Implementation guideline e-CERTIFICATES

Frans van Diepen

UN/CEFACT domain coordinator

STDF SPS Electronic Certification Advisory Committee

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UNCEFACT Implementation guideline project

- under development

- SPS e-CERT
  - Plant and plant product
  - animal and animal products
- e-Quality
- eCITES

UNECE

UN / CEFACT

One guideline for implementation of e-Certificates

- communication between partners: B2B, B2G and G2G

- several business processes

- different architecture

- no common e-Signature strucures

- Based on UN/CEFACT CCL:
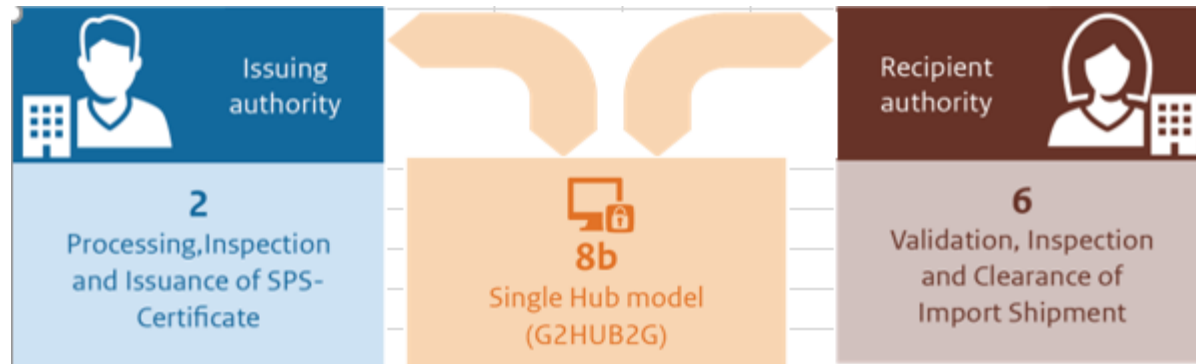 naming and definition of information entities

architecture

	Hub	Point2Point	
		Push	Pull
SPS plant	+	+	+
SPS animal	-	+	+
e-Quality	-	+	+
eCITES	-	+	+

SPS e-CERT Process
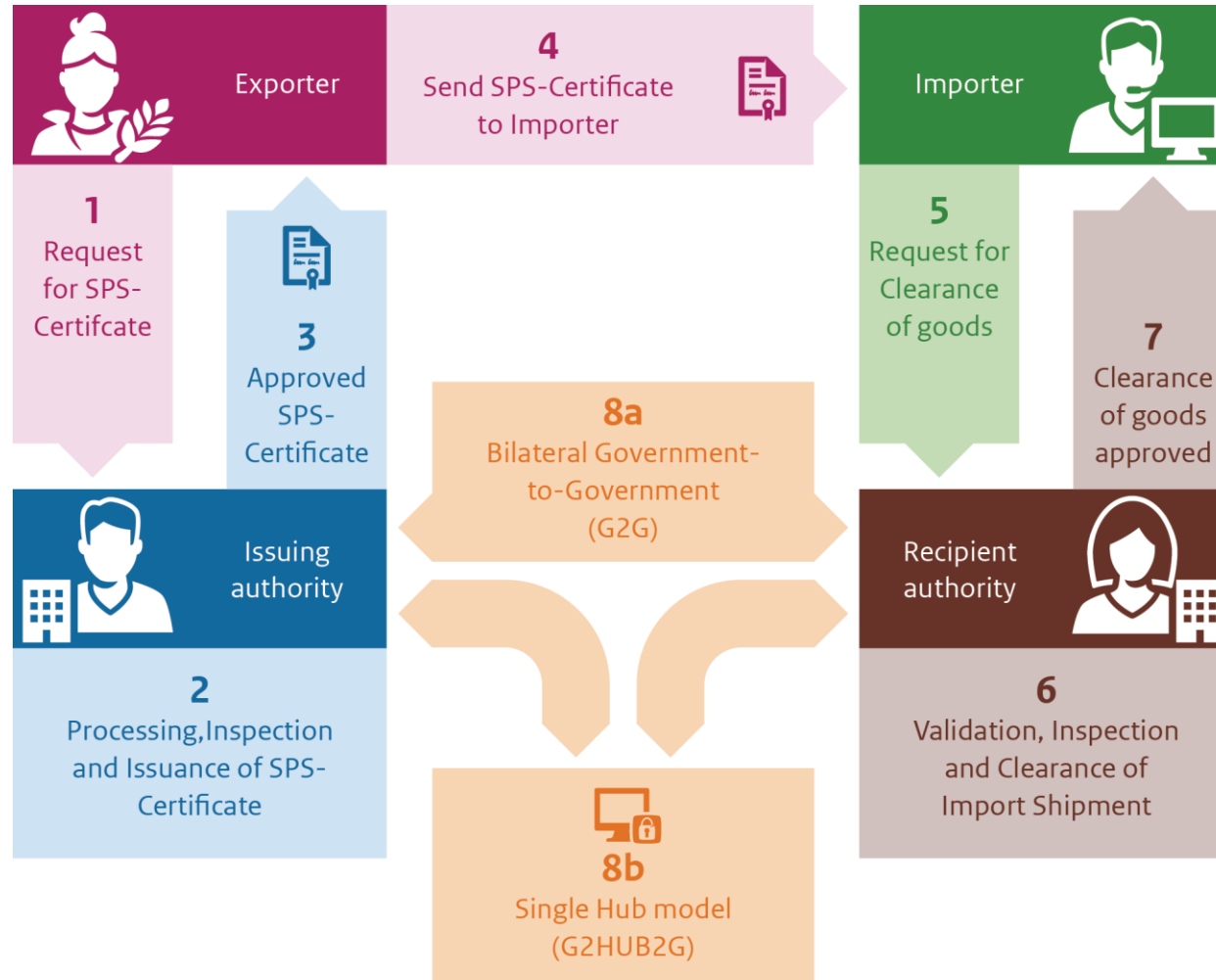
SPS e-CERT Hub and P2P (G2G exchange)

eCITES webservice calls and WSDL
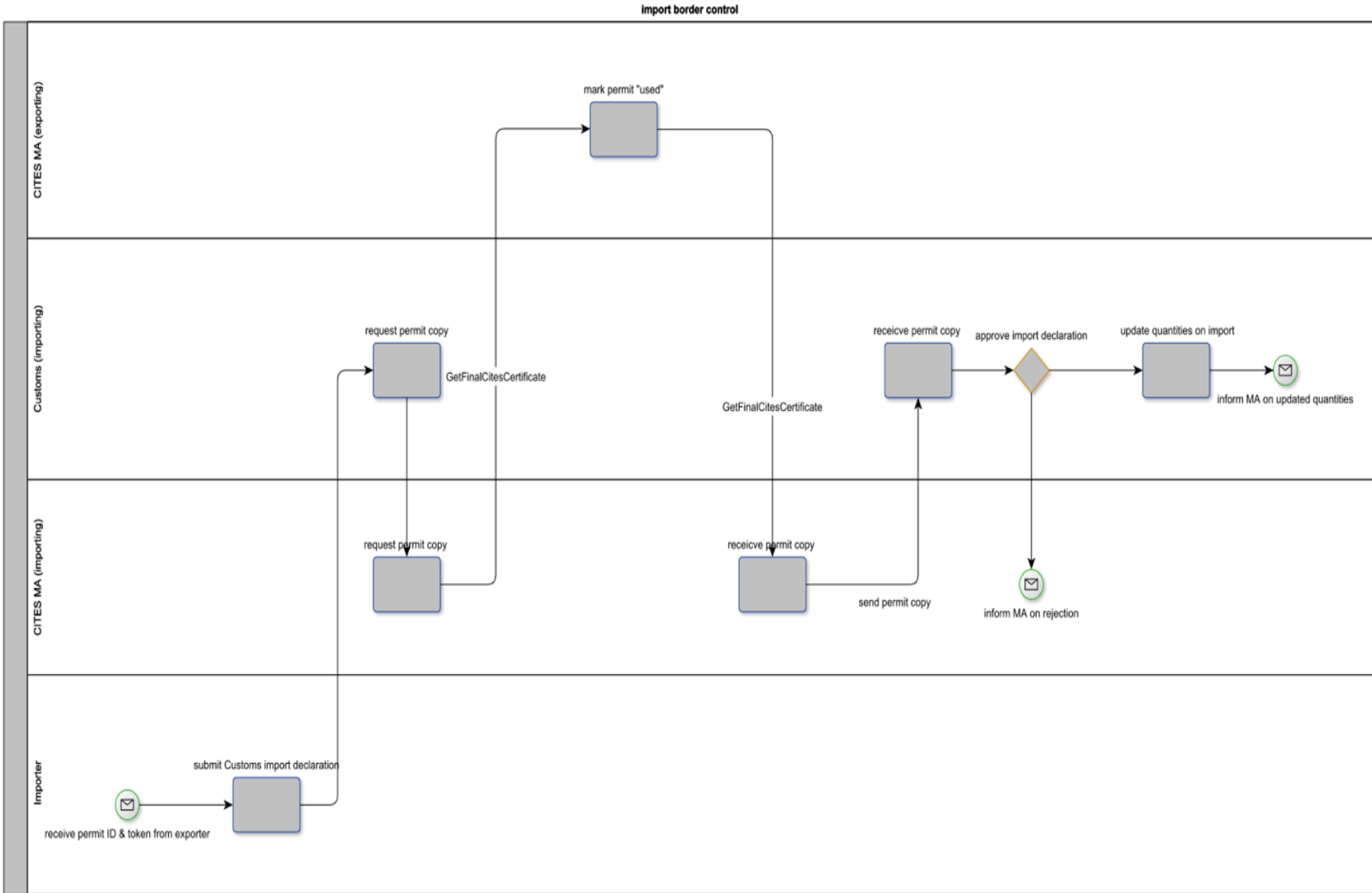
Message collaboration, Choreography defined in the WSDL

Service architecture

- Service – Client approach

- WSDL
- *API design*
- *P2P,   Hub,   Central Hub , Multi-Hubs*

- *e Signature*
  (in the certificate, in the envelope , at message level)

Project status

- final version ready for review December 2020

- focus on SPS e-CERT (plant and animal)
Central Hub and P2P implementation

- eCITES Guide drafted completed by UNECE&CITES; currently under review by Parties

- UNECE&ESCAP Task Force on eCITES exchange pilots

- no attention on eSignature issues.