China's Smart Customs: Driving Trade Facilitation to New Heights with Big Data

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Introduction

Background
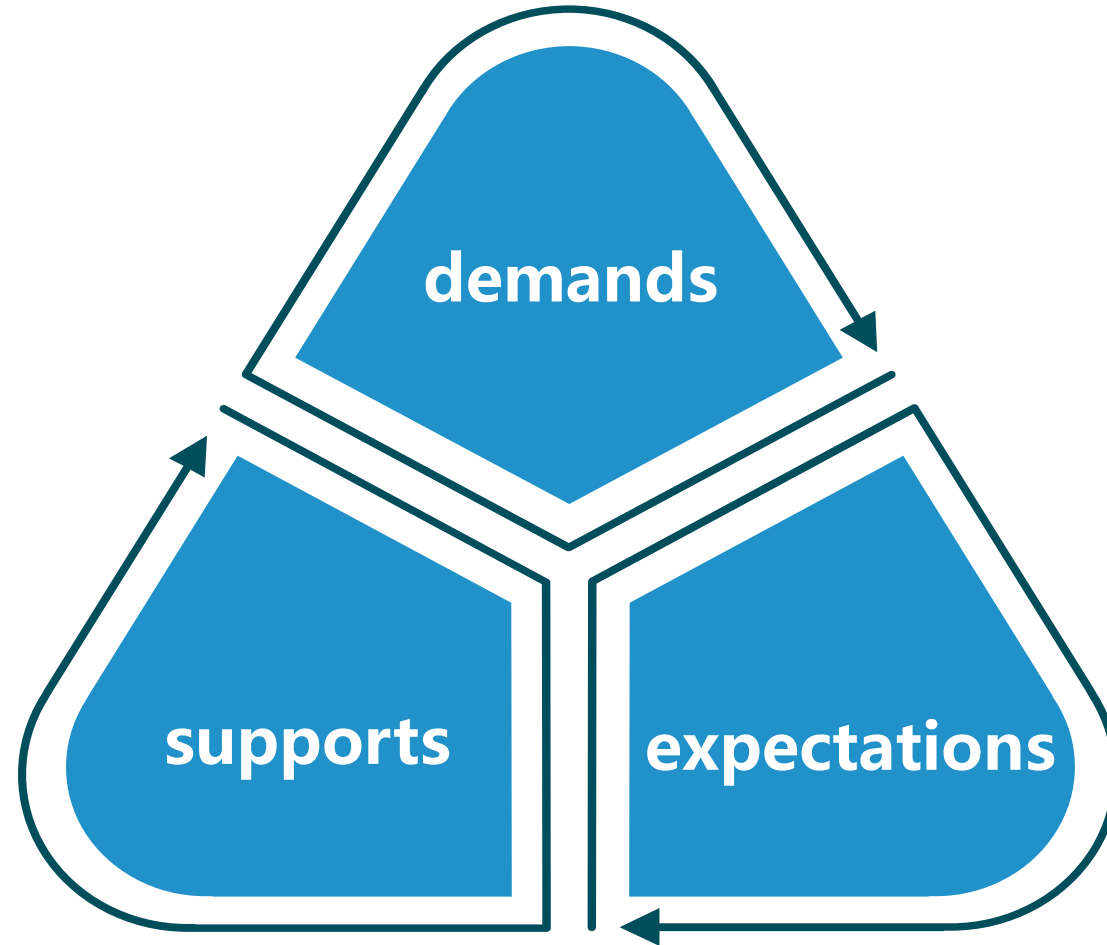
"Smart Customs , Smart Border and Smart Connectivity"

"Smart Customs" online cooperation platform and the BRICS demonstration center

2021

2023

2024

"Smart Customs" cooperation partnership

demands

supports

expectations

The Connotation of Smart Customs

the value orientation — "security, facilitation and efficiency"

the core — digital transformation and intelligent upgrading

Systematic upgrade — concept and operation model of customs supervision
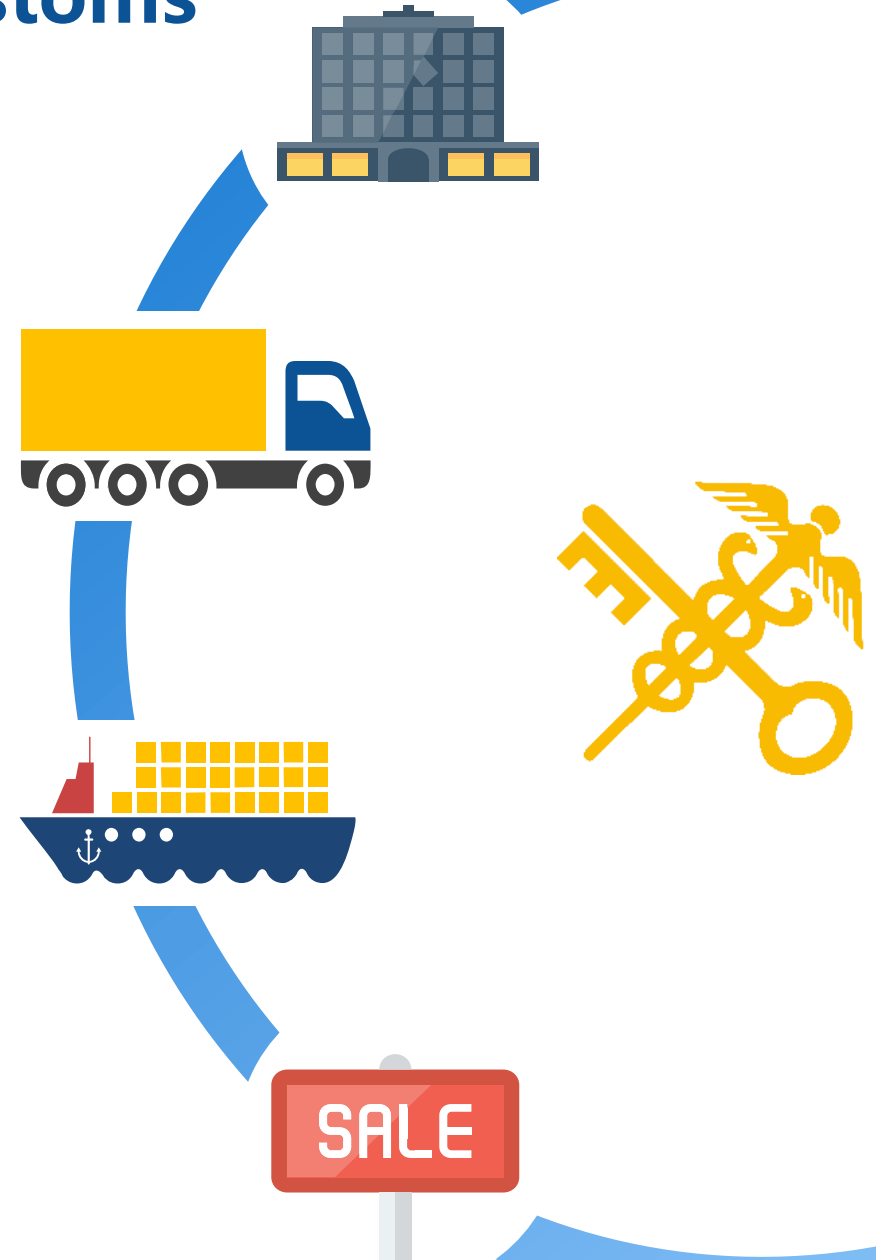
The Connotation of Smart Customs

First, to establish comprehensive oversight across the entire business process.

Second, to implement holistic prevention and control throughout the entire process.

Third, to provide comprehensive and convenient services.

Fourth, to ensure smooth operation across all domains.

Empowering Smart Customs with technology

We are committed to empowering through data.

Establish and improve the collection , sharing and utilization of customs data.

Enhance the scientific level of decision-makin and the efficiency of management services.

Empowering Smart Customs with technology

We have explored ways of adopting intelligent equipment and facilities to enhance the capacity of customs supervision services.
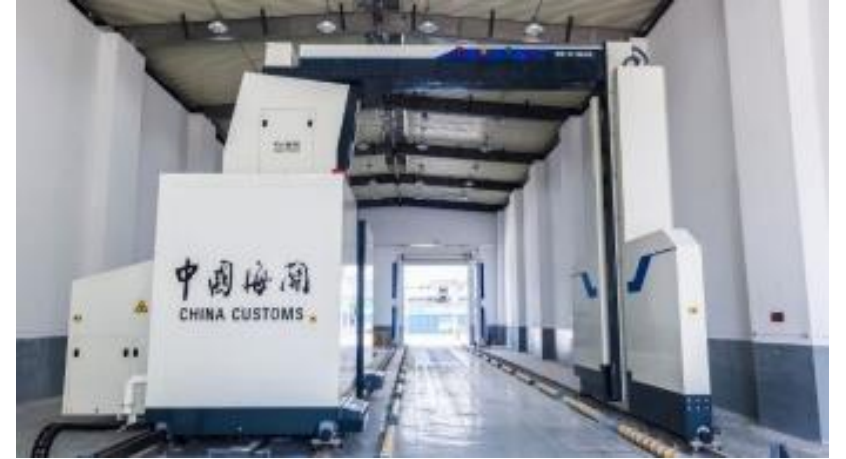
Smart Customs will bring convenience to enterprises

First, to promote more convenient Customs operation, deepen the construction of the "Single Window" for international trade.

Smart Customs will bring convenience to enterprises

Second, to promote more effective logistics and transportation, upgrade the supporting measures to promote cross-border logistics.

Third, to promote smarter customs supervision, promote the construction of Smart Customs and Smart Ports in synergy.

The Road Map

In 2025, the construction of Smart Customs has entered into the stage of final integration.

The Road Map

Take further step to expand "Smart Customs" cooperation , to promote a higher level of trade security and facilitation jointly.

The Application of Big Data in China Customs

I.   **Background**

II. **Management Mechanism**

III. **Legal Framework**

IV. **Data Framework**

V.   **Application of Big Data**

VI. **Trade Facilitation Practice**

VII. **Future Prospect**

Traditional Customs declarations:
80 million

Cross-border E-commerce :
7 billion

Import and Export active entities
630,000

management machanism

The General Administration of Customs of China (GACC)

Data Expert Committee

The Leading Group for Big Data Work

The Risk Management Department

Big Data Management Division

Guangzhou   Shenzhen   Huangpu   ......   Beijing   Tianjin   Gongbei

foshan   tianhe   ......   zhaoqing
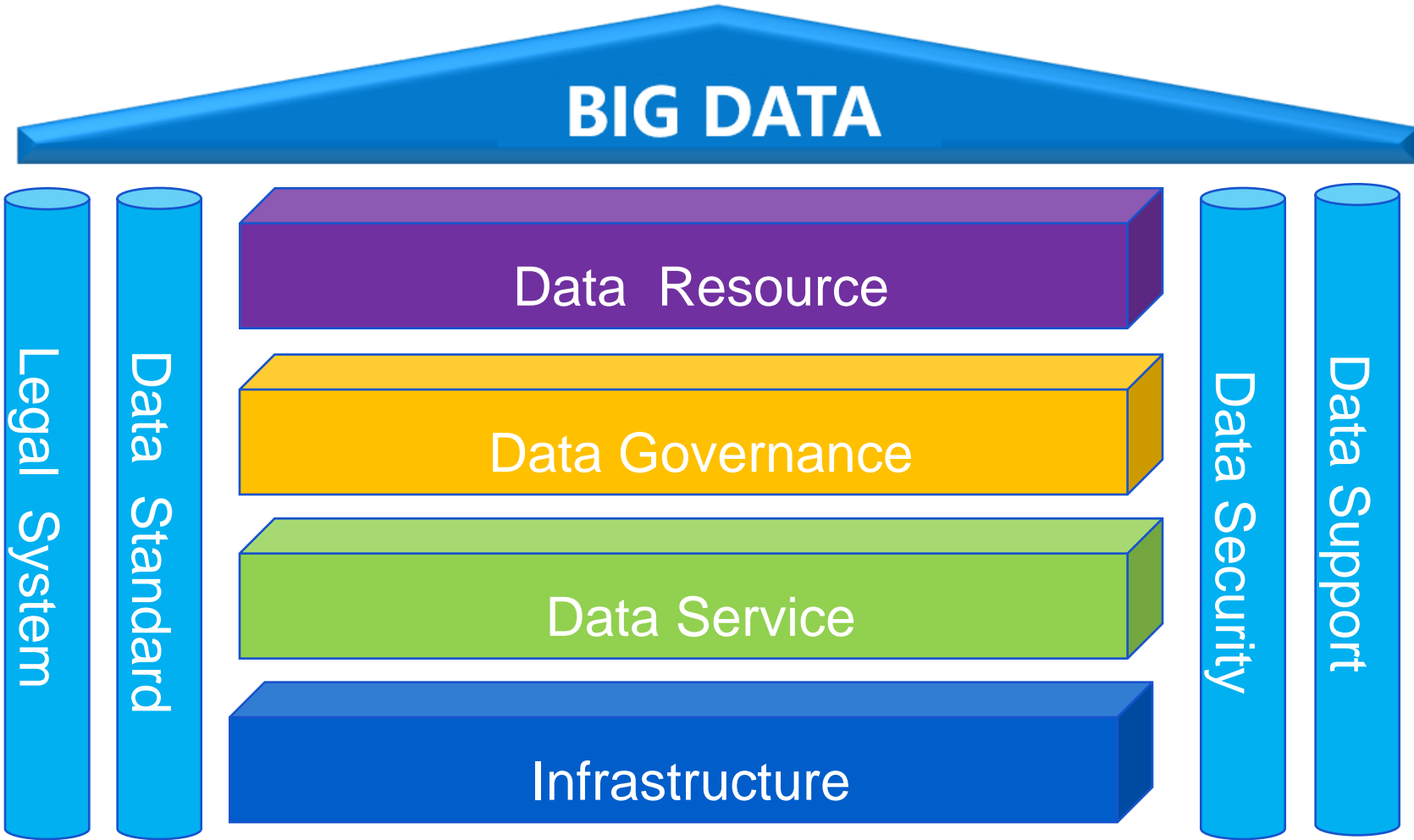
Big Data application innovation demonstration point

✳**Data Security Law**
✳**Cybersecurity Law**
✳**Personal Information Protection Law**

national level

✳**Classification and Grading of Customs Data**
✳**Measures for Customs Data Security**
✳**Measures for the Sharing of Customs Big Data Resources**

customs levels

BIG DATA

Data Resource

Data Governance

Data Service

Infrastructure

Legal System

Data Standard

Data Security

Data Support

Data Framework

Building a unified database

Building datasets
for each business

Developing a united
data analysis platform

Establishing a
unified data portal

Building a cluster of intelligent models

Application of Big Data

CHINA CUSTOMS

Trade Facilitation Practice

01 Enterprise-related service models

02 Lower inspection to AEOs

03 Special treatment to special packaging goods

WCO/WTO
Study Report on
Disruptive Technologies

JUNE 2022

future prospect

Multilateral Cooperation

Thank you !

Zheng Xiaolong & Chai Jiayi