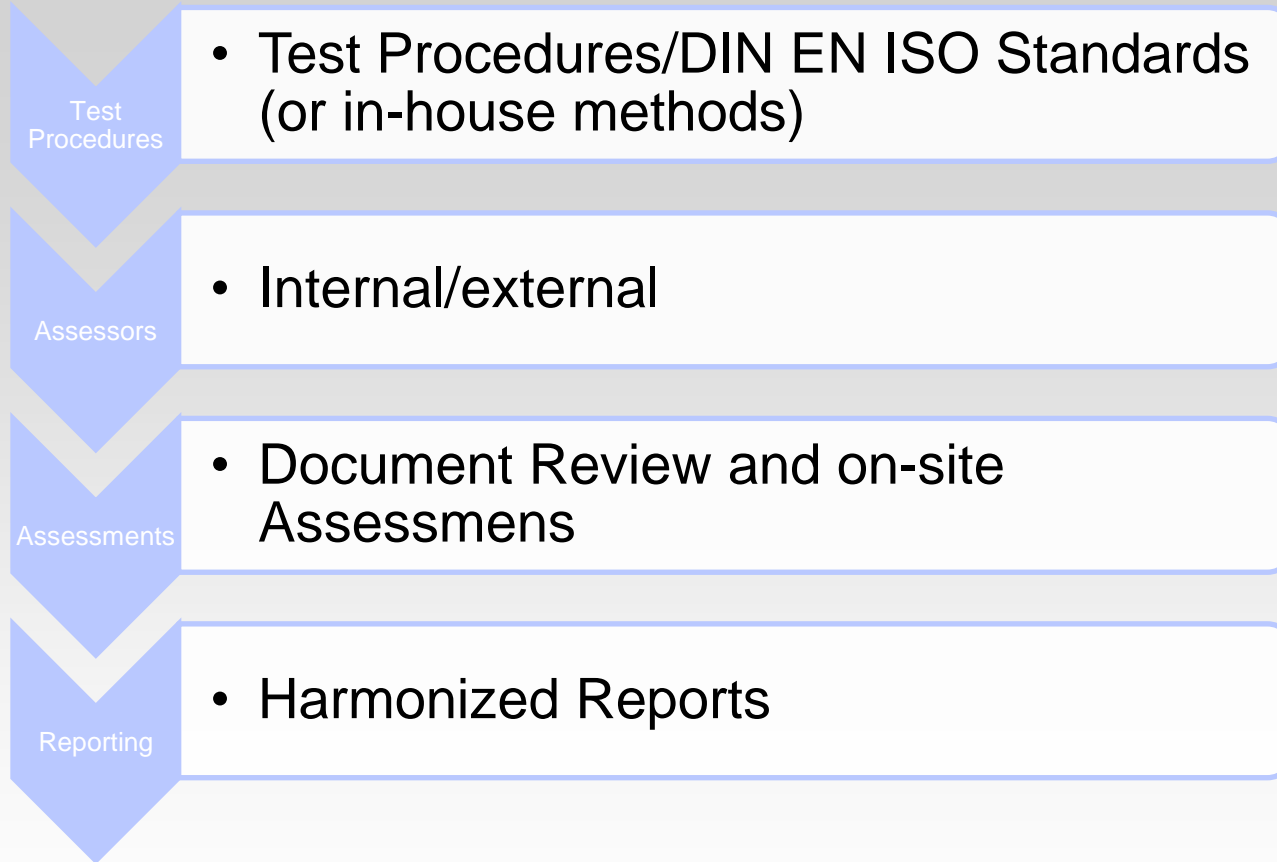
- **specified requirement**

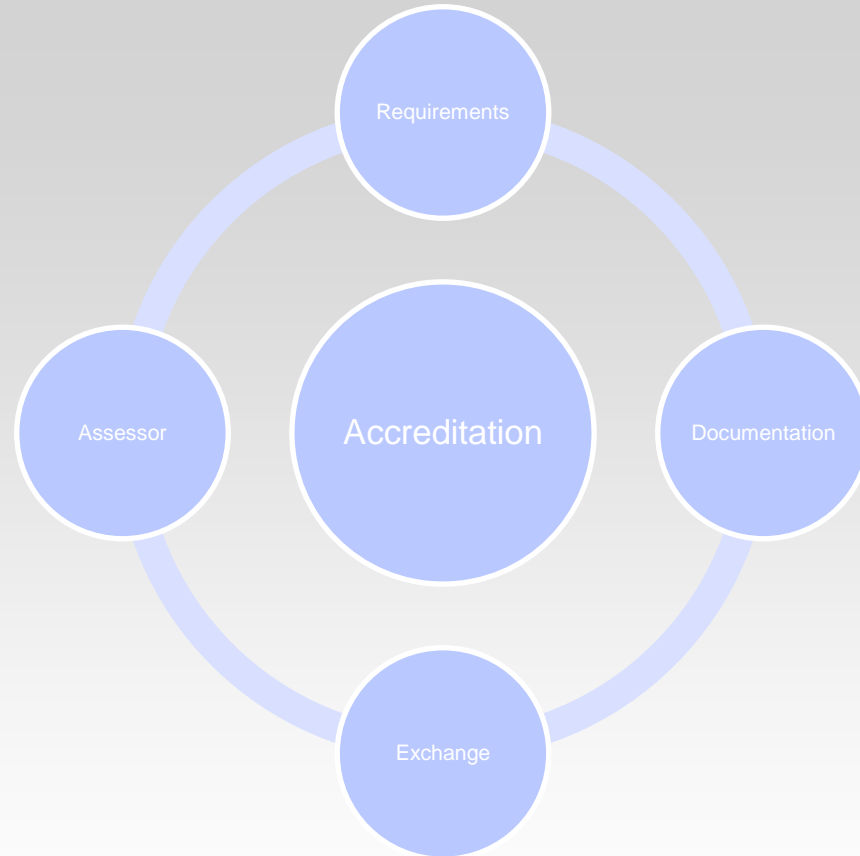
need or expectation that is stated

NOTE: Specified requirements may be stated in normative documents such as regulations, standards and technical specifications.



# Where are the weak points in the Accreditation-System? Gap Analysis?

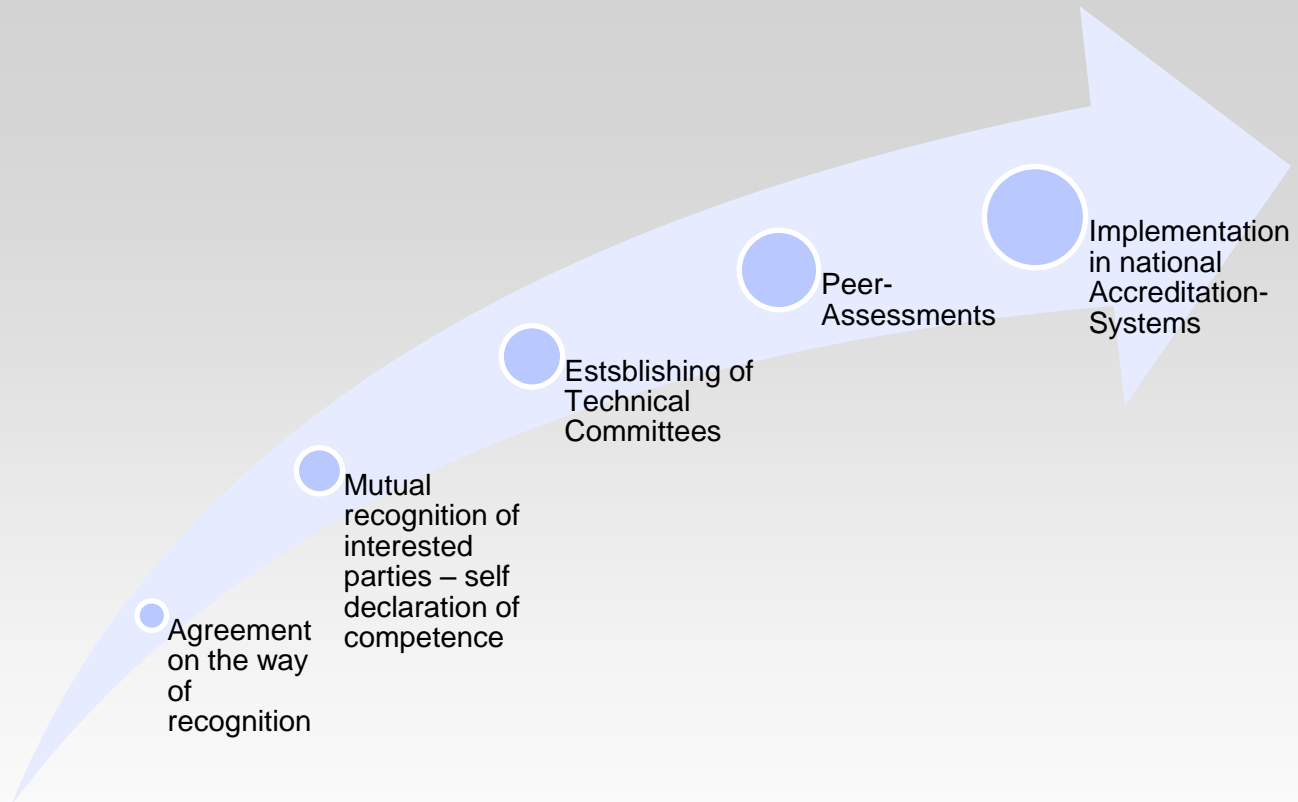




# Steps to go within the Accreditation system

- Define the basic requirements
  - ISO 17025:2005 **General requirements for the competence of testing and calibration laboratories**
  - ISO/IEC CD 17065.2 **Conformity assessment — Requirements for bodies certifying products, processes and services**
  - ISO 17043:2010 **Conformity assessment -- General requirements for proficiency testing**
  - **ISO 17011:2005 Conformity assessment – General requirement for accreditation bodies accrediting conformity assessment bodies**
- Define the basic requirements on qualification of assessors/peer-evaluators
  - Conduct training courses
  - Implementing a technical sectoral committee
- Define the basic requirements on assessments
  - ISO/PAS 17002:2004 **Conformity assessment -- Confidentiality -- Principles and requirements**
  - **On-Site** reviewing of documents and procedures
  - Organization on PT-Testing within the **community**
  - Witnessing of Assessors by Peers
- Define the basic requirements on reporting
  - Harmonized Checking list
- Define the basic requirements on exchanging the experience
  - Assessors
  - Conformity Assessment Bodies (CAB)

# Way to Accreditation in the field of CBRNE



- Do security requirements complicate the Accreditation of Detection Systems for contraband and counter-terrorism applications?

■ **NO!**

- **Dr.-Ing. Klaus Oberste Lehn**

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A background illustration showing a group of stylized human figures in shades of blue and purple, some in the foreground and some blurred in the background, suggesting a crowd or audience. A large, light grey curved shape is in the foreground, partially obscuring the figures.

**Tank You very much!**