

UNESCAP-WCO-ICC-ADB Webinar  
Digitalizing Certificates of Origin | April 27<sup>th</sup> 2022



**MAKING AN  
IMPACT THAT  
MATTERS**  
*since 1845*

# Introduction | Changing international trade environment

## Typical Global Trade and Customs Challenges



Global regulatory changes



Brand risk / risk mitigation



Global transparency



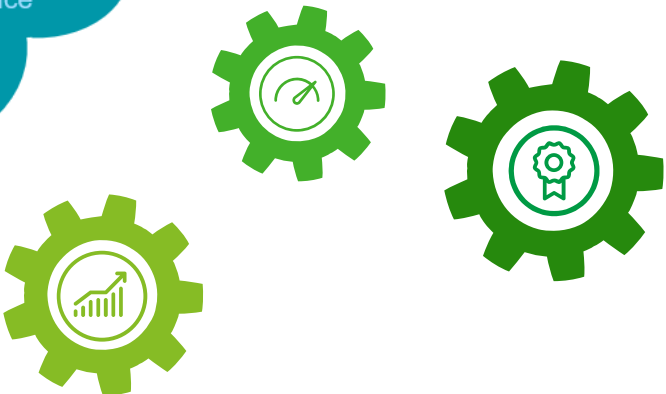
Rapidly changing technology



Skilled (limited) resources



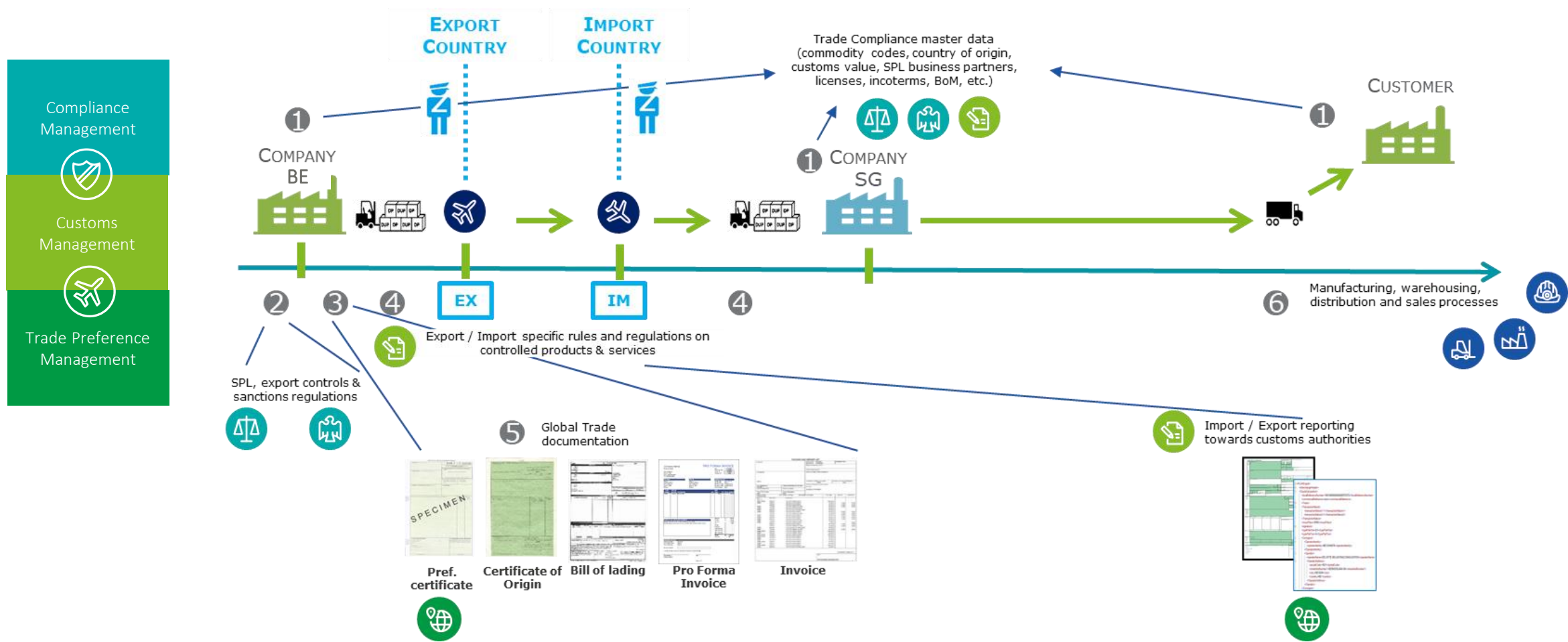
Need to add more value



Sustainable ↔ Scalable

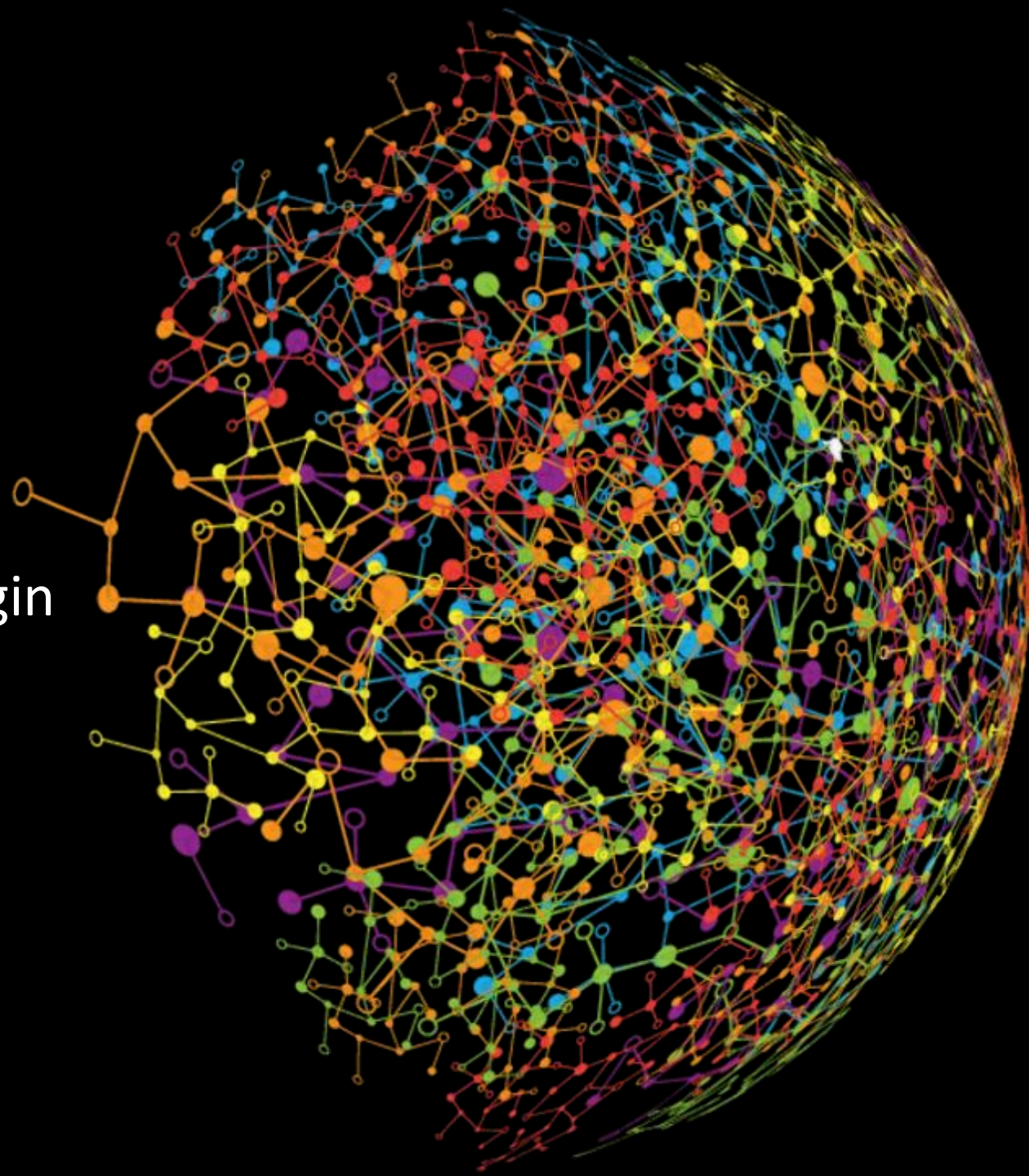
# Introduction | Leverage technology as enabler in an increasingly complex environment

Trading across borders has become increasingly complex and a product’s “chain of custody” information is becoming increasingly important, given consumers' growing interest in the provenance of the goods they buy, increasing regulations around tracking and traceability of products, and trade facilitative measures which require transparency and self-compliance.

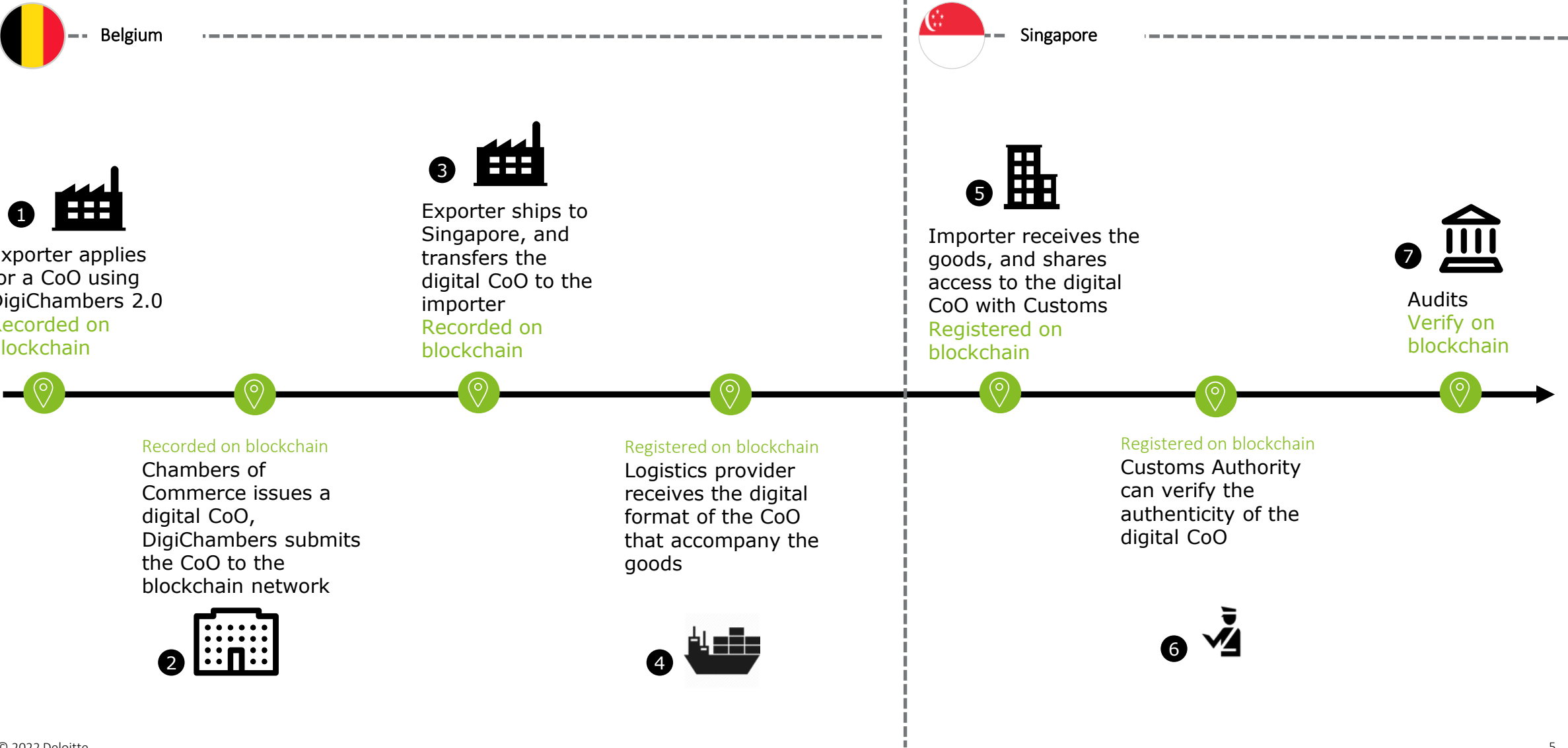




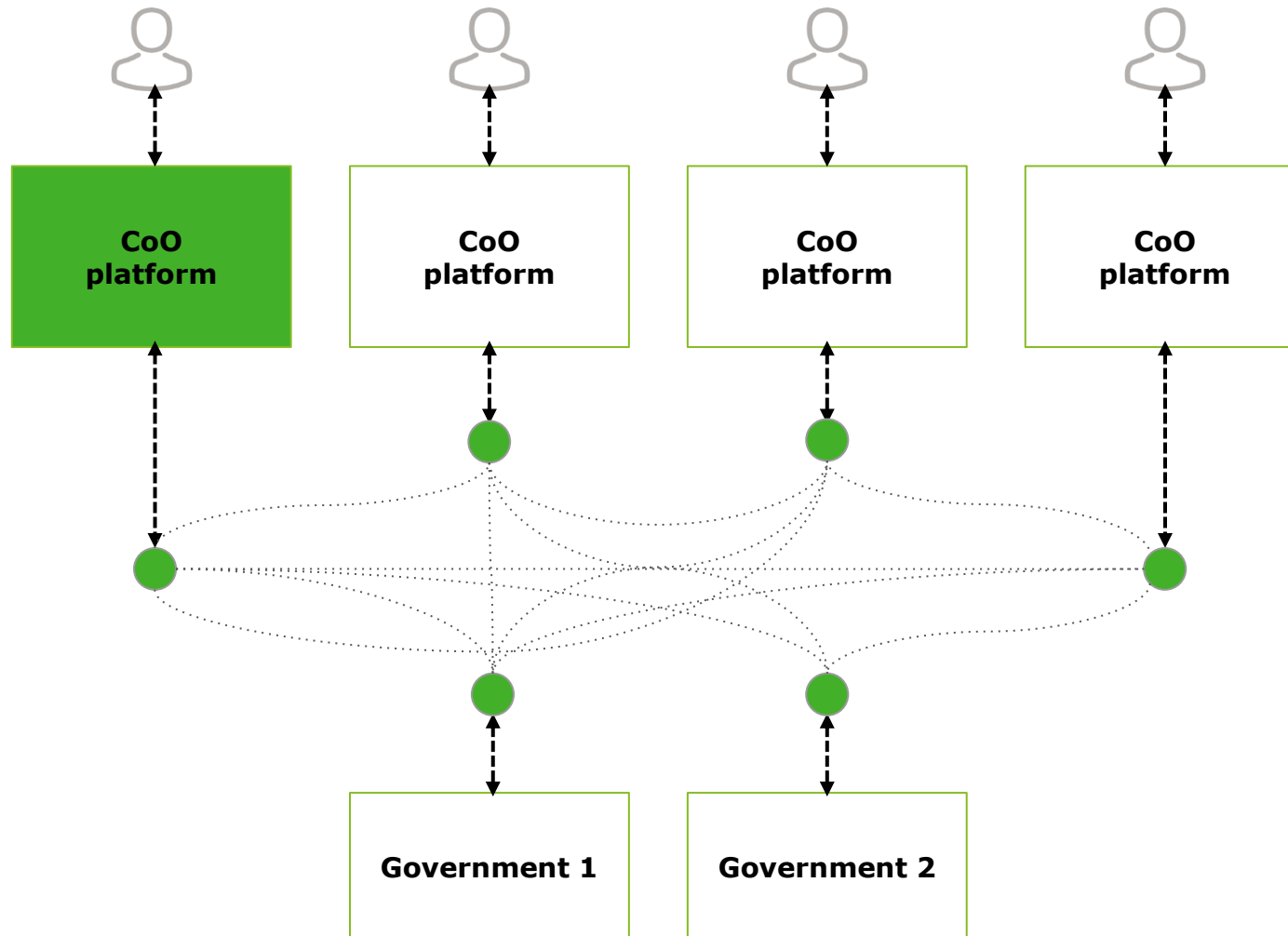
Pilot – Digitalized Certificates of Origin



# End to end digital CoO flow – Example Flow



# End to end digital CoO flow – Network of platforms



## End-User

direct interaction with platform

## Platform Layer

transaction processing

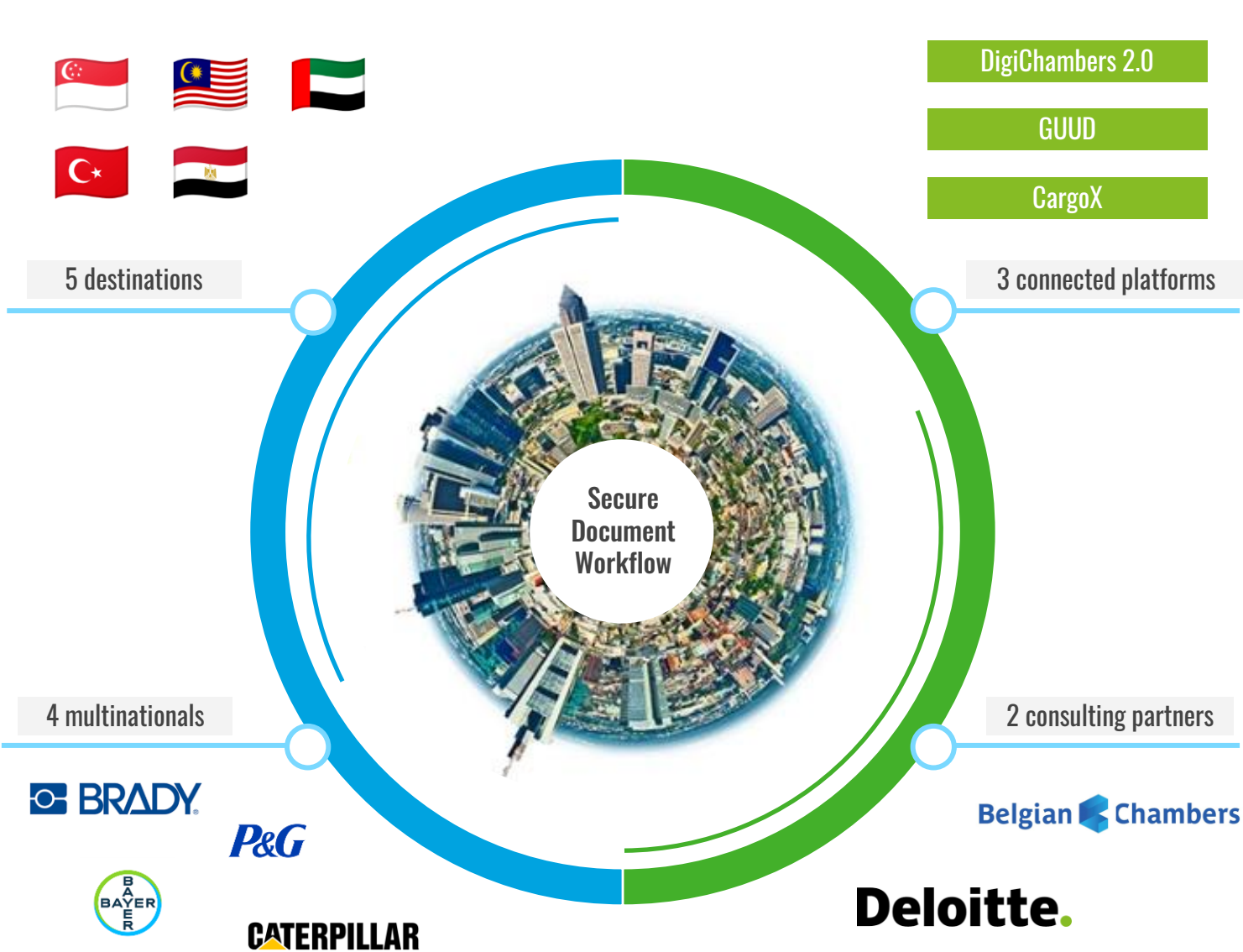
## Network layer for B2B & B2G

interconnected network of platforms **provides an immutable ledger** such that **authenticity** of documents can be proven **without revealing the data**

## B2G Use case :

Gov requests info (traceable) while maintaining privacy (p2p) and immutability (registered info only)

# Current state of the pilot – Growing network reach



### Adding destinations

- Export from Belgium & UAE currently supported
- Additional destinations being added based on interest expressed by potential pilot users

### Network of platform

- Interconnecting existing eCoO platforms
- Both issuing CoO's and consuming at destination
- Currently releasing integration with Egypt NAFESA platform
- Working with GUUD & ClickCargo in Asia

# Questions?



Dries Bertrand is a partner in Deloitte Belgium's Global Trade Advisory practice, based in Brussels. He has close to 20 years of experience in the area of global trade and worked for various international companies providing global trade strategy, import/export compliance and global trade automation advice.

Dries is a subject matter specialist when it comes to optimizing supply chain processes from a global trade perspective, as well as transforming, automating and operating customs and excise processes via so-called global trade management solutions (such as SAP Global Trade Services, SAP ERP/SAP Industry solution and other GTM solutions), combined with emerging technologies (artificial intelligence, robotics, analytics and blockchain).



Frederik Van Outryve is Chief Commercial Officer at T-Mining, a Belgian maritime technology startup. T-Mining uses blockchain technology to secure and streamline the container release process for different Ocean Carriers in European ports. Before joining T-Mining, Frederik worked in the IT-industry for 15 years, mainly helping governments digitizing their processes. In the past 2 years Frederik was the acting Project Manager for a worldwide pilot - with the support of Deloitte - testing the transfer of a digital, authentic Certificate of Origin between different destinations.