Promoting the Customs Modernization through the implementation of “Smart Customs” Practice From China Weijian Shao
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01 Smart Customs and Customs Modernization

Adapt to the demands of huge trade supervision, imports & exports in excess of RMB 30, 40 trillion

Smart Customs coincides with the evolution direction of Customs Modernization in the AI Era.

Demand for promoting healthy development of new trade forms such as digital trade, e-commerce and green economy.

Solve the challenges of "Widen Open" and "Fast Clearance" faced by Customs Controls.
After full preparation, China Customs formulated *the General Scheme for Smart Customs* in July 2023, laying out the construction of Smart Customs.
What does Smart Customs do?

Building Smart Customs includes:

- Customs Operation system
- Science and technology support system
- Reforming-driven and Technology-driven
Smart Customs “4-comprehensive” Operation System by 6 Reforming Driven

① The whole-chain supervision mechanism featured by tight and adapting to the situation,
② The whole process, multidimensional and integrated prevention and control mechanism,
③ The all-round facilitative and efficient service mechanism,
④ The smooth operational mechanism of all-fields coordination.
Smart Customs 5 Scientific & Technological Support Platforms Driven by 3 Mechanisms

1. Application support platform.
2. Big data analytics platform.
4. Monitoring and command platform.
5. Infrastructure support platform.
03 Trade Facilitation Brought to Enterprises by Smart Customs

➤ Smart Customs not only pursues institutional and technological excellence but also strives for trade facilitation.

➤ Rapid breakthrough in technologies such as AI, the Internet of Things (IoT) and blockchain provides key technical support for Smart Customs.

➤ To meet the ever-changing market demands, Smart Customs has adopted a development model combining "microservices" and "small terminals" for enhancing the sense of enterprises gains.
Best Practice from GACC

01

Haikou Customs upgraded intelligent identification methods in large-scale container scanning system, which enhanced capabilities to detect and intercept items through mail & passenger inspection channels.

02

Nanjing Customs developed AI preliminary screening and remote support for wood identification, which extends laboratory technology and expert knowledge to the frontlines for wood inspections.

03

Guangzhou Customs developed algorithms for Optical Character Recognition (OCR) to extract key elements from documents, which improved the ability of on-site customs officers to quickly examine customs declarations and accompanying documents.
Make decisive progress, and most of the planned construction objectives will be achieved.

The four components of Smart Customs achieve integration, and demonstrate more significant achievements.

Solidify an advanced and internationally competitive customs system.

A world-class modernized customs system is fully established.
Thanks

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