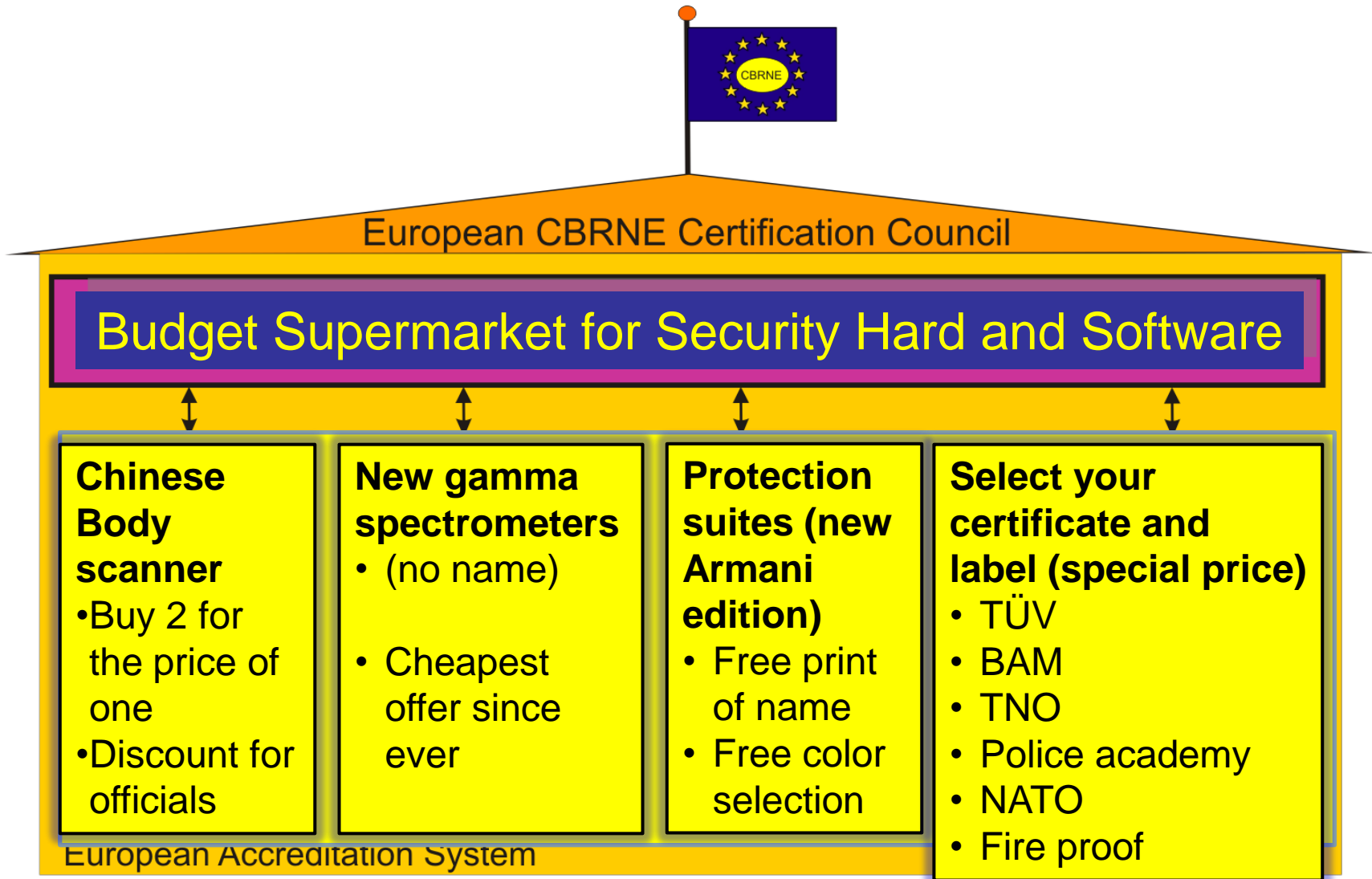
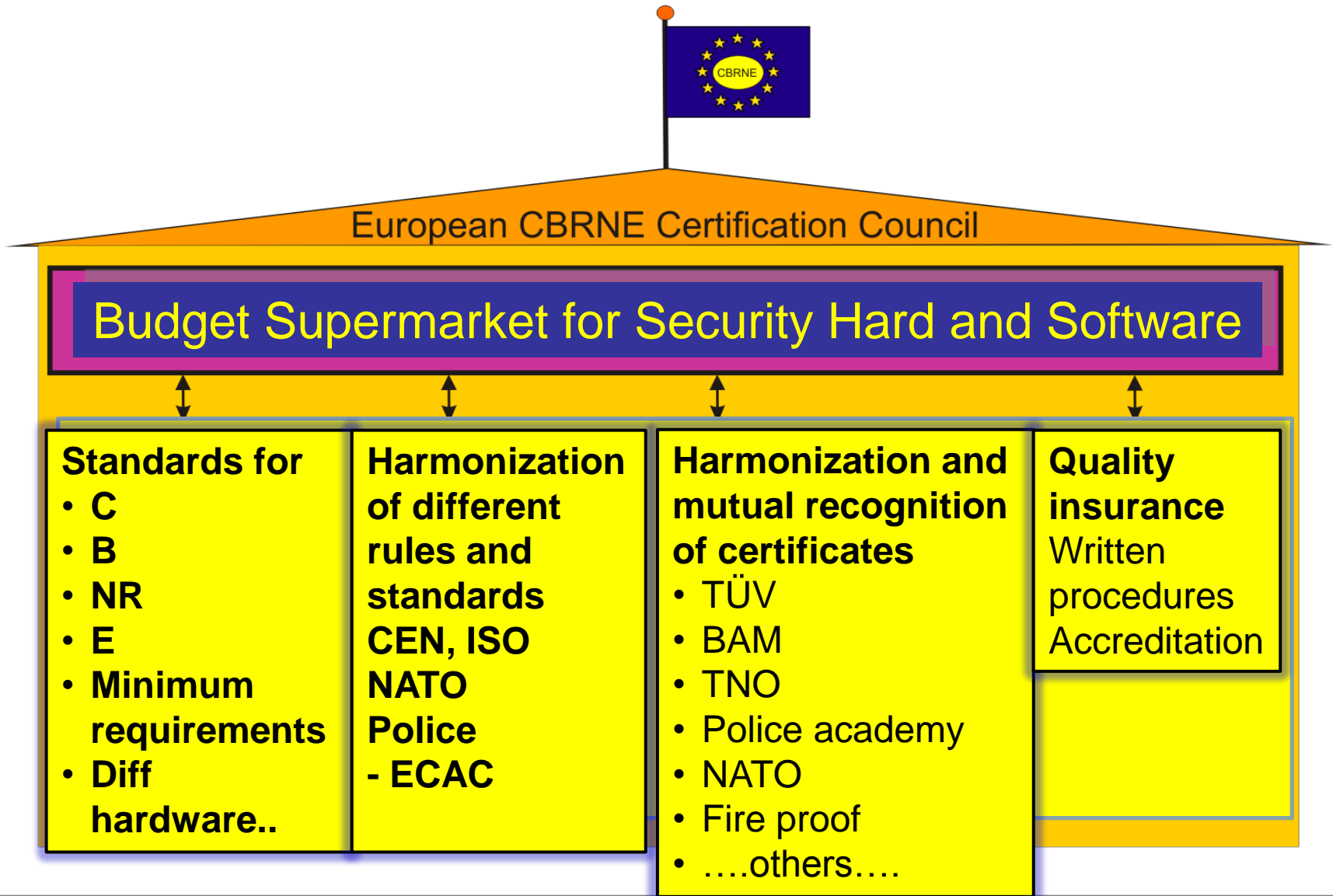




**Roadmap for Developing a European Certification
System for
CBRNE Sensor Systems and Devices**

J. Beckmann, R. Schmidt, A. Berndt, U. Ewert







Way to Accreditation in the field of CBRNE

Agreement on the
way of recognition

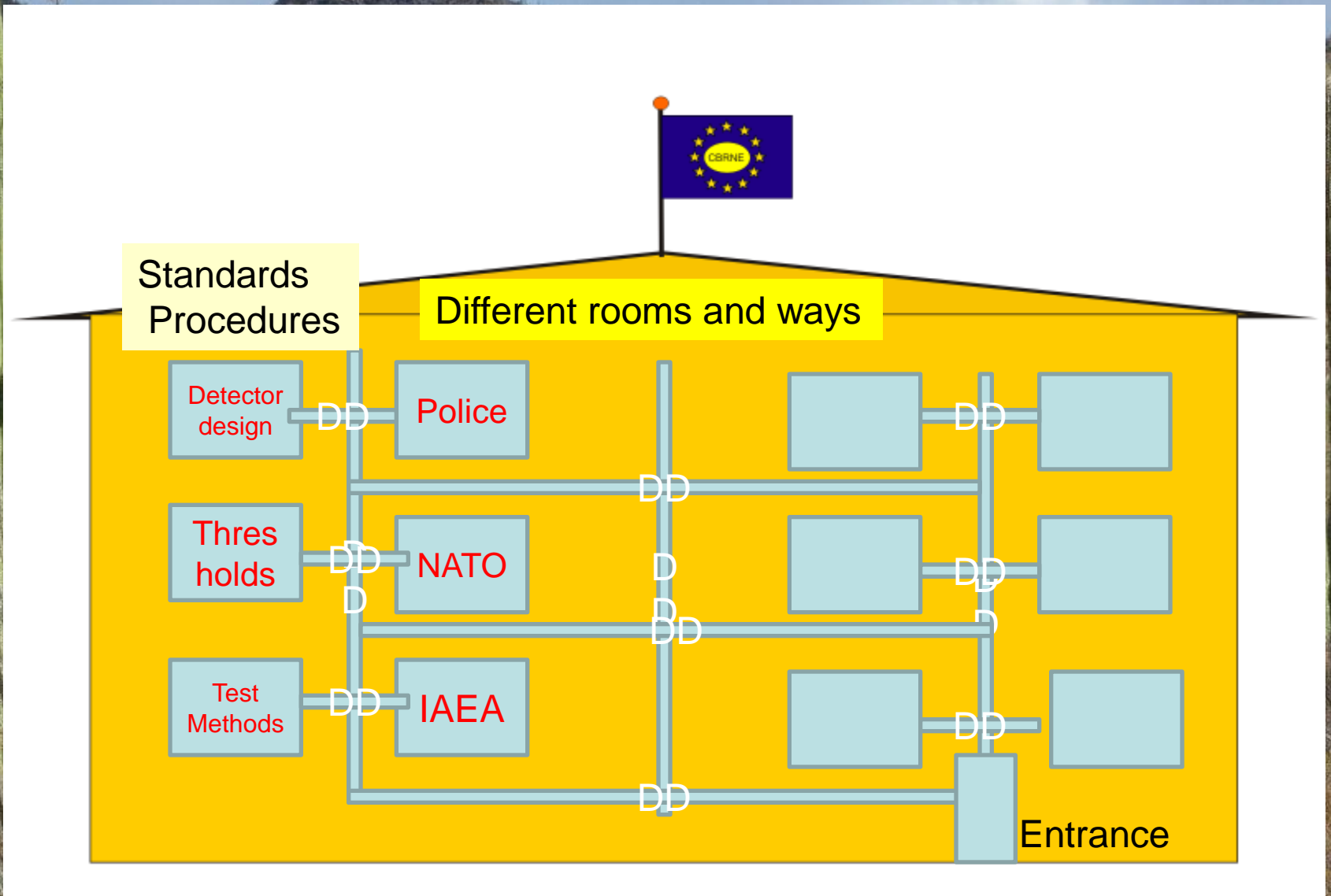
Mutual recognition of
interested parties –
self declaration of
competence

Estblishing of
Technical
Committees

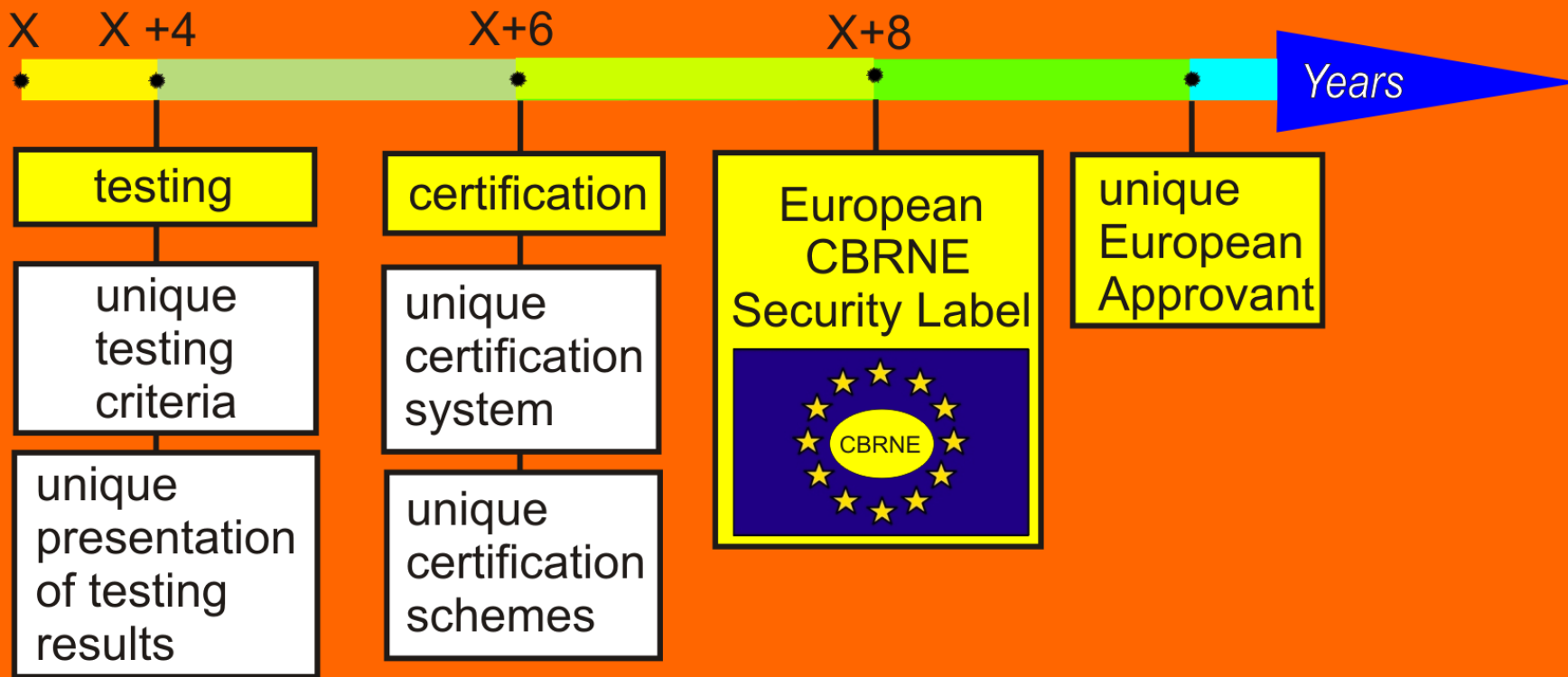
Peer-
Assessments

Implementation in
national
Accreditation-
Systems

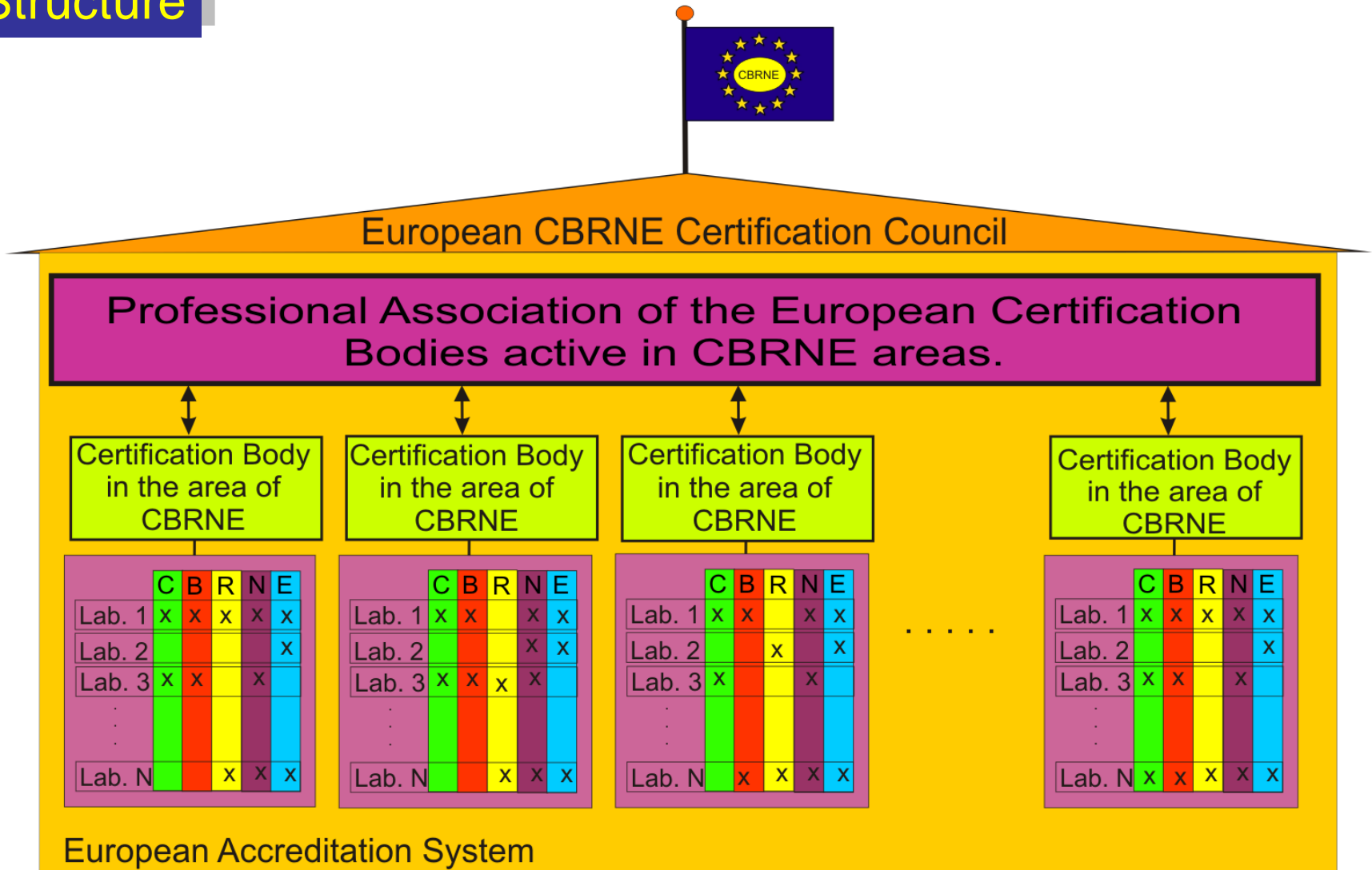
European CBRNE Certification System



European CBRNE Certification Scheme



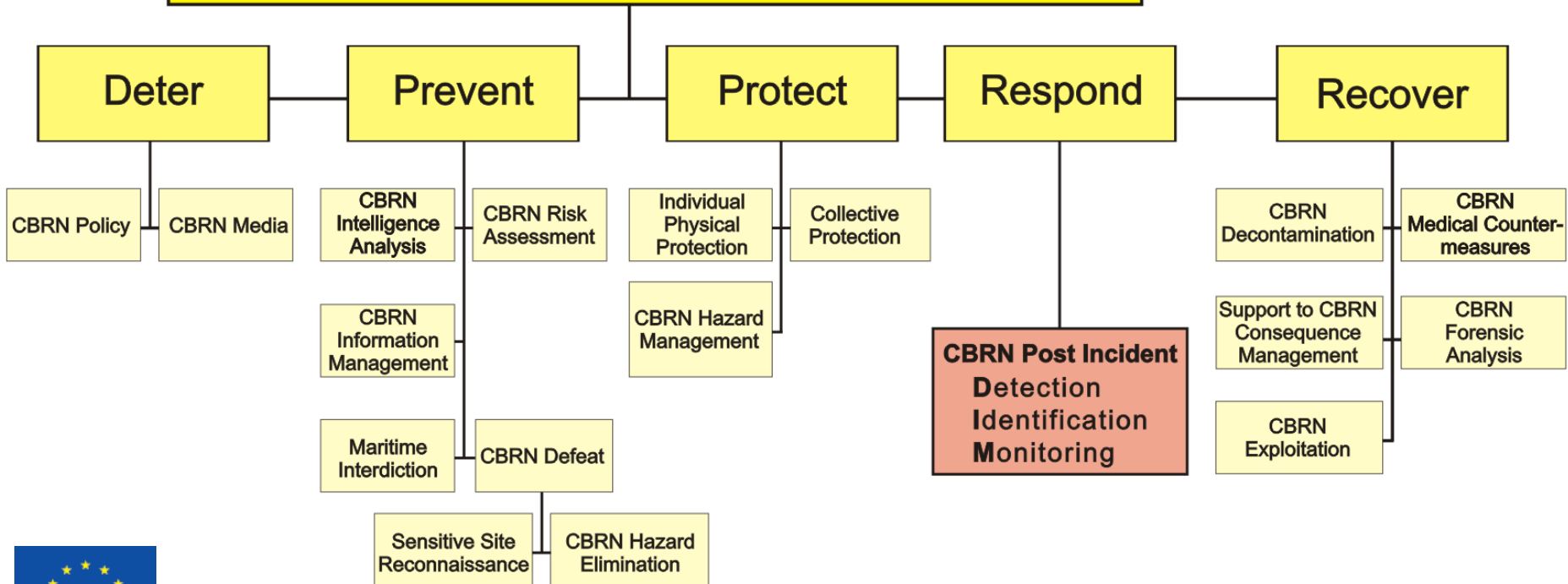
Structure



Capabilities to combating and preventing WMD

CBRN Defence- Countermeasures

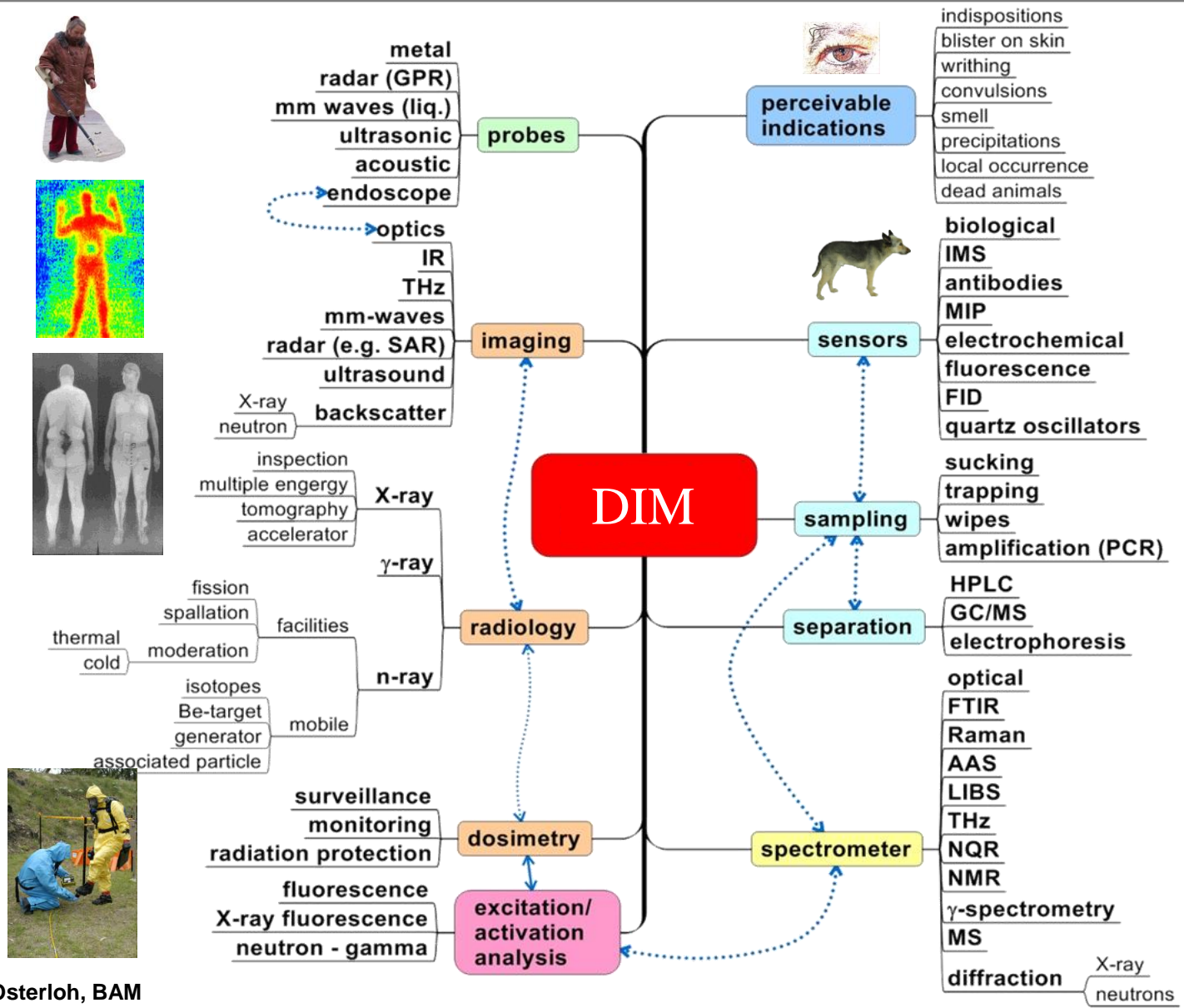
- Military Forces
- Police (World Wide)
- Counter-Terrorism Units



Source: © European Defence Agency 2009

www.eda.europa.eu

Sensor Systems and Devices for DIM



Source: K. Osterloh, BAM

Test and certification of large containments

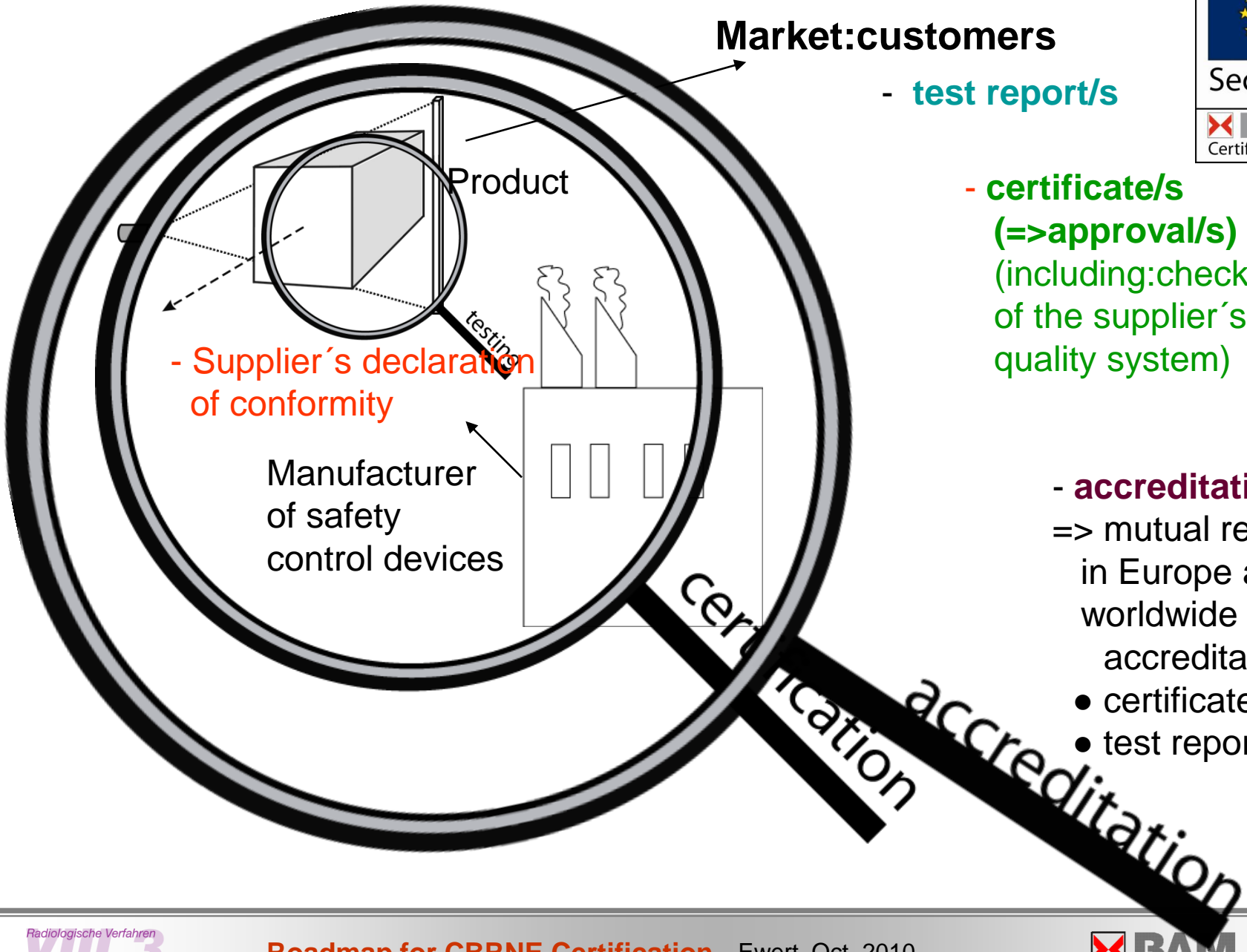


Market:customers

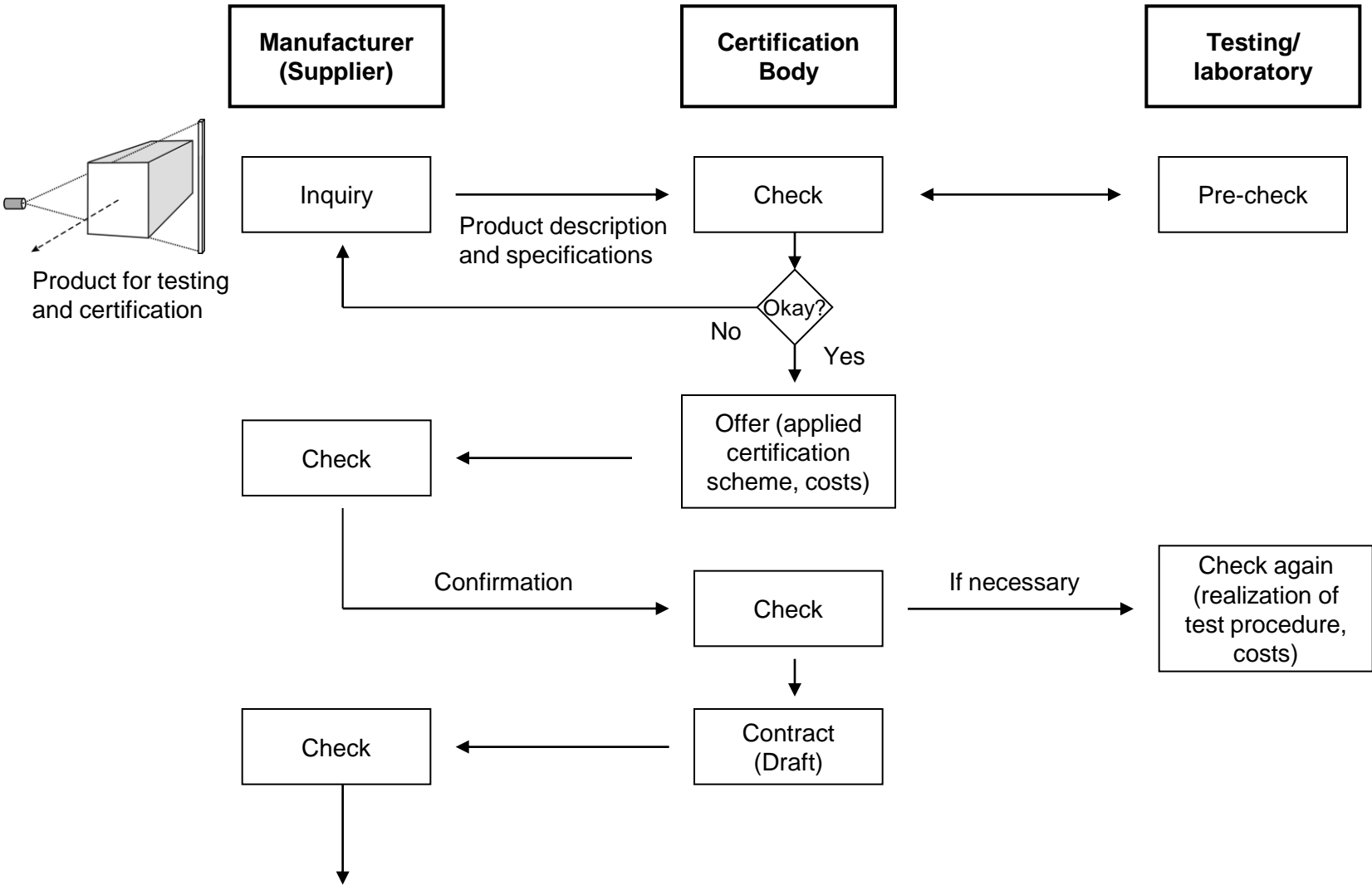
- test report/s

- certificate/s
(=>approval/s)
(including:check
of the supplier's
quality system)

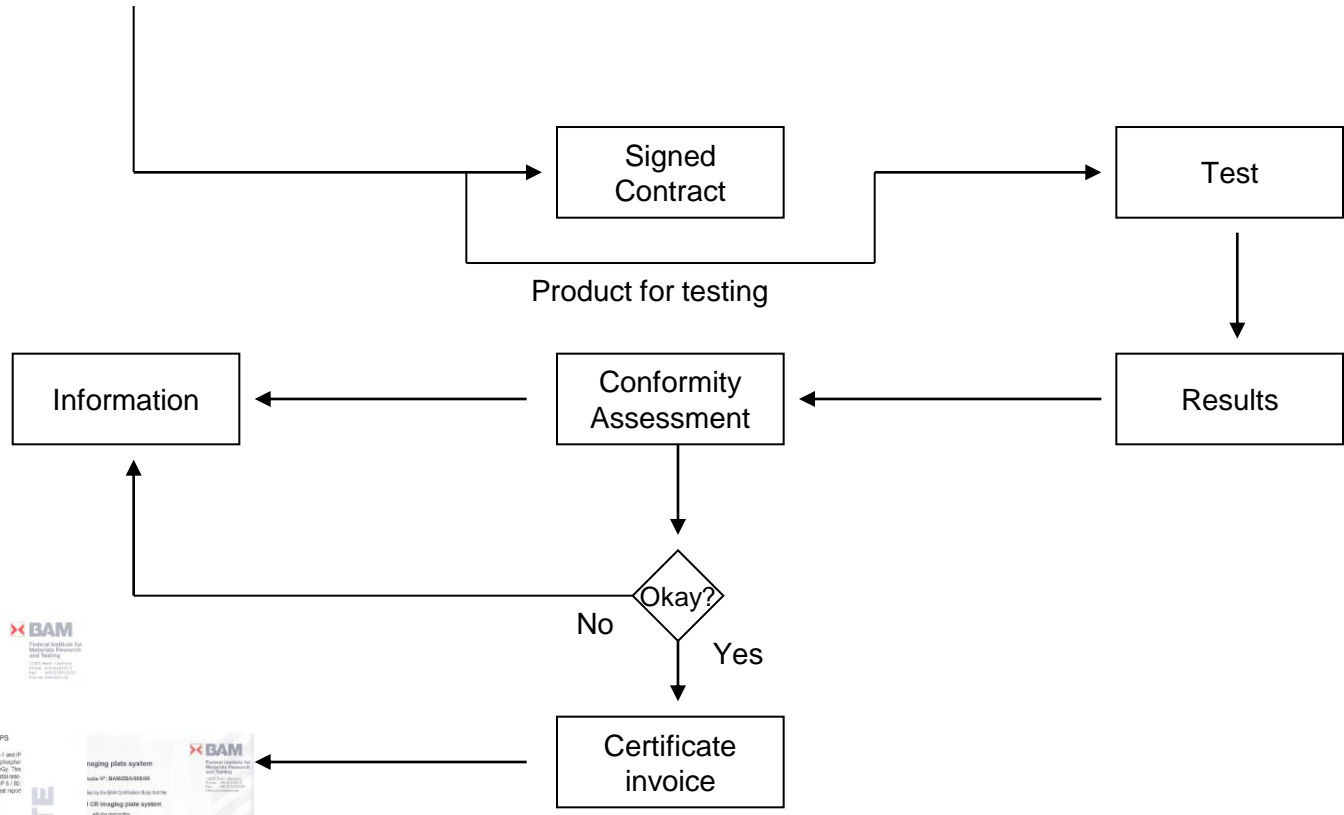
- accreditation
=> mutual recognition
in Europe and
worldwide of:
accreditation
● certificates and
● test reports



Example for a BAM Certification procedure of a NDT product (e.g. NDT materials: X-ray systems)



Example for a BAM Certification procedure of a NDT product (e.g. NDT materials: X-ray systems)



Examples for issued BAM Certificates for NDT products



European CBRNE labelling – as result of certification according to the EN 45011

Possible European certification marks under the umbrella of CBRNE association (examples for vision for the participants of this meeting, only first ideas)



- CBRNE, Toxic Industrial Material, Detection, Identification, Monitoring has been described to define the boundary conditions for a future certification system
- A Vision on a CBRNE has been described to deduce a Roadmap for the development of an European CBRNE Certification Concept for devices and sensor systems (**Agenda 2020**)
- The theoretic concept was underlined on the view point of a Manufacturer
- The future role of CREATIF for the future Certification System has been described.
- First activities are described for testing to initiated the development of testing, product and system requirements.

ENDE