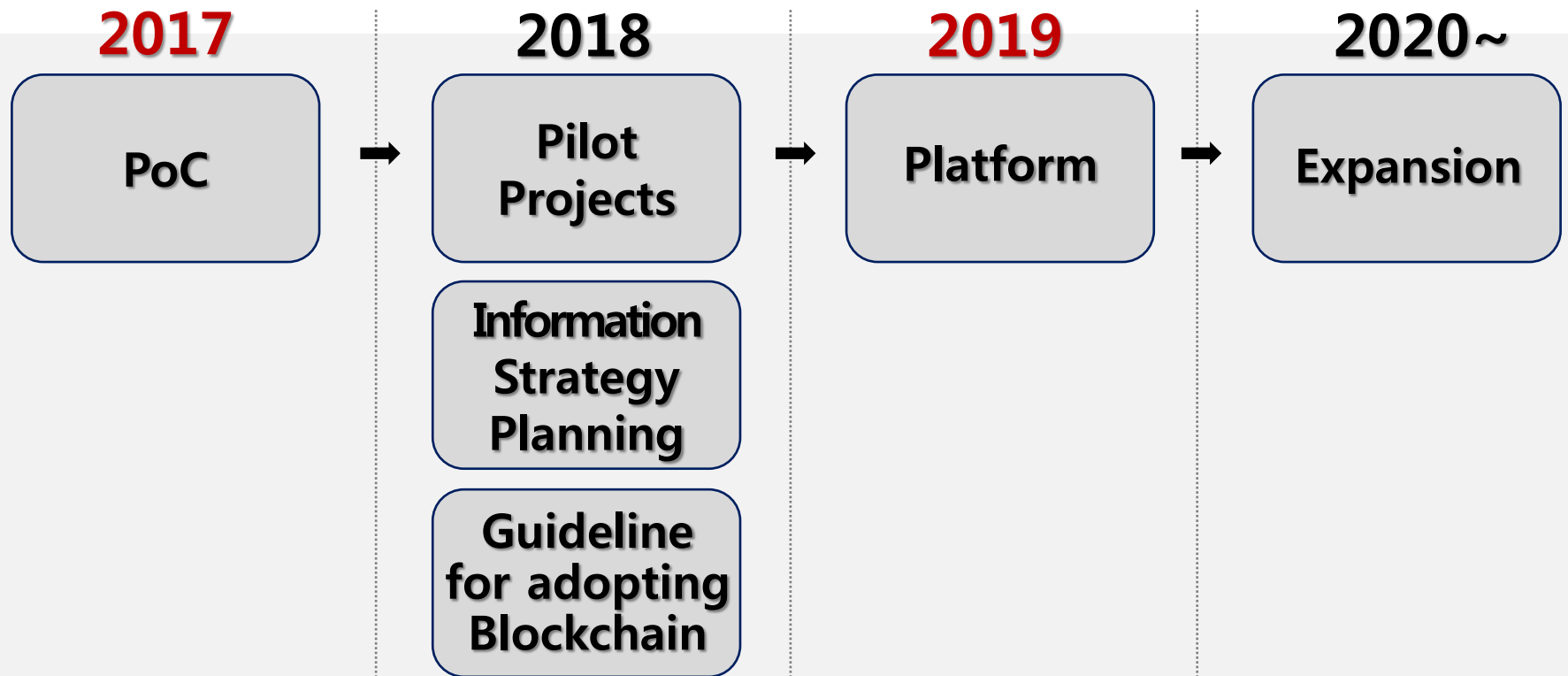


Korea Customs' Blockchain Initiatives



Development Phases of Blockchain Adoption



Cooperation with IT Research Institution, IT companies and parties in trade

Review Blockchain Technology

Discovering business area

Standardization

Expansion
Stabilization
Improvement

■ Ocean Shipping Blockchain Consortium

May 31st, 2017 ~ Dec. 21st, 2017

41 participants

Cargo from Korea to China, Vietnam, India, Dubai and Europe

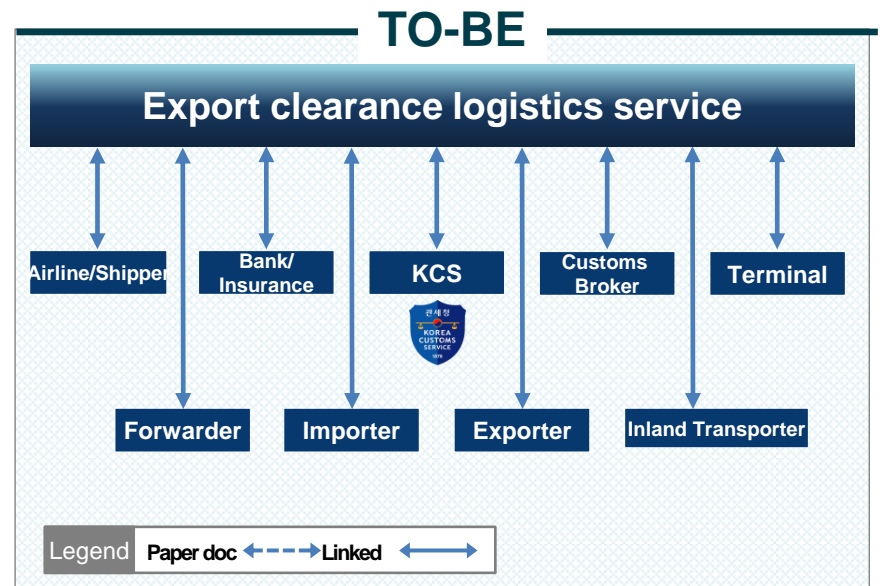
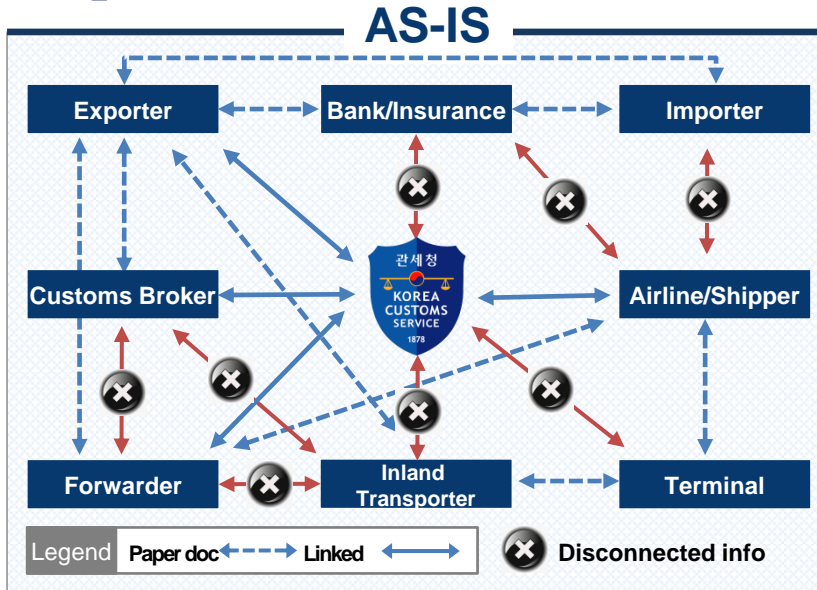
Platform : Samsung Cello(Hyperledger)

- **Information sharing**
- **Smart Contract**
- **Internet of Things**

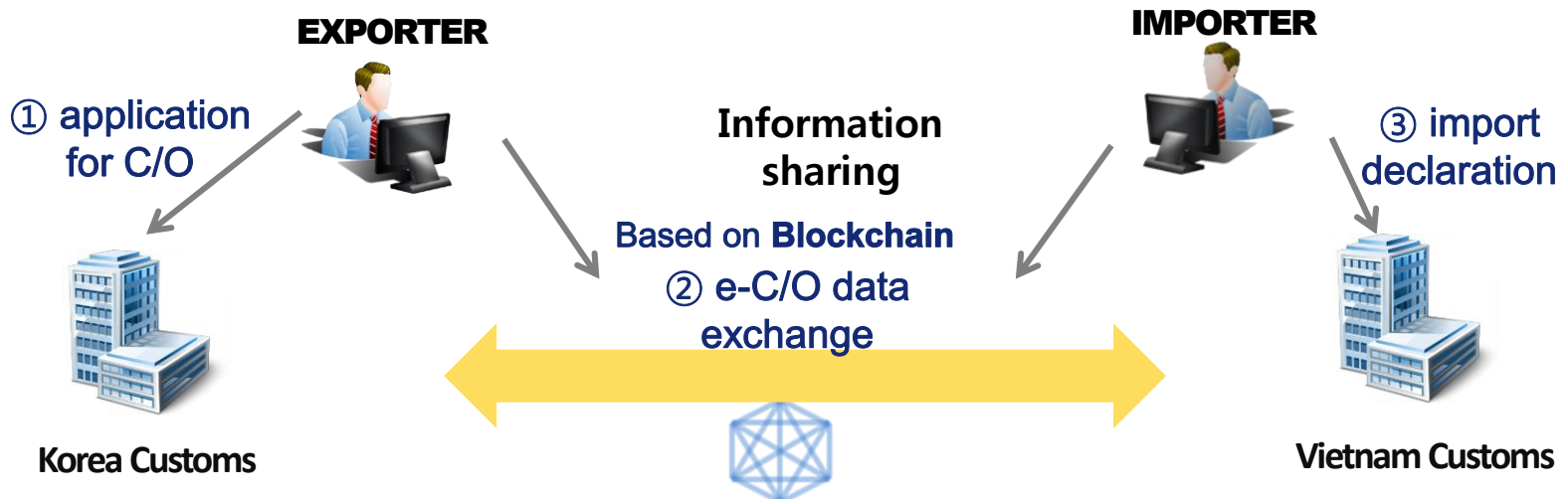
Measure and Review Blockchain Technology
Decide the Development Direction
Recognition of Customs Role and Preparations

Blockchain Pilot Projects in 2018

Export Clearance & Logistics Service



Exchanging C/O based on blockchain



ISP & Guideline / Platform

- **Standard Guideline & ISP**

- **Effects Analysis**
- **Guideline for building node of participants**
- **Guideline for Expanded Application of Blockchain**

- **Plan for 2019**

- **Consolidated Blockchain platform**
- **Interconnectivity**
- **5.5 million dollars**
- **e-CO, clearance and other processes**

Thank you

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