NEN

Security Standardisation - Mandate M/487

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Agenda

- Standardisation
  - What is it?
  - How does it work?
- Mandate M/487 to develop security standards
  - Overview
  - Results - CBRNE
- Relation standardisation - ERNCIP

More than 200 million cars in Europe run on European Standards!

What is standardisation?

Standardisation is the process where all relevant stakeholders specify voluntary agreements (standards).

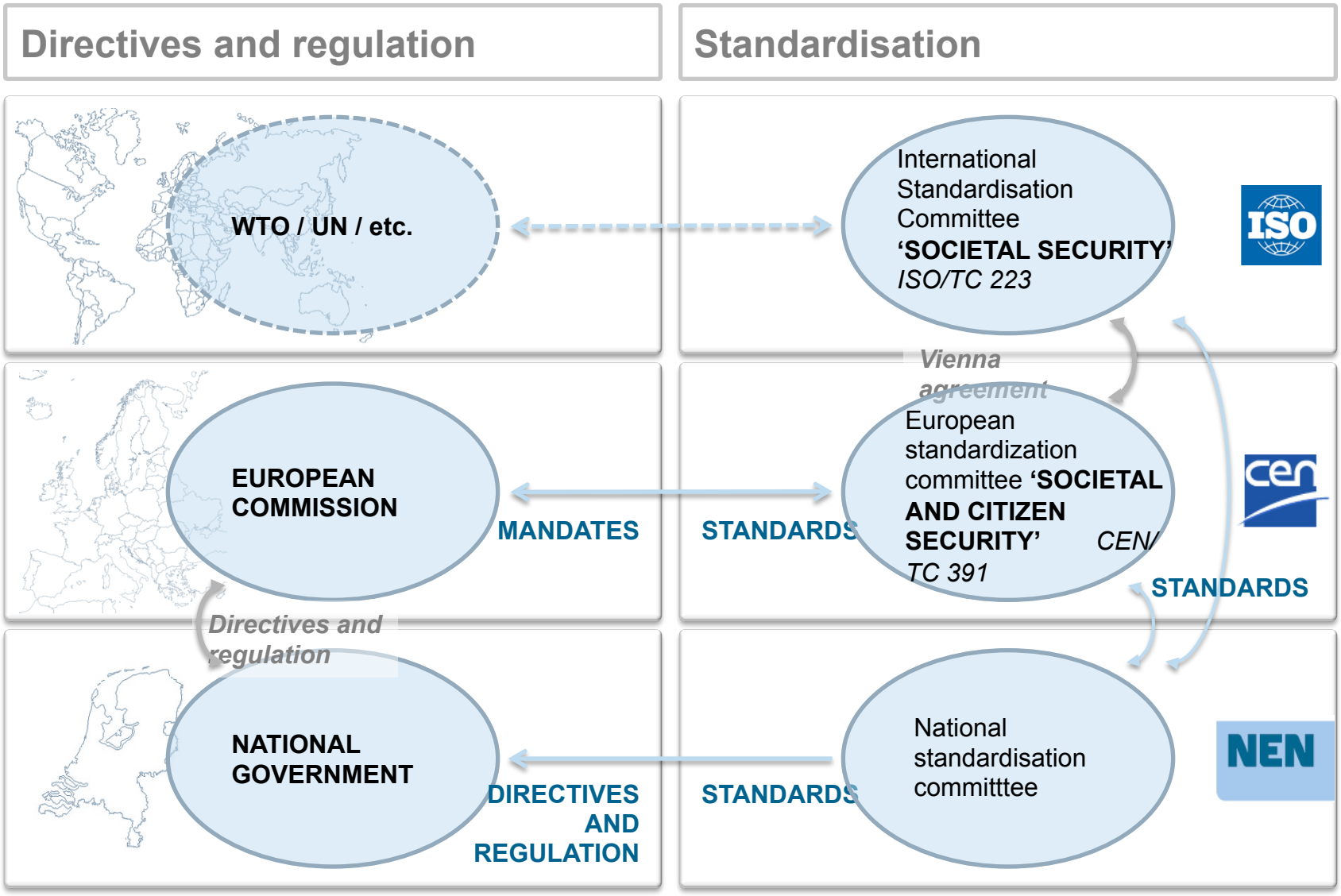
Principles:

- Consensus
- Openness and transparency
- National commitment
- Technical coherence at the national and European level
- Correct integration with other international work
- Market relevance
- WTO code

What is a standard?

- It is a document:
  - Voluntary in application
  - Established by all interested parties
  - Reflects consensus
  - Approved by a recognized body
  - Meant for common and repeated use

- National Standards (e.g. UNI, NEN, BS, DIN)
- International Standards (e.g. ISO. IEC)
- European Standards (e.g. EN)


Directives and regulation
Standardisation
WTO / UN / etc.
International Standardisation Committee 'SOCIETAL SECURITY' ISO/TC 223
ISO
Vienna agreement
EUROPEAN COMMISSION
MANDATES
STANDARDS
European standardization committee 'SOCIETAL AND CITIZEN SECURITY' CEN/ TC 391
cen
STANDARDS
Directives and regulation
NATIONAL GOVERNMENT
DIRECTIVES AND REGULATION
STANDARDS
National standardisation committtee
NEN

European standardisation

- Standardisation project is initiated by
  - Stakeholders
  - Lawmakers (EC)

- Deliverables
  - European Standard (EN)
  - Technical Specification (CEN/TS)
  - Technical Report (CEN/TR)
  - CEN Guide
  - CEN Workshop Agreement (CWA)

European Standard (EN)

- Normative document
- Available in the 3 official CEN languages
- Does not conflict with the content of any other EN standard
- Value derives from characteristics of its development
  - Full consensus document
  - Standstill

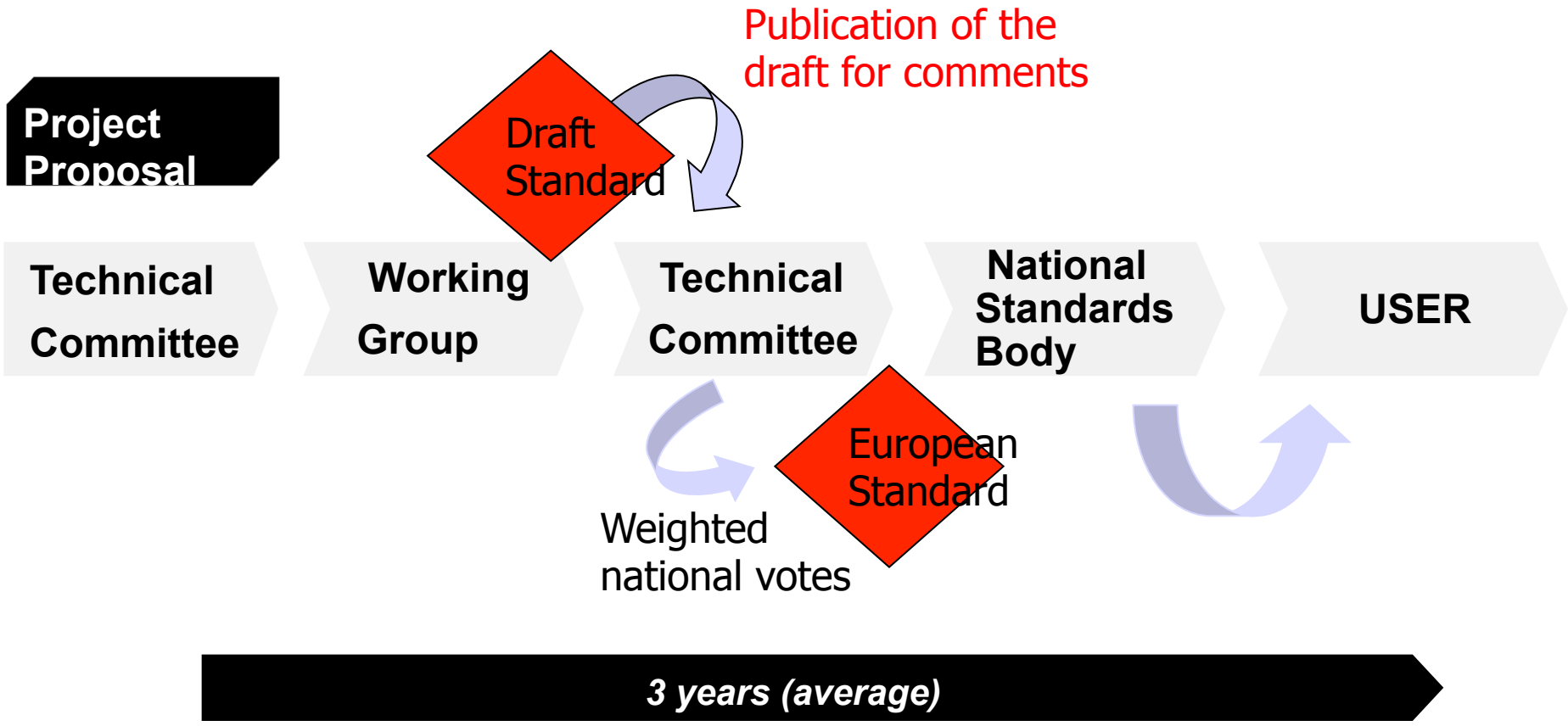
- Implemented by national standardisation bodies

Technical Specification (TS)

- Normative document
- No standstill
- No public enquiry neccessary
- Technical Commitee Approval (TCA)

- A CEN/TS is established with the purpose of
  - Publication of aspects in support of the European market
  - Guidance
  - Specifications in evolving technologies and experimental circumstances

Standards development in CEN



M/487 - overview

Mandate to develop work plans and roadmaps for security standardisation

- Phase 1: an overview of the current status of standardisation
  - Divergent national standards
  - No standards at all in field of border security
  - First initiatives in area of CBRNE, but very behind compared to US
  - Few activities in area of crisis management, some on ISO level

M/487 - overview

- Selected priority areas
  - Chemical, Biological, Radiological, Nuclear and Explosives: minimum detection standards as well as sampling standards, including in the area of aviation security;
  - Border security: common technical and interoperability standards for automated border control systems, as well as standards for biometric identifiers; and
  - Crisis management/Civil protection: standards for communication interoperability, as well as interoperability of command and control, including organisational interoperability, as well as mass notification of the population

- Priority areas were dealt with in Phase 2

M/487 - overview

- Phase 2 – development of work plans and roadmaps

- In assignment of: European Commission DG Enterprise & Industry
- Coordinated by: Coordination group M/487 Phase 2
  - EC representative, ESO respresentative, chair of CEN/TC 391 and secretary of CEN/TC 391
  - Three experts appointed – one for each priority sector
- Interests from all across Europe, many stakeholders committed interest and expertise

Results general

- **Border security**
  - Raise awareness of standards
  - Work worldwide
  - Update standards on human-computer interaction and on safety aspects of ABC
- **Crisis management**
  - Semantics
  - Interoperability
  - Resilience
- **CBRNE**
  - Bridge gap between fragmentation and impact
  - Familiarize stakeholders with standardisation

Results CBRNE

Identified standardisation needs/gaps

- Gaps related to the lack of the exchange of (meta)data within and between the various stakeholder categories and projects – **communication problem/information sharing problem**
- Lack of **commonly accepted definitions** of CBRNE materials, methods, threats or incidents
- The **absence of an EU-wide scheme for standardization** and the certification of security equipment
- Often unclear whether the detection standardisation effort is directed at **establishing minimum or critical levels** or at the **device or technology that is used to measure**.

Results CBRNE

- Many of the proposals are unclear and focus on ‘safety’ rather than ‘security’
- Standardization of Testing & Evaluation has been worked on under **laboratory** conditions but not under ‘**field**’ conditions
- Many initiatives have been taken delivering **partial instead of integrated** solutions
- Member States will support the initiative when it mirrors the efforts conducted at the national levels both in terms of de-fragmentation of the security market and in terms of standardization activities
- The civilian side should more actively pursue an **exchange** with the military side.

Results CBRNE

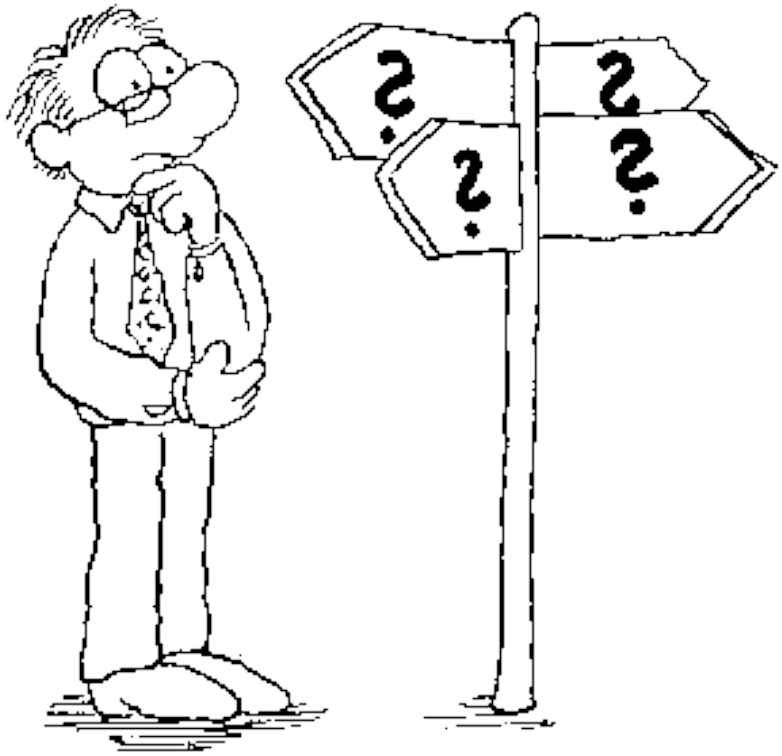
- In terms of Civil-Military Cooperation (CIMIC) standardisation of decontamination/handover procedures and testing & evaluation of equipment can have impact – but not so much in terms of products but in terms of interoperability and standard operating procedures
- The private sector companies and the end-users (civilian) are under-represented in the CBRNE sampling and detection standardisation process
- **Quick wins with maximum impacts for competitiveness can only be achieved by the development of terminology standards and test methods and analysis standards for CBRNE detection technologies and devices**

Standardisation - ERNCIP

- ERNCIP thematic groups deliverables might be suitable for standardisation
- Developments within standardisation might be useful for ERNCIP

- CEN/TC 391 WG 2 CBRNE

- Close cooperation:
  - Ease the road to standardisation
  - Inform each other, work together where possible



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