

Digital Customs

Fifteenth CAREC Customs Committee Meeting

Singapore, 21-09-2016





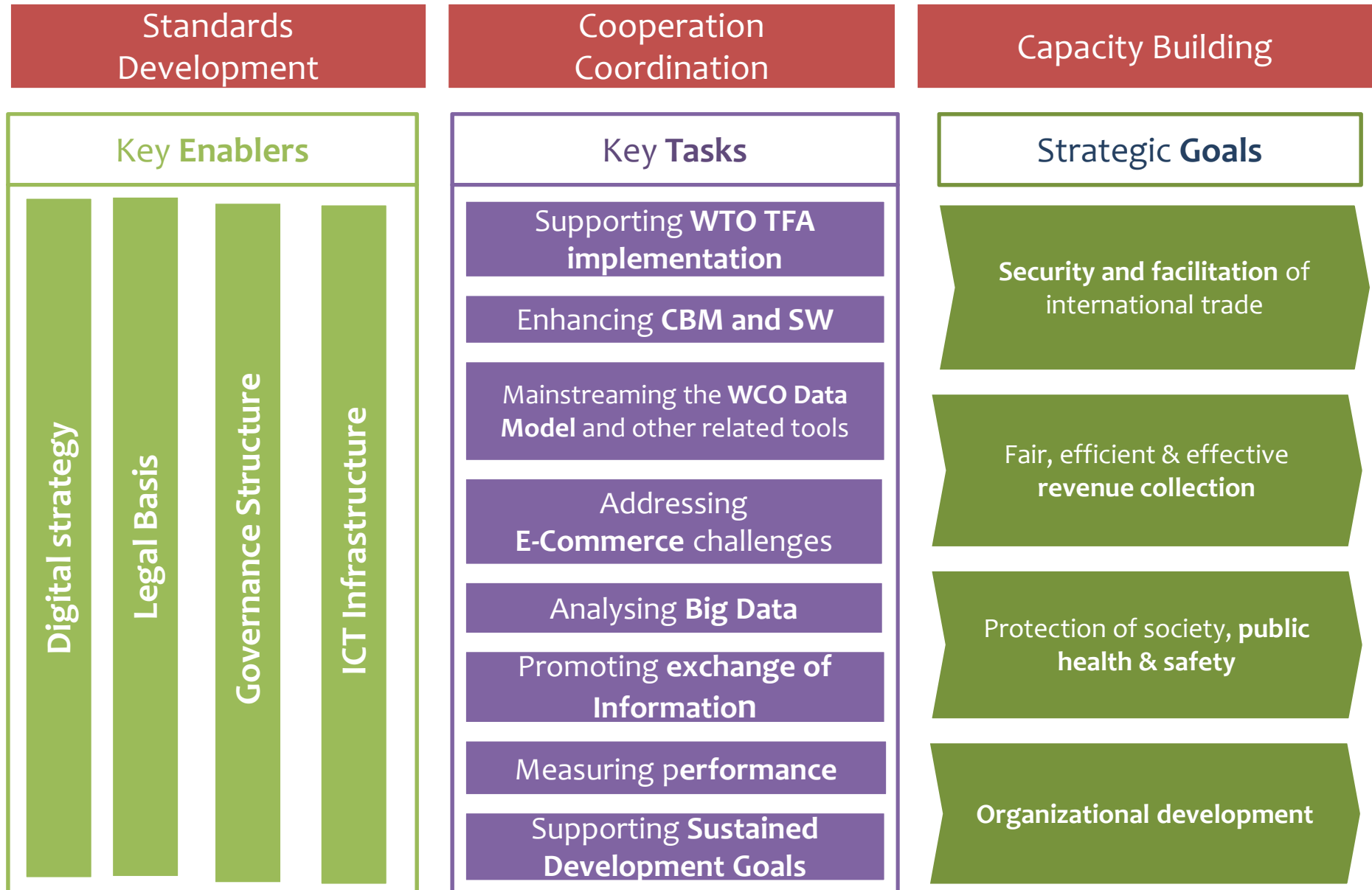
I. Background

December 2015 PC:

- ✓ Discussed Six Broad Themes
 - Leadership
 - Legal Basis
 - Modernization and Reform
 - Protection of Society
 - Communication
 - Coordinated Border Management
- ✓ Suggested additional themes – Security, e-commerce, data quality, dematerialization/paperless environment, change management, performance management
- ✓ Acknowledged challenges – Different needs and levels of IT development, resource constraints



II. Ongoing Developments





II. Ongoing Developments

March 2016 PTC

- Data Model
- Single Window
- GNC
- Data Security
- Big Data
- 3D Printing
- Drones

March 2016 EC

- nCEN
- CTS
- Automated risk management system

April 2016 CBC

- Organizational development for sustainable ICT management
- Capacity Building

May 2016 IMSC

- Governance and promotion of Data Model
- Data Security/Cyber Security
- Business Continuity Planning
- Integrated Payment System





II. Ongoing Developments

New Tools:

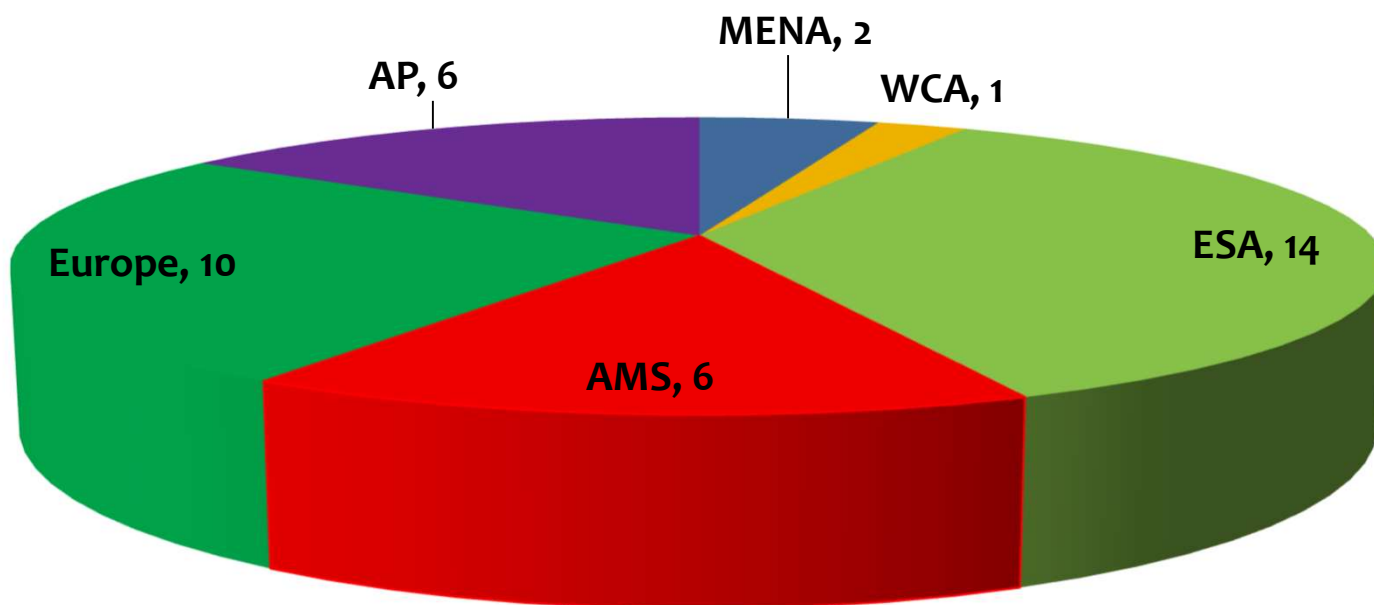
- ✓ Supplement to the Single Window Compendium
- ✓ GNC Handbook
- ✓ Version 3.6 of the WCO Data Model
- ✓ Guidelines on the use of API/PNR
- ✓ Trader Identification Number
 - Operating Principles for Exchange of AEO Data for AEO Identifiers





III. Collection and Dissemination of Members' Practices

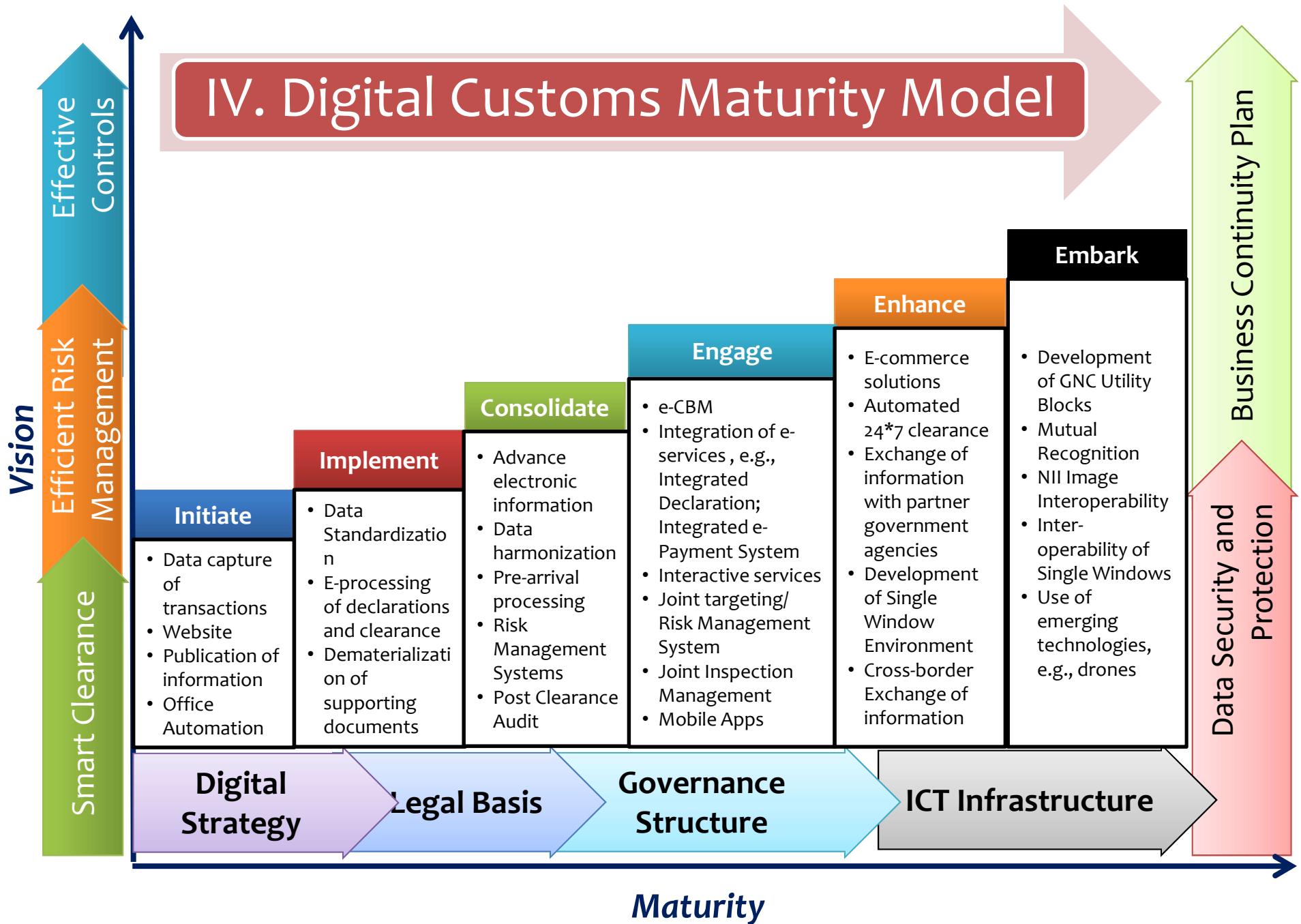
Region-wise Response



39 Responses from all WCO Regions



IV. Digital Customs Maturity Model





V. Work Plan on Digital Customs

A Scalable and Sustainable Approach...

Standards Development

- Review/update of related WCO instruments and tools, and develop new ones
- Promotion of the WCO Data Model for data standardization and harmonization
- Implementation/consolidation of e-services
- Development of standards for the interoperability and harmonization of NII imaging formats - Pilots
- Monitoring of new and emerging technologies from the Customs and trade perspectives

Engagement/ Cooperation

- Creation of a trust-based digital ecosystem
- Enhancement of the electronic interface and exchange of information with existing and new stakeholders/economic operators, and related data security and confidentiality standards
- Development/enhancement of enabling operational technologies/tools

Capacity Building

- Digital Customs Maturity Model
- Development of a guide on best practices for organizational structures in ICT governance
- Creation of a repository/observatory of Members' ICT-led innovative practices





Thank you!

Samson Bilangna
Technical Officer, WCO Secretariat
Samson.Bilangna@wcoomd.org

