



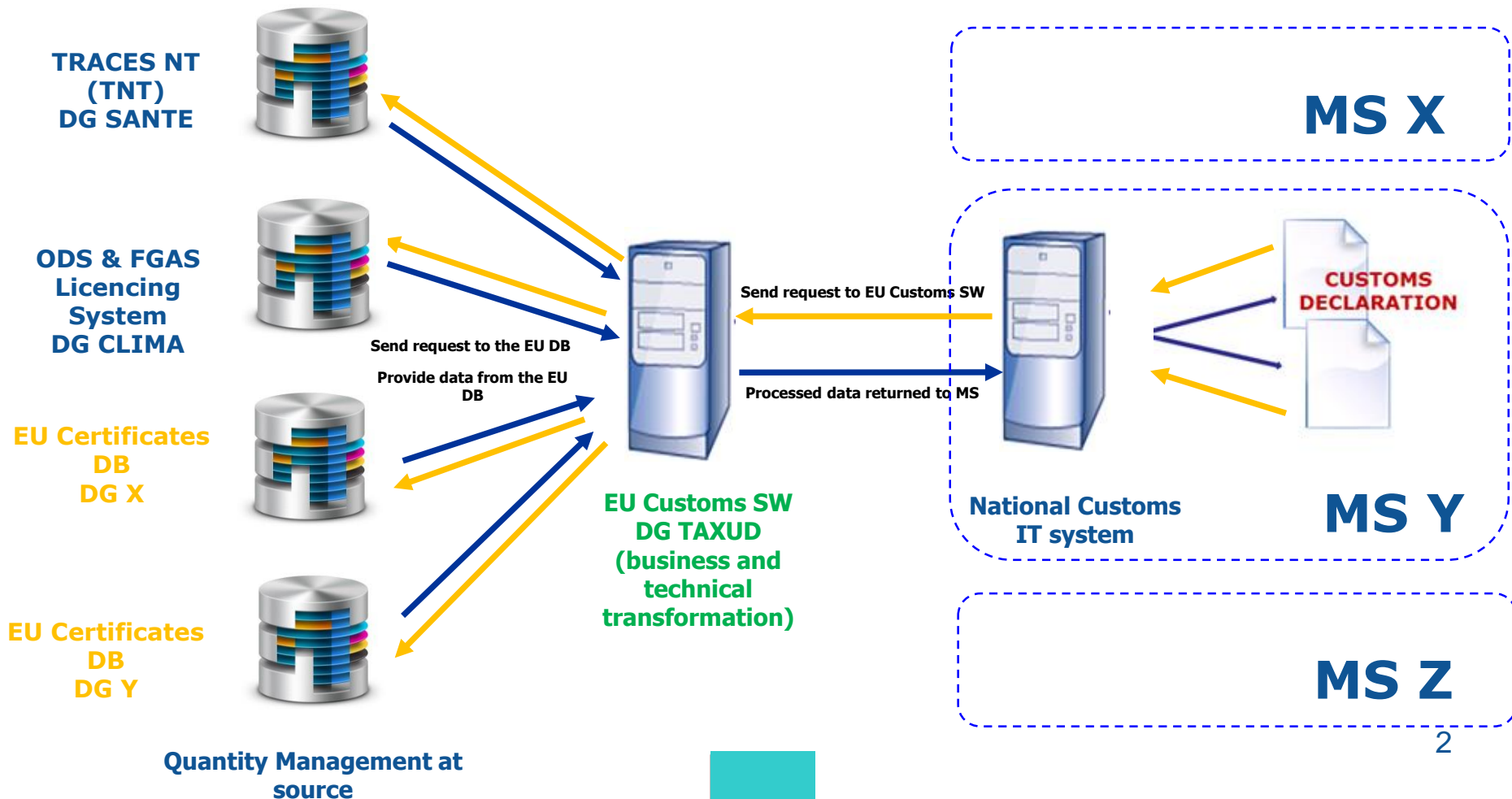
November 2018

EU SINGLE WINDOW CERTEX

Certificates Integration

European Commission DG TAXUD

EU SW-CERTEX Functioning



Certificates On-board

Type	Description	Competency	Operational system	Schema complexity	Annual volume
CVEDA	Common Veterinary Entry Document for live animals	DG SANTE	TRACES (TNT)	5	57.000
CVEDP	CVEDP Common Veterinary Entry Document for products of animal origin	DG SANTE	TRACES (TNT)	4	468.000
CED	Common Entry Document (CED) for products of non-animal origin	DG SANTE	TRACES (TNT)	4	200.000
FLEGT	Forest Law Enforcement, Governance and Trade	DG ENV	TRACES (TNT)	3	50.000
COI	Certificate of Organic Inspection	DG AGRI	TRACES (TNT)	3	60.000
CHED-PP	Common Health Entry Document for Plant Protection	DG SANTE	TRACES (TNT)	5	50.000
ODS	Ozone-Depleting Substances Licence	DG CLIMA	ODS2	4	3.000
FGAS	Fluorinated Greenhouse Gases Authorisation/Quota	DG CLIMA	ODS2	3	3.000

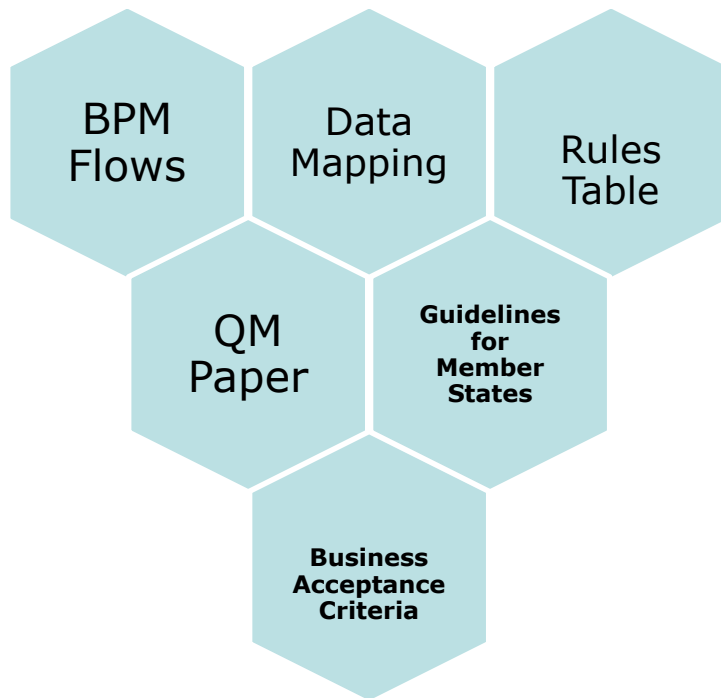
Scope of Functionalities

- *Check document existence and content.*
- *Retrieval of certificate PDF.*
- *Management of certificate quantities write-off.*

Key Figures for Potential Candidates

- *Volume*
 - ✓ issued per year;
 - ✓ transaction checks by customs;
- *Digitalisation maturity*
 - ✓ usage of the electronic document;
 - ✓ conformance to international standards;
 - ✓ existence of a database;
 - ✓ application technology

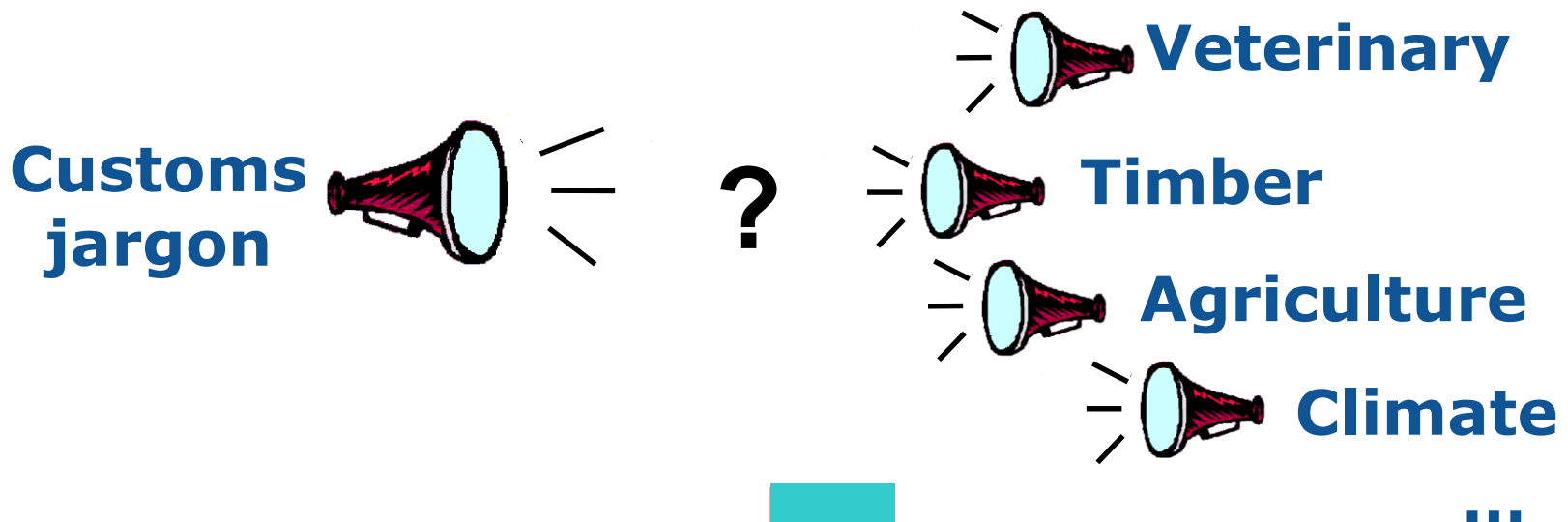
Collaboration Setup and Business Deliverables



- *Intensive collaboration between business experts from both integration ends .*
- *Recurring involvement of IT experts during functional specification phase.*

Harmonisation of Data across Authorities during the Integration

- *Data definitions and terminology inconsistencies*
- *Granularity and format differences*
- *Usage of globally defined data standards*



Data Mapping Exercise

Finding the match between elements from the certificate and fields of the customs declaration data (EU Customs Data Model).

CVEDP		FLEGT		COI		EUCDM		
Box	DG/DE Name	Box	DG/DE Name	Box	DG/DE Name	Id	DG/DE Name	Format
NA	Local Reference Number			NA	National Reference Identifier	2/3	Documents produced, certificates and authorisations, additional references	
							*Document type (Union codes)	a1+ an3
							*Document identifier	an..35
5	Importer *Name *Type *Address **Street **City ***Postal Code ***Name **Country ISO Code			11	Importer *Operator *Type *Address *Country ISO Code *Country Name	3/15	Importer	
							*Name	an..70
							*Street and number	an..70
							*Country	a2
							*Postcode	an..9

International Data Standards

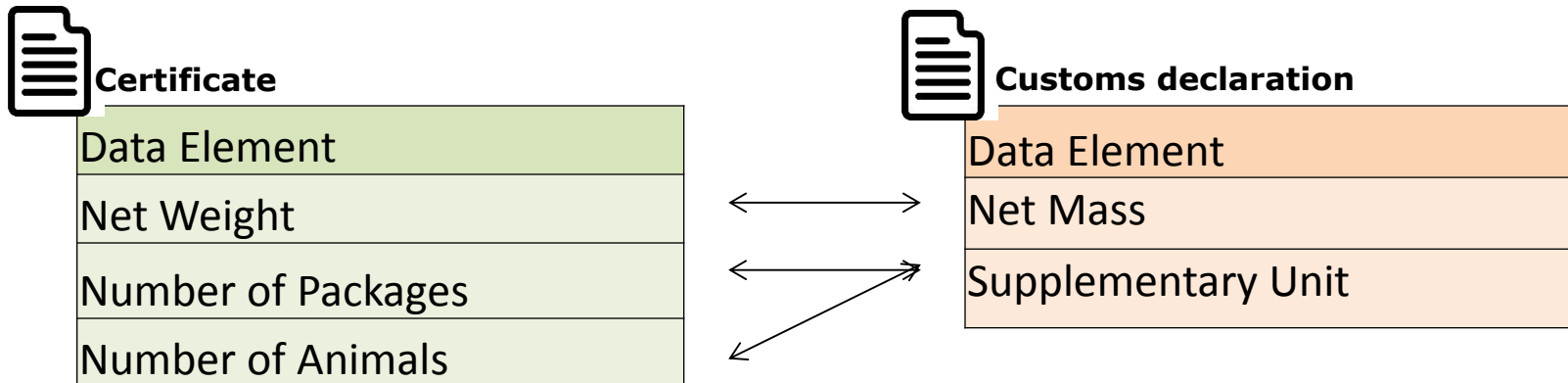
- *Data Model: semantic structures for the creation of message profiles without having to consider the syntax.*
- **WCO DM:** covers the procedural and legal needs of **cross-border regulatory agencies**.
- **UN/CEFACT DM:** facilitating **cross-border trade**.
- *EU Customs Data Model is derived from and fully compliant with the WCO DM.*

Certificate Compliance with WCO DM or UN/CEFACT DM

- *WCO DM compliance: direct match to EU Customs data, no need for data transformation.*
- *UN/CEFACT DM compliance: EU SW-CERTEX already has some experience with certificates that conform to the UN/CEFACT, reduced mapping efforts, reduced transformation costs.*
- *No standard: high efforts and costly integration.*

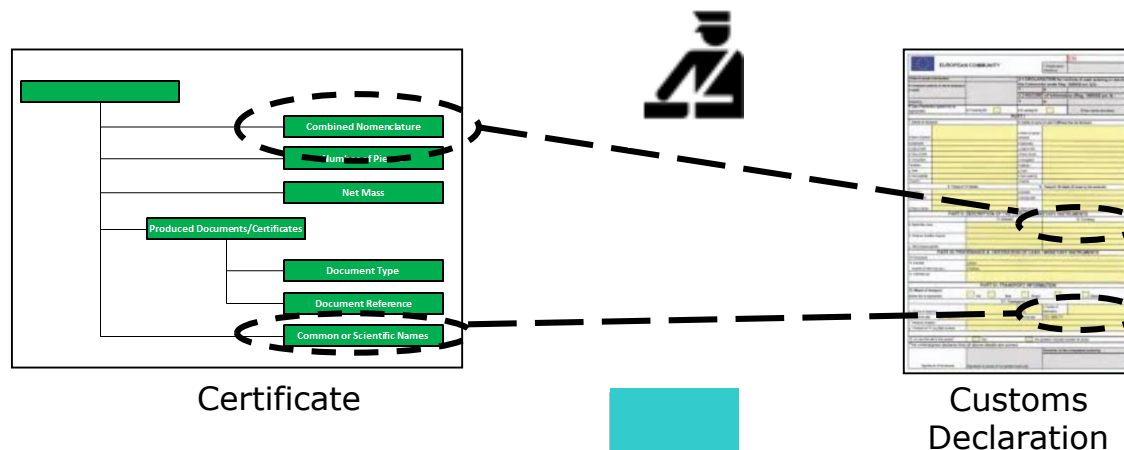
Data Transformation based on the Data Mapping Results

- **Technical** Transformation: *modification of data formats.*
- **Business** Transformation: *"translation" of the competent authority language into customs terminology.*



Recommendations for Cross-check

- *Scope of minimum cross-checks identified and data prepared for automatic validation*
- *Correct interpretation and consistent controls among MS.*



Change Management

- ***Change Requests at the Change Advisory Board***
- *Raised by users (NCAs), DG TAXUD or Partner DG*
- *Implementation in groupings and release through review cycle*
- *Result: update/fix or new release of the EU SW-CERTEX application components*

Partner DG Milestones

- *Globally recognised data standard usage*
- *Customs compliant terminology usage*
- *Common template for certificate that are stored in one and the same database*
- *Stability of the XSD and intensity of the change management*

Thank you for your attention

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Processes & Data, Customer Relationship and Planning

