



ANSI – ESO Conference  
Transatlantic Standardization  
Partnerships on E-Mobility/Electric  
Vehicles, Energy, and Security

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# Cargo/container security: CEN Workshop Smart-CM

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# The vision

- A new model for global customs :
  - Moving from a transaction-based **CONTROL** model to a “System-based **FACILITATION** model”
  - Support implementation of “Green Lane concept” in order to setup and operate Global Secured Trade Lanes
- EU co-financed Smart-CM (“Smart Container Chain Management) Project established to implement this
- Smart-CM has 31 partners from:
  - Terminal and transport operators
  - Logistics providers
  - Customs authorities
  - Research
  - Technology

## SMART-CM's aims

- Use of advanced technology for Container Security Devices, to improve security of global container transport chains
- Propose standardised procedures and pursue agreements among Customs authorities for achieving “quick clearance” of the “secured” containers
- Develop and test electronic platform services that:
  - Provide neutral and unbiased management of container security status information (to ensure customs trust)
  - Allow a Single Access Point for transport industry actors to monitor transport independently
  - Integrate the basic tracking information with logistics information for supporting efficient management of supply chain by the transport and logistics actors

# A new organizational model for security

- Promoting the concept of “Neutral” Information administration
- The 3 pillars of the SMART-CM “Neutral” platform:
  - Neutral interoperability:
    - No bias towards specific CSD technology providers
    - No bias towards customs or businesses
  - Neutral implementation:
    - Testing data integrity along the whole process of security-related information-gathering
  - Neutral information administration:
    - Managing the platform and providing neutral information to stakeholders

# The CEN Workshop

- ❑ CEN or CENELEC Workshop = an informal standardization process
- ❑ Producing CEN Workshop Agreements (CWAs) - in effect “pre-standards”, first public consensus on issues
- ❑ Often related to European research projects’ output
- ❑ Fast (average delivery time 12-15 months) because consensus of participants only (but open to anyone interested)
- ❑ Secretariat funded by FP7 SMART-CM project and provided by SNV (Swiss CEN Member)
- ❑ Modest participation fee
- ❑ Kick-Off Workshop September 2010

# Workshop contents

- ❑ Workshop SMART-CM started to reach public consensus on aspects of the project outputs
- ❑ “A standardized approach for Key Performance Indicators for the security requirements of container security and tracking devices, and for messages for communicating the security status of these devices”
- ❑ Providing a consistent interpretation of the base standards eg UN/CEFACT, GS1, ISO etc (generic to all industries) into sector specific 'operating manuals'
- ❑ A mechanism to ensure qualified exchange of data across shared working environments with multiple stakeholders/suppliers/clients
- ❑ Draft CWA under finalisation September 2011

# Thank you for your attention

Workshop: [www.cen.eu/go/smartCM](http://www.cen.eu/go/smartCM)

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