



# Experience Sharing

## Customs Intelligent Governance and Trade Facilitation under the 3 Smarts Concepts

June 30, 2022

WTO Committee on Trade Facilitation formal Meeting



2015年中国成为最早批准接受世贸组织  
《贸易便利化协定》的成员之一

China Accepts the WTO Trade Facilitation Agreement in 2015,  
among the First in WTO Members

Since TFA came into force in 2017, China has actively explored on how to use intelligent technologies such as big data, block-chain, AI and 5G etc. in the customs process, border agency cooperation, and international Customs cooperation to accelerate implementation of the TFA.

The COVID-19 pandemic not only profoundly changes the trade environment in the era of global value chains, but also prompts us to rethink the implementation of the *Trade Facilitation Agreement* about how to digitalize trade, improve scientific & technological empowerment and promote connectivity through smart approaches.



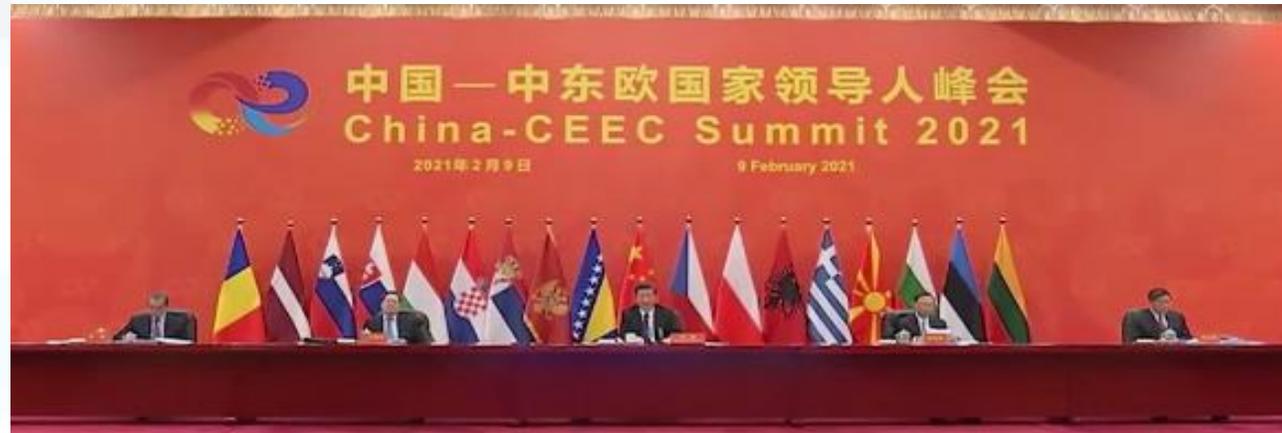
**“SMART Borders for Seamless Trade, Travel and Transport”**

——The theme of International Customs Day in 2019



**“Scaling up Customs Digital Transformation by Embracing a Data Culture and Building a Data Ecosystem.”**

——The theme of International Customs Day in 2022



**At the 2021 "China-Central and Eastern Europe" summit, Chinese President Xi Jinping first officially proposed a major initiative to deepen customs cooperation on "Smart Customs, Smart Borders and Smart Connectivity" ("3S") for trade security and faster clearance which was well received by the participants.**



The core concept of the "3S" Initiative is “Smart”, which indicates not only the application of advanced technologies and equipment, but also innovative thinking, scientific methods and modern administrative systems.

Our experience shows that 3S initiative can accelerate implementation of the TFA, especially article 1, 7, 8, 10, 12 and 13.

**Article  
1& 7**

### Customs' Capacity

- Smart Customs

**Article  
8& 10**

### Cooperation Among Border Agencies

- Smart Borders

**Article 12&  
13**

### International Customs Cooperation

- Smart Connectivity



WORLD TRADE  
ORGANIZATION

WT/MIN(13)/36  
WT/L/911

11 December 2013

(13-6825)

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Ministerial Conference  
Ninth Session  
Bali, 3-6 December 2013

#### AGREEMENT ON TRADE FACILITATION

Preamble

#### SECTION I

ARTICLE 1: PUBLICATION AND AVAILABILITY OF INFORMATION

ARTICLE 2: OPPORTUNITY TO COMMENT, INFORMATION BEFORE ENTRY INTO FORCE AND CONSULTATION

ARTICLE 3: ADVANCE RULINGS

ARTICLE 4: APPEAL OR REVIEW PROCEDURES

ARTICLE 5: OTHER MEASURES TO ENHANCE IMPARTIALITY, NON-DISCRIMINATION AND TRANSPARENCY

ARTICLE 6: DISCIPLINES ON FEES AND CHARGES IMPOSED ON OR IN CONNECTION WITH IMPORTATION AND EXPORTATION

ARTICLE 7: RELEASE AND CLEARANCE OF GOODS

ARTICLE 8: BORDER AGENCY COOPERATION

ARTICLE 9: MOVEMENT OF GOODS UNDER CUSTOMS CONTROL INTENDED FOR IMPORT

ARTICLE 10: FORMALITIES CONNECTED WITH IMPORTATION AND EXPORTATION AND TRANSIT

ARTICLE 11: FREEDOM OF TRANSIT

ARTICLE 12: CUSTOMS COOPERATION

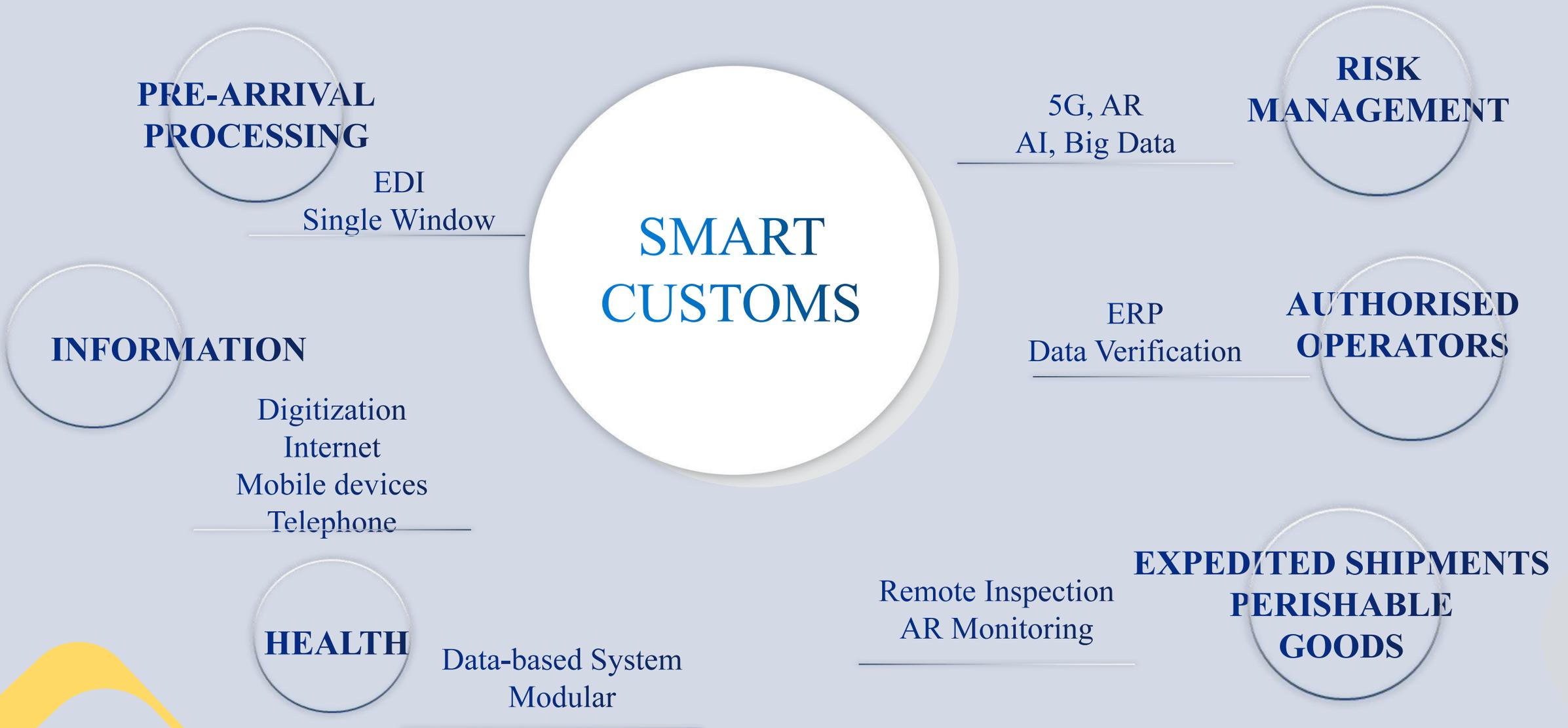
ARTICLE 13: INSTITUTIONAL ARRANGEMENTS

#### SECTION II

SPECIAL AND DIFFERENTIAL TREATMENT PROVISIONS FOR DEVELOPING COUNTRY MEMBERS AND LEAST DEVELOPED COUNTRY MEMBERS



# SMART CUSTOMS



**PRE-ARRIVAL  
PROCESSING**

EDI  
Single Window

**INFORMATION**

Digitization  
Internet  
Mobile devices  
Telephone

**HEALTH**

Data-based System  
Modular

**SMART  
CUSTOMS**

5G, AR  
AI, Big Data

**RISK  
MANAGEMENT**

ERP  
Data Verification

**AUTHORISED  
OPERATORS**

Remote Inspection  
AR Monitoring

**EXPEDITED SHIPMENTS  
PERISHABLE  
GOODS**

# Example 1: “Contactless panorama” customs control in 5G Intelligent Technology Application

“5G flat panel + smart glasses”



“license plate recognition” and “face recognition”



# SMART BORDER



Customs

## 01 FORMALITIES

Single Window  
Electronic Processing- Smart Contact  
Simplification of Documents



## 02 BORDER AGENCY COOPERATION

Integration  
Information Sharing- Blockchain  
Mutual Recognition  
Support in Enforcement- Connected Facilities

## Example 2: “Customs Clearance in Advance” and “Contactless Customs Clearance”

“Customs Declaration on Arrival”



“Customs Clearance in Advance”  
“Contactless Customs Clearance”



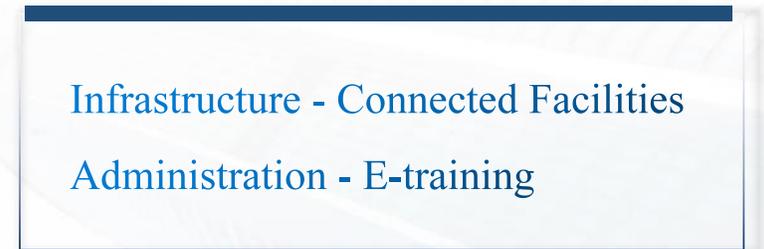
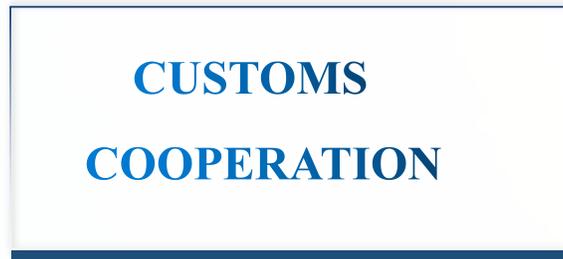
**Hohhot Customs**

shortened  
from 1 hour to  
10 minutes

single person  
to 10 seconds

The intelligent  
gate channel

# SMART CONNECTIVITY



## Example 3: Smart Connectivity of Digital Border Information

### Chongqing Customs of China and Singapore Port Group

#### “Smart Connectivity”

The real-time interaction of dynamic  
information of container logistics





# 2022

**Based on our efforts to integrate intelligent technologies into the implementation of TFA, China fully implemented the TFA 100% ahead of schedule in January 2020.**

**So far, the "3S" Initiative has been accepted in **21** strategic documents or inter-government cooperation documents by international organizations such as WCO and APEC, and China has developed **89** "3S" pilots in different ports.**

**THANK YOU**

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