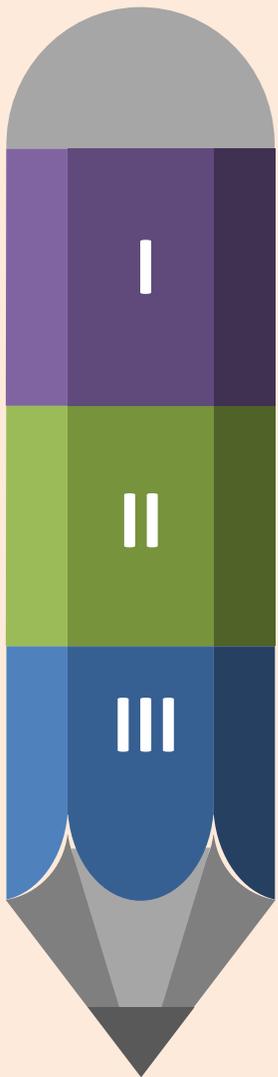


Brief Introduction of the International Cooperation on China Inspection & Quarantine E-cert



Lin Jing
Deputy Director General of Tianjin Customs of China

2019

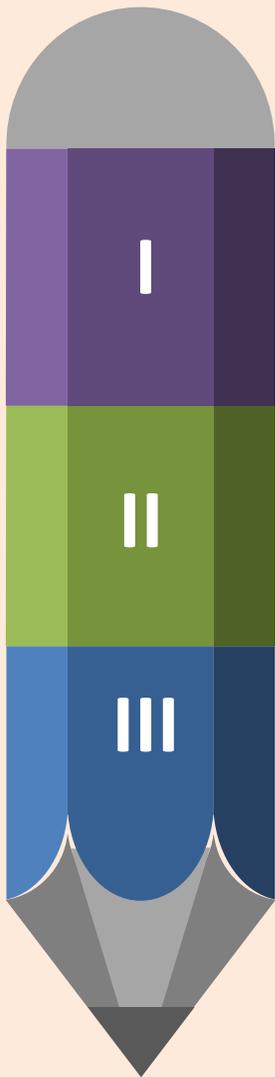


Overview of the GACC

Overview of the e-Cert System

Next Steps





Overview of the GACC





China Customs is a border agency supervising inbound and outbound activities and has a centralized organizational structure.

Its key functions include customs control, revenue collection, entry-exit inspection and quarantine, fighting against smuggling and foreign trade statistics compilation.

It also manages tasks including port management, management of bonded operations, audit-based customs control, customs enforcement of intellectual property rights and international customs cooperation.



- 47 direct subsidiaries
- 42 Customs Districts
- 2 Customs educational institutions
- 742 local Customs houses and offices

The former China Inspection and Quarantine (CIQ) agencies takes responsibilities for national entry-exit inspection and quarantine and the issuance of certificate accordingly.

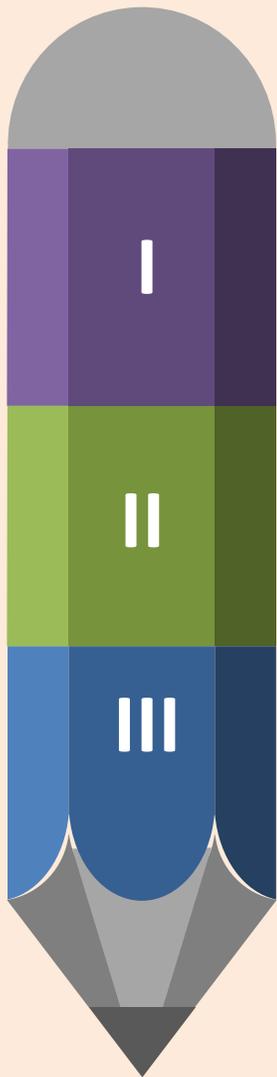


From April 20, 2018, the previous entry-exit inspection and quarantine workforce commenced operation as an integral part of Customs.



Including the issuance and verification of millions of export and import certificates, e.g. phytosanitary certificates, inspection certificates, fumigation certificates, veterinarian sanitation certificates, etc.

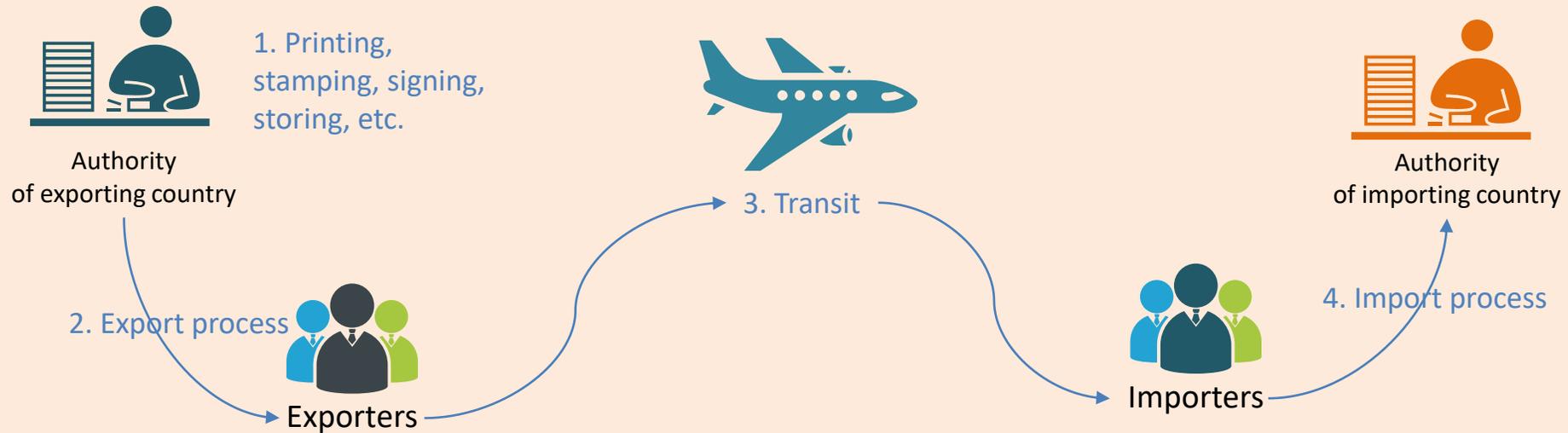




Overview of the e-Cert System



Why e-Cert?



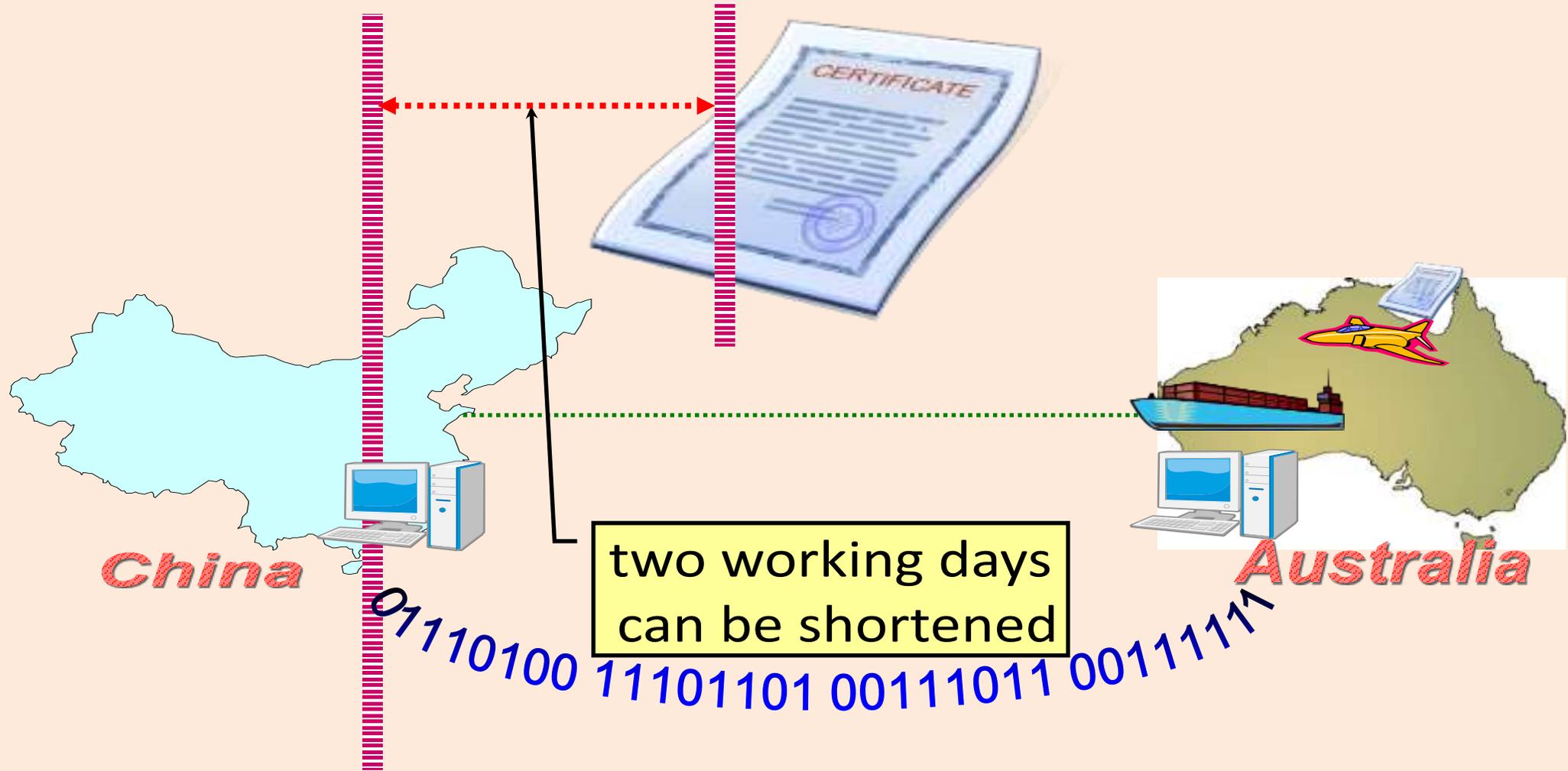
The common flow of paper certificates:

- The process is long and involves many actors;
- Rectification will be long if errors in documentation occurs;
- Risk of loss or damage of the certificate during the various transfers;
- Risk of a certificate being changed or altered or a fraudulent certificate being introduced through the chain of transfer;
- Paper certificate processes can be an important bottleneck in the trade transaction

Differences between paper certificates, PDF/JPG and e-Cert

	Paper	PDF/JPG	e-Cert
Form	Paper	Digital picture	Data
Human-readable	Yes	Yes	Yes
Computer-readable	No	No	Yes
Can be transmitted electronically	No	Yes	Yes
Can be transmitted digitally	No	No	Yes
Delivery time	Long	Immediate	Immediate
Data analysis	No	No	Yes

SPEED UP THE CONSIGNMENT CLEARANCE

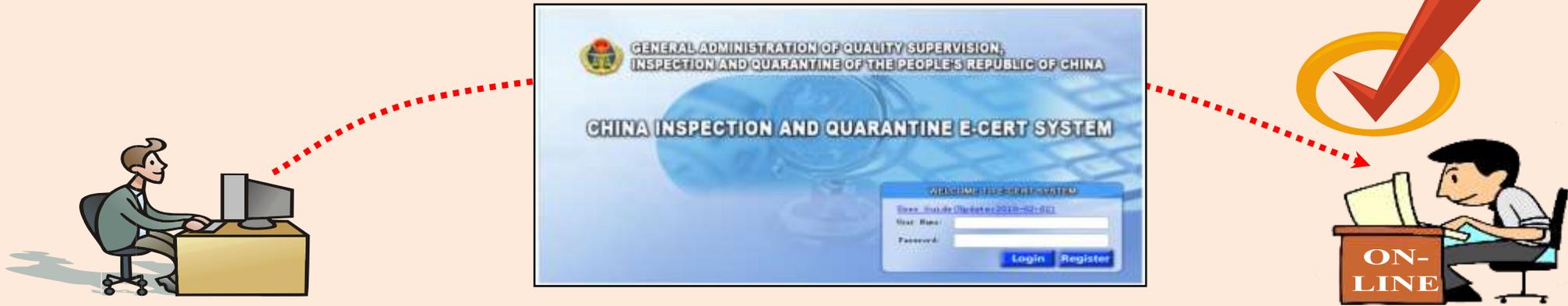


ERADICATE COUNTERFEITING CERTIFICATES



Before

After



ON-LINE

KEEP THE COMMUNICATION CHANNEL UNBLOCKED



Based on the close collaboration, China has established networking verification mechanism with foreign governmental authorities



GENERAL ADMINISTRATION OF CUSTOMS, P.R.CHINA

CHINA INSPECTION AND QUARANTINE E-CERT SYSTEM

Standardization

- Designed in accordance with international standards.
- Conforming to the UN/CEFACT E-cert Data Standard model
- Data transmitted in the extensible Markup Language (XML)

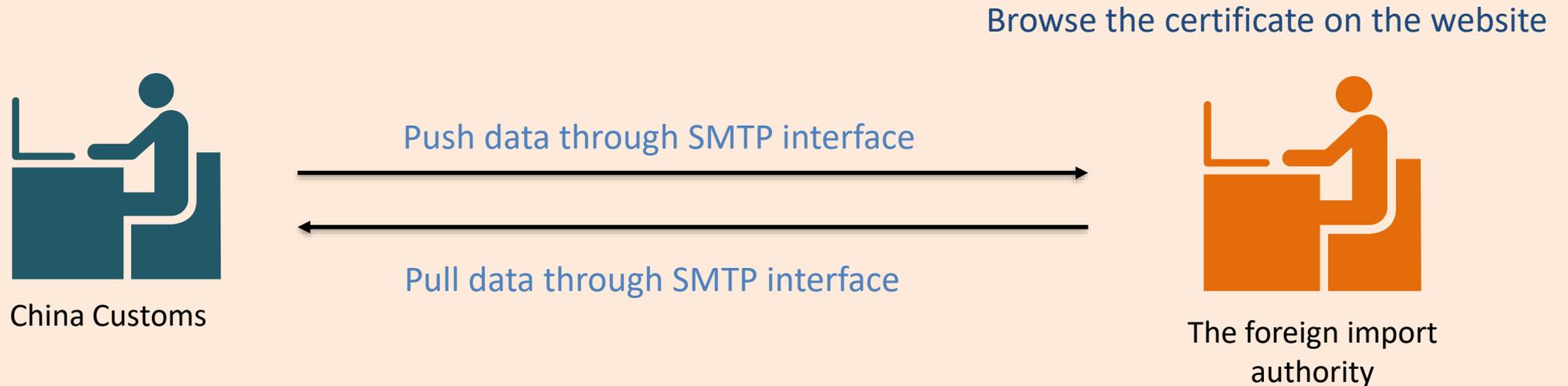
```
<certificates>
  <certificate no="NZL2009/AER1/36" status="Approved">
    <issue_date year="2009" month="3" day="26" hour="19" minute="31" second="00">
    <exporting_country country_code="NZ">
      <country_name>New Zealand</country_name>
      <competent_authority>New Zealand Food Safety Authority</competent_authority>
    </exporting_country>
    <importing_country country_code="NZ">
      <country_name>New Zealand</country_name>
    </importing_country>
    <title>
      <text language="en"><![CDATA[ Certificate for Animal Products for Human Consumption Exported from New Zealand ]]></text>
    </title>
  </certificate>
</certificates>
```

```
<xs:element name="exporting_country">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="country_name"/>
      <xs:element ref="competent_authority"/>
    </xs:sequence>
    <xs:attribute name="country_code" type="string_2" use="required"/>
  </xs:complexType>
</xs:element>
<xs:element name="country_name" type="string_254"/>
```

Flexibility

3 flexible accesses:

- On-line browse and verification (<http://ecert.eciq.cn>)
- Pull data (SOAP interface)
- Push data (SMTP interface)



Efficiency

- Verify e-Cert information in real time
- Submit online inquiry
- Adopt measures according to verification results and reply immediately

Interactive Informations			
Type	Operator	Date	Content
Request	fda	2009-04-10	Please provide a certificate explanation.
Response	110000200707300006	2009-04-17	Please check mail.

Verification Information						
Verification Result	<input checked="" type="radio"/>	Pass	<input type="radio"/>	Refuse	<input type="radio"/>	Request
Remark						

Security

- Secure Hypertext Transfer Protocol (HTTPS)
- 128 bit encryption
- User authentication

ION AND QUARANTINE E-CERT SYSTEM

Register	
User Name*	test
Password*	●●●●●●●●
Organization Name*	
Telephone*	



GACC HAS SIGNED COOPERATION AGREEMENTS WITH



- FOOD SAFETY AUTHORITY (MINISTRY OF PRELIMINARY PRODUCTS) OF NEW ZEALAND,



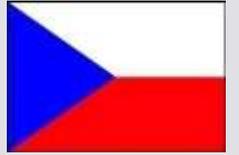
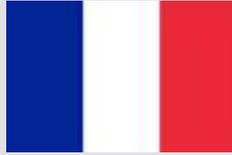
- DEPARTMENT OF AGRICULTURE, FISHERIES AND FORESTRY, MINISTRY OF ECONOMIC AFFAIRS OF AUSTRALIA,

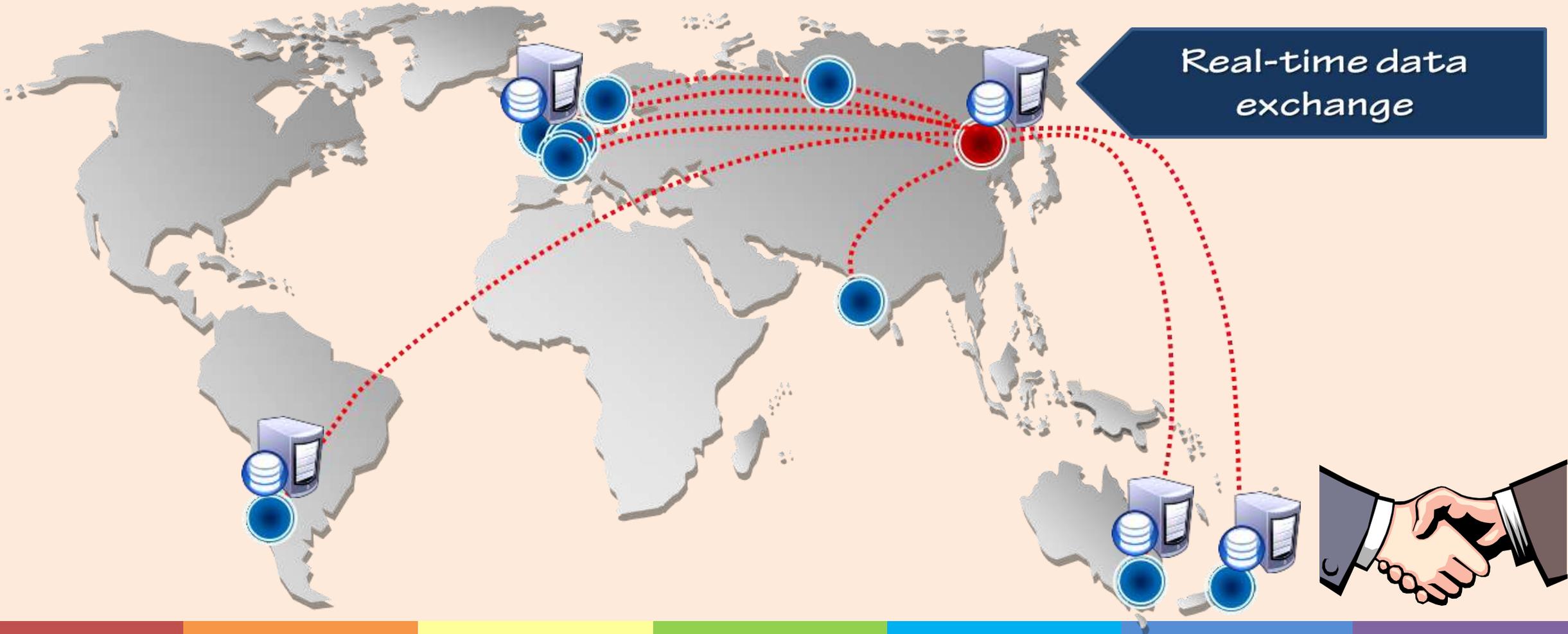


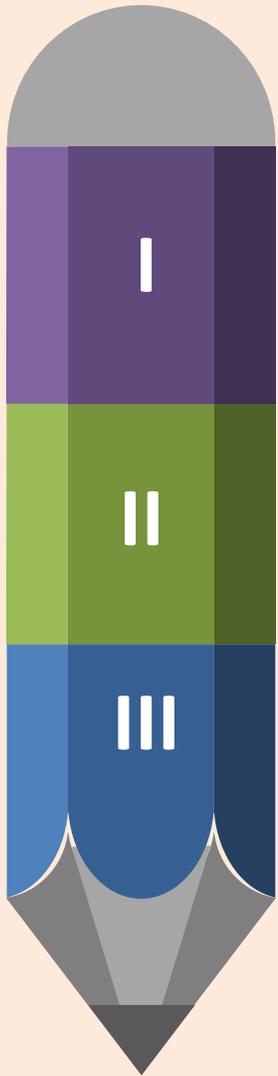
- AGRICULTURE AND INNOVATION OF THE NETHERLANDS,



- THE AGRICULTURAL AND LIVESTOCK SERVICE OF CHILE.



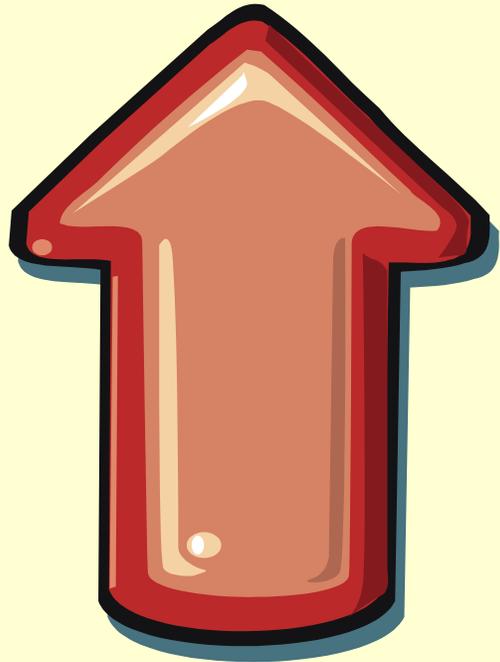




Next Steps



Our next step will focus on...



further perfecting the functions of the China e-Cert



promoting international e-Cert development



accelerating the process of paperless certification

Thank You!

