



AirCargoBelgium



www.aircargobelgium.be

Wie zijn wij?



Airlines
GSA
Handlers
Forwarders
Truckers
Others



AirCargoBelgium

Neutral Partner



Federale
Overheidsdienst
FINANCIEN



Federal Agency
for the Safety
of the Food Chain

FANC 

federaal agentschap voor nucleaire controle



Steering Groups

Clusters



Digitisation



Operational Excellence



Customs



Pharma



Fresh



E-commerce



Innovation & Sustainability



HR & Training

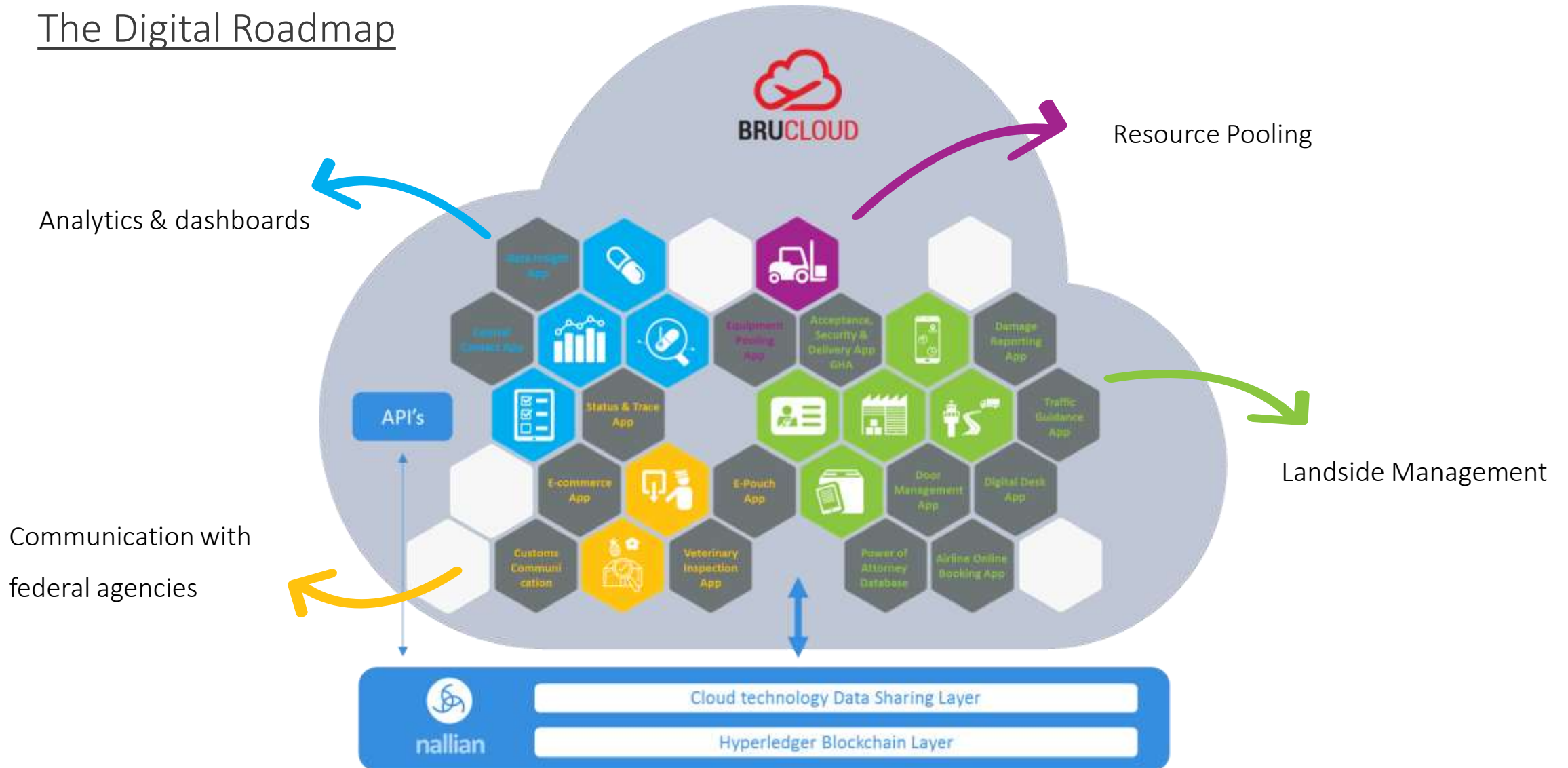


AVI

BRUcloud Beehive



The Digital Roadmap



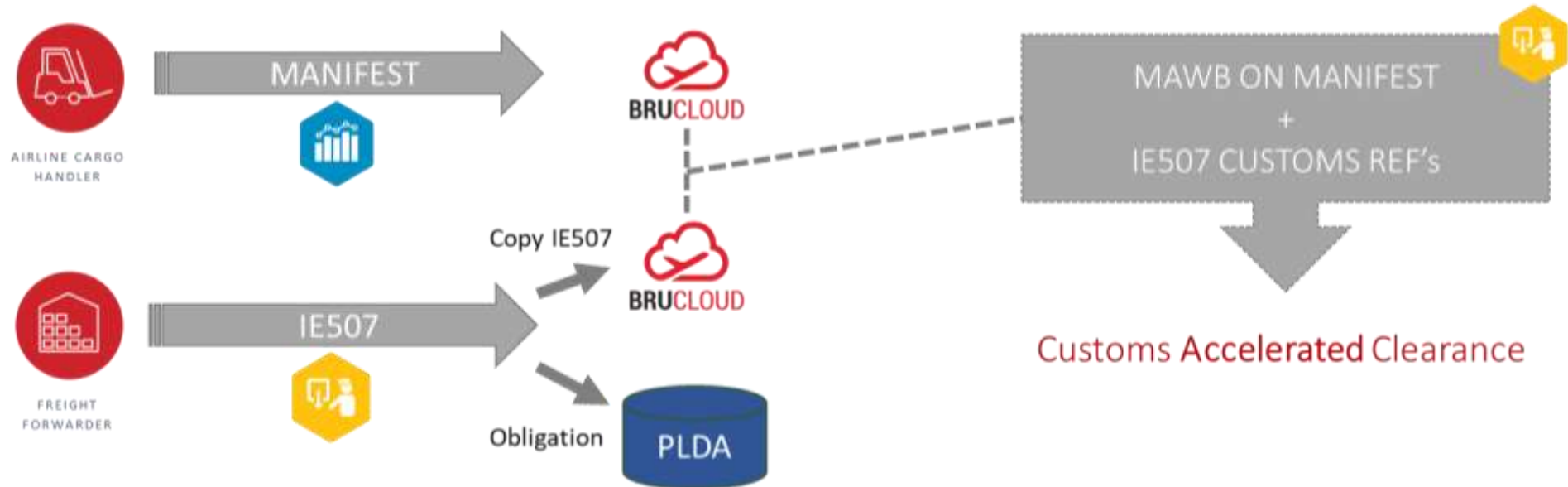


Projecten



CUSTOMS EXPORT APP

What?

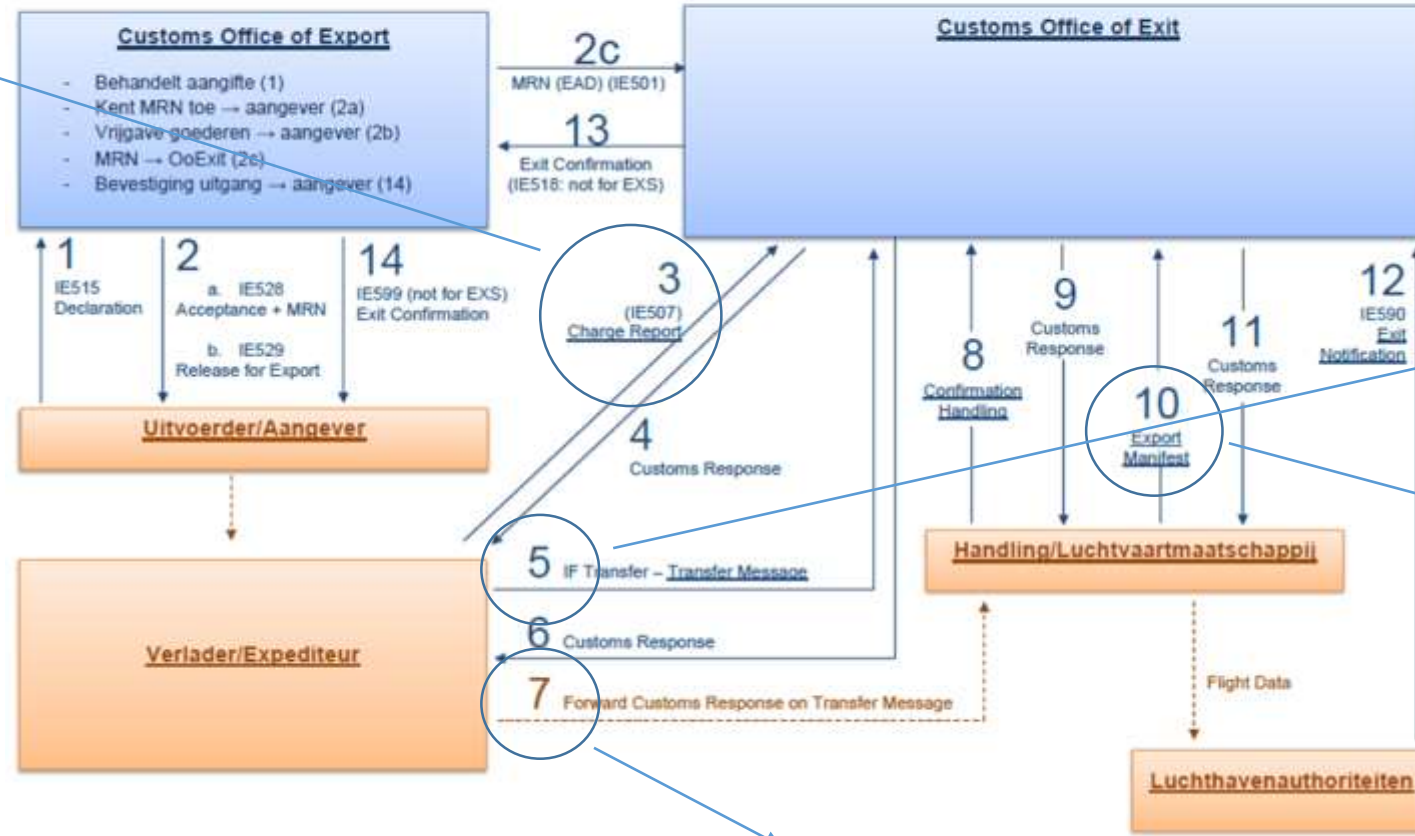


ECS/2 -> 1 juli 2021



Aankomst melding

ECS – Flow of “Movement Reference Number” (MRN) – Air Freight



Transfer bericht

Export manifest

Forward Customs respons on Transfer Message



Thank you!



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Public Service
FINANCE

ICS2 BE

State of play Release 1
Transition to Release 2

Yves Arys
Customs & Excise Administration
Information management department

WWW.FIN.BELGIUM.BE

CUSTOMS AND EXCISES • FEDERAL PUBLIC SERVICE FINANCE

28/05/2021

.be



IMPORTANT DATES IN A NUTSHELL





ICS2 RELEASE 1: SCOPE

- ENS filing, amendment and invalidation – Air mode of transport (STI & CR)
 - Express operators (pre-load 7+1 only)
 - Postal operators (pre-load 7+1 and pre-arrival full data set)
- Pre-load aviation security risk analysis (NES)
 - e-Risk analysis (RMS) and e-Screening (IMS)
 - Air cargo security referrals (RMS)
 - Do Not Load (RMS)
- Pre-arrival full risk analysis – postal only (NES)
 - e-Risk analysis (RMS) and e-Screening (IMS)
 - Control recommendation (RMS) and control result (MS of Control)
 - Presentation notification (MS of Presentation/Control)



ICS2 RELEASE 1: STATE OF PLAY

- Production date : 15/03/2021
- Current production status
 - 18 out of 30 customs authorities
 - 26 national postal operators (but no PN yet in most of the Member States)
 - 2 out of 3 express operators (but ENS coverage to be upscaled)
- Some figures for BE operations (until 28/5/2021)
 - 224.000 ENS filings
 - 432.000 house consignments covered
 - 7th Member State in terms of volume
 - 2,5% of total EU volume



ICS2: TRANSITION TO RELEASE 2

- Release 2 scope
 - Release 1 scope
 - + air express pre-arrival full & presentation/entry controls
 - + air cargo pre-load 7+1 & pre-arrival full & presentation/entry controls
 - + carrier ENS filing & notification of arrival & control at first entry
 - + air cargo / postal multiple filing
- Release 2 vs Release 1
 - A lot more parties involved
 - Much higher ICS2 volumes
 - Phase-out ICS P1 air cargo / express
 - Phased go-live (planned deployment windows)
 - Link with PN-TS

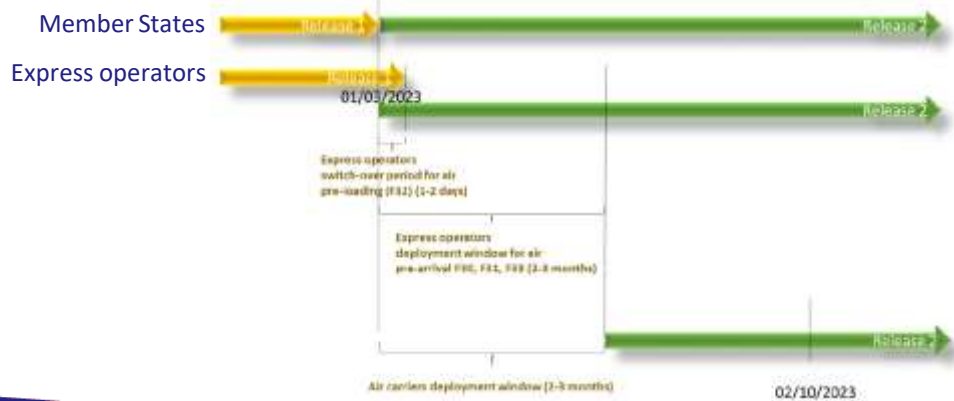


ICS2: TRANSITION TO RELEASE 2

Postal



Express



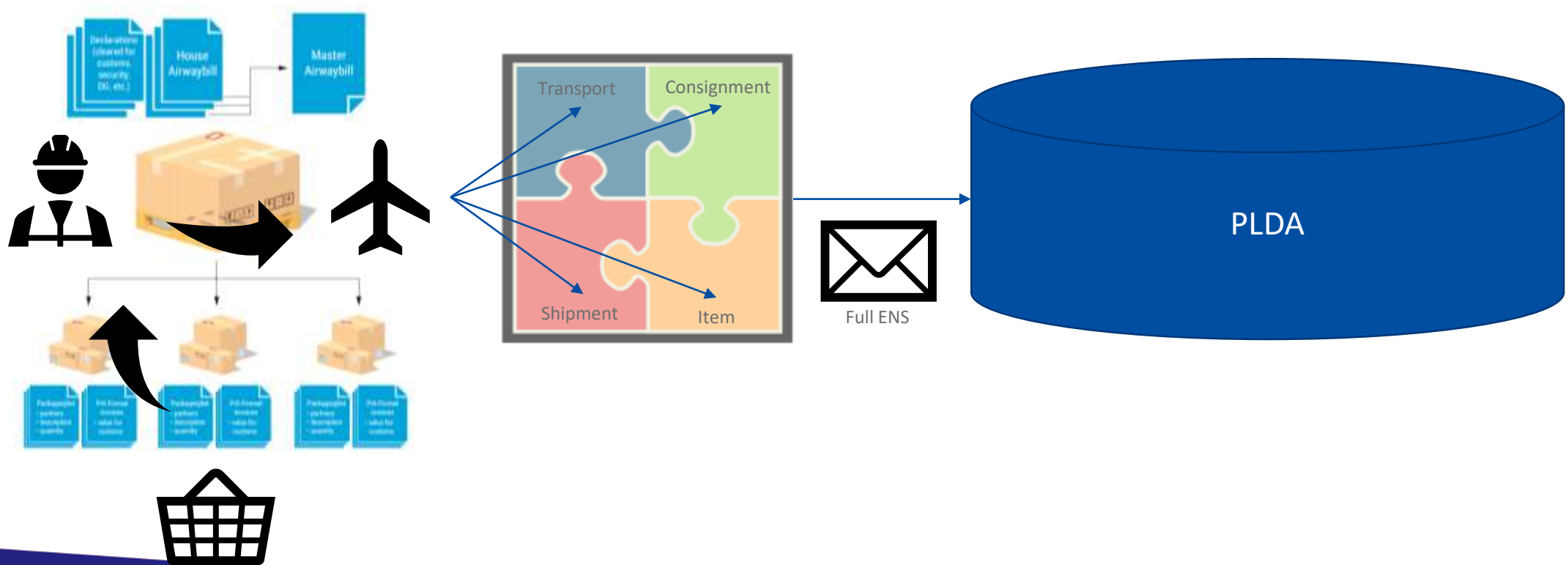
Cargo





ICS P1: SINGLE FILING

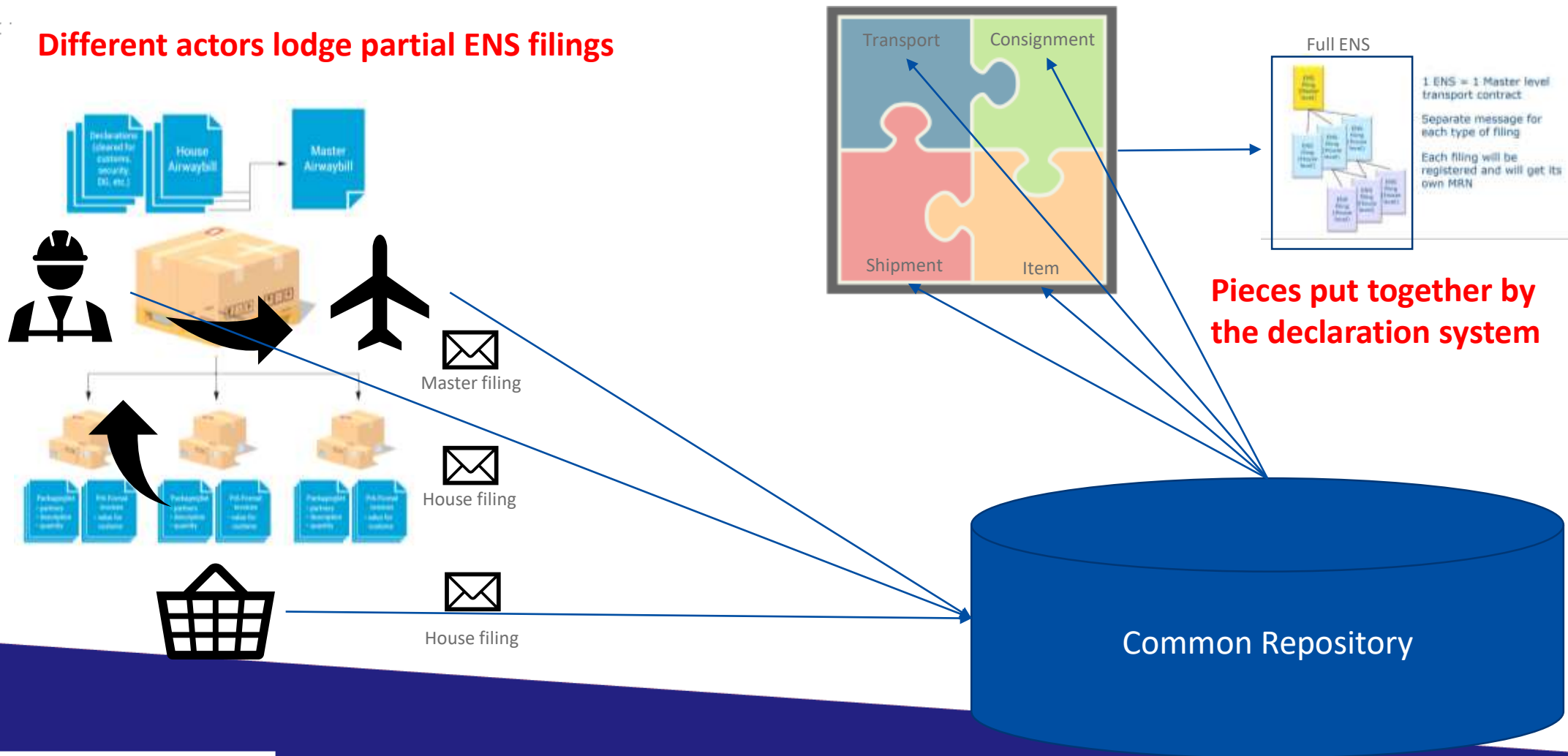
Carrier needs to put all the pieces together before being able to lodge a complete ENS





ICS2: MULTIPLE FILING

Different actors lodge partial ENS filings





ICS2: TRANSITION TO RELEASE 2

- Involved parties: all supply chain actors in air mode of transport that are legally authorised to lodge ENS
 - In principle: carrier, but other supply chain actors can replace the carrier:
 - Importer
 - Consignee
 - Person representing the carrier
 - Person presenting the goods
 - If not all data was made available: multiple filing
 - Issuers of additional transport contracts, e.g. :
 - Freight forwarders
 - Consolidators
 - If no ENS available upon presentation:
 - Person presenting the goods obliged to lodge ENS
 - Customs authorities may allow to lodge customs declaration or TSD instead
 - No ENS needed in case of Union goods or ENS waiver

UCC art.
127/6

UCC art.
127/4

UCC art.
139/5

UCC DA
art. 133



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PRESENTATION NOTIFICATION TEMPORARY STORAGE DECLARATION

PRESENTATION FORUM OPERATION

Joelle Lauwers
Yves Arys
Customs & Excise

28/05/2021

WWW.FIN.BELGIUM.BE

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AGENDA

1. Introduction
2. PN-TS system scope
3. Collaborative approach within ETCIT II
4. TS scenario's overview
5. Pre-lodged message flow
6. Combined message flow
7. Amendment message flow
8. Invalidation message flow
9. Screens



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1. INTRODUCTION



2. PN-TS SYSTEM SCOPE (1)

- Presentation Notification
 - *Art. 139 UCC : « Goods brought into the customs territory of the Union shall be presented to customs immediately upon their arrival at the designated customs office or any other place designated or approved by the customs authorities... »*
- Temporary Storage Declaration
 - *Art. 145 UCC : « Non-Union goods presented to customs shall be covered by a temporary storage declaration containing all the particulars necessary for the application of the provisions governing temporary storage. »*
- End of temporary Storage
 - *Art. 149 UCC : « Non-Union goods in temporary storage shall be placed under a customs procedure or re-exported within 90 days. »*



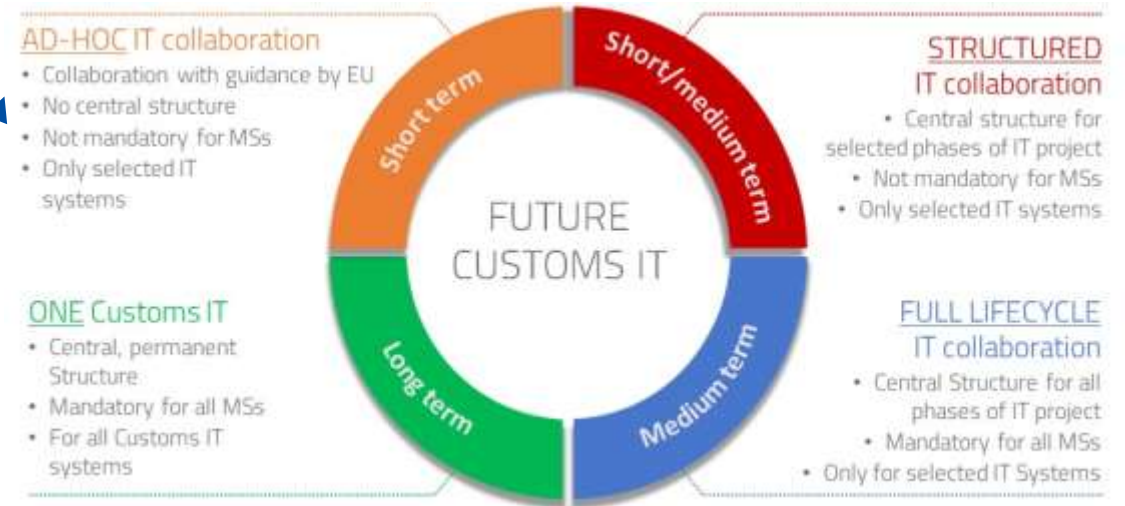
2. PN-TS SYSTEM SCOPE (2)

- In scope:
 - Presentation upon entry: submission and revocation of PN (G3)
 - Placement under TS: submission, amendment and invalidation of TSD (G4)
 - End of temporary storage: TS timer monitoring, write-off and notification to EO
 - Goods accounting: transfers between TSF and temporary storage reporting (= facilitation)
- Not in scope:
 - Notification of arrival of the means of transport (G2) → ICS2
 - Presentation for pre-lodged customs declarations → export (C2), transit (D4), import (I2)
 - Presentation of Union goods (PoUS)



3. COLLABORATIVE APPROACH WITHIN ETCIT II (1)

- ETCIT = Expert Team on new approaches to develop and operate Customs IT systems
- 2017-2018: ANPNTS phase 1
 - BPMN Level 3 review
 - BPMN Level 4 design
 - conceptual data model
- 2018-2019: ETCIT I
 - Brainstorming on collaboration
 - Identification of pilot projects
- 2019-today: ETCIT II
 - ANPNTS phase 2 = Pilot project to test « Ad-hoc short term scenario »
 - Analysis, architecture and implementation of PN-TS (+GA)

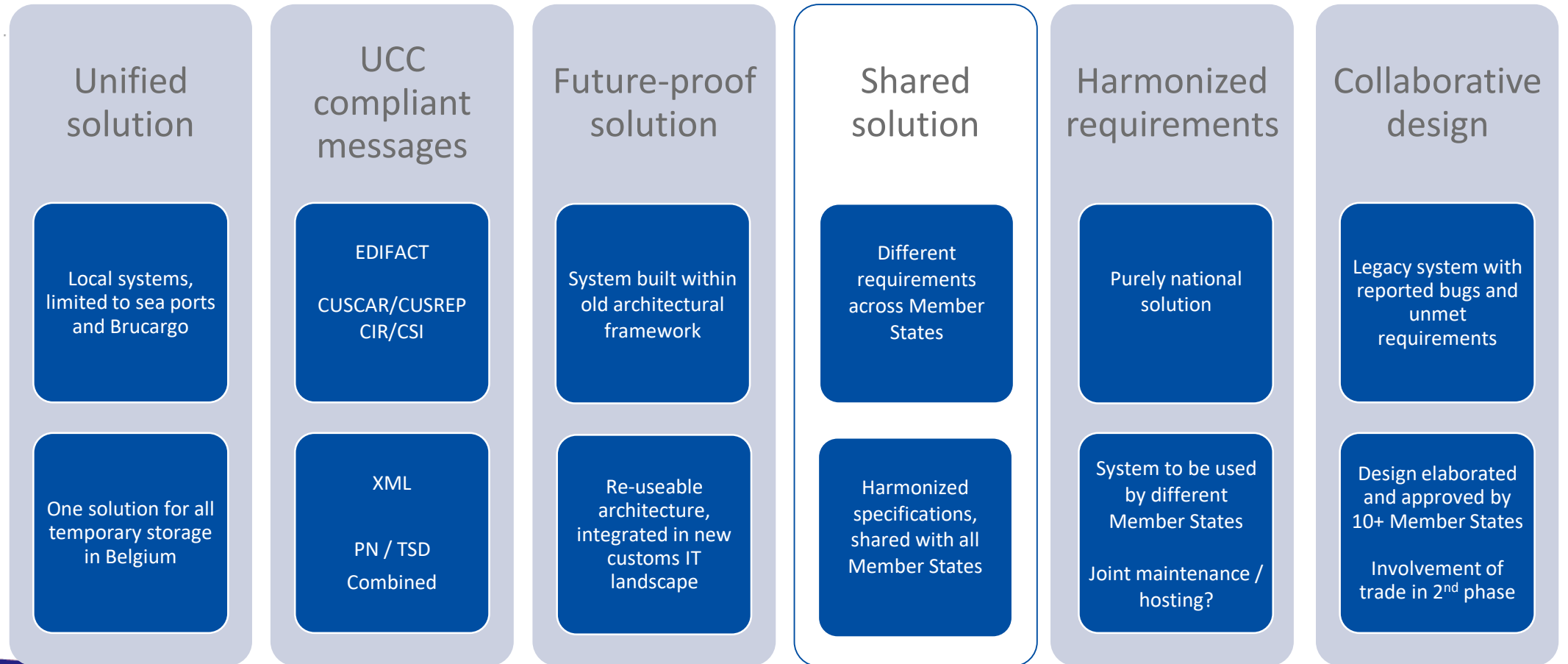




3. COLLABORATIVE APPROACH WITHIN ETCIT II (2)

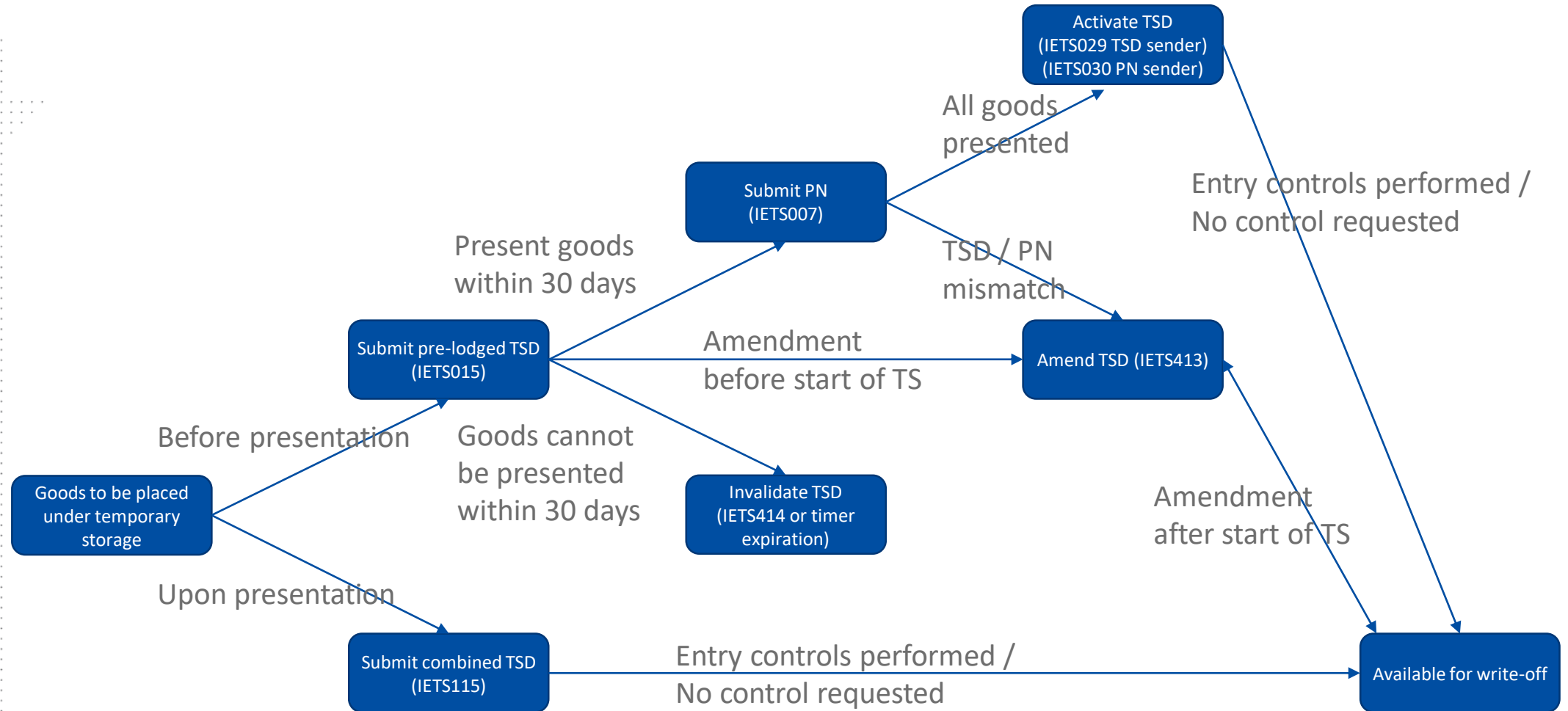
AS IS

TO BE





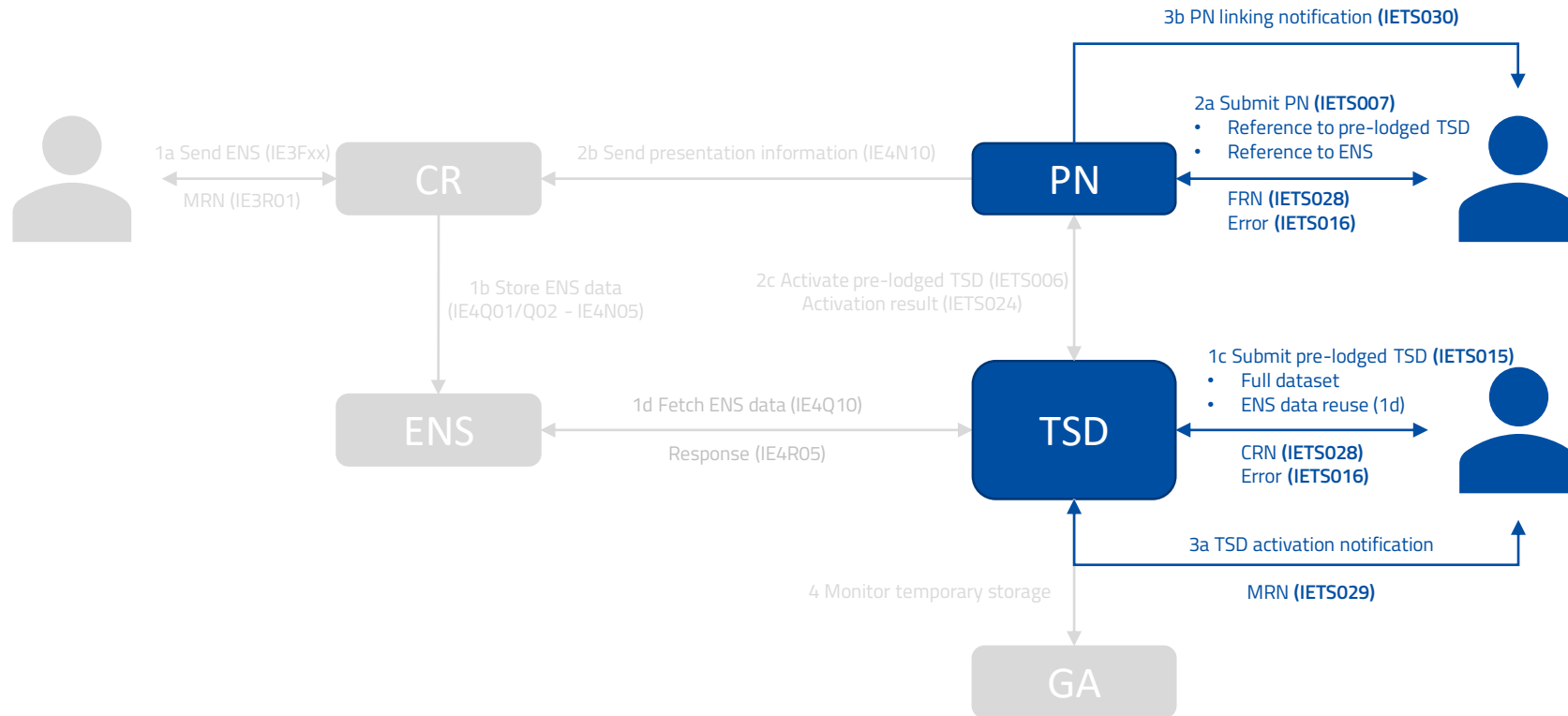
4. TS SCENARIO'S OVERVIEW





5. PRE-LODGED MESSAGE FLOW

MIG v0.1.0

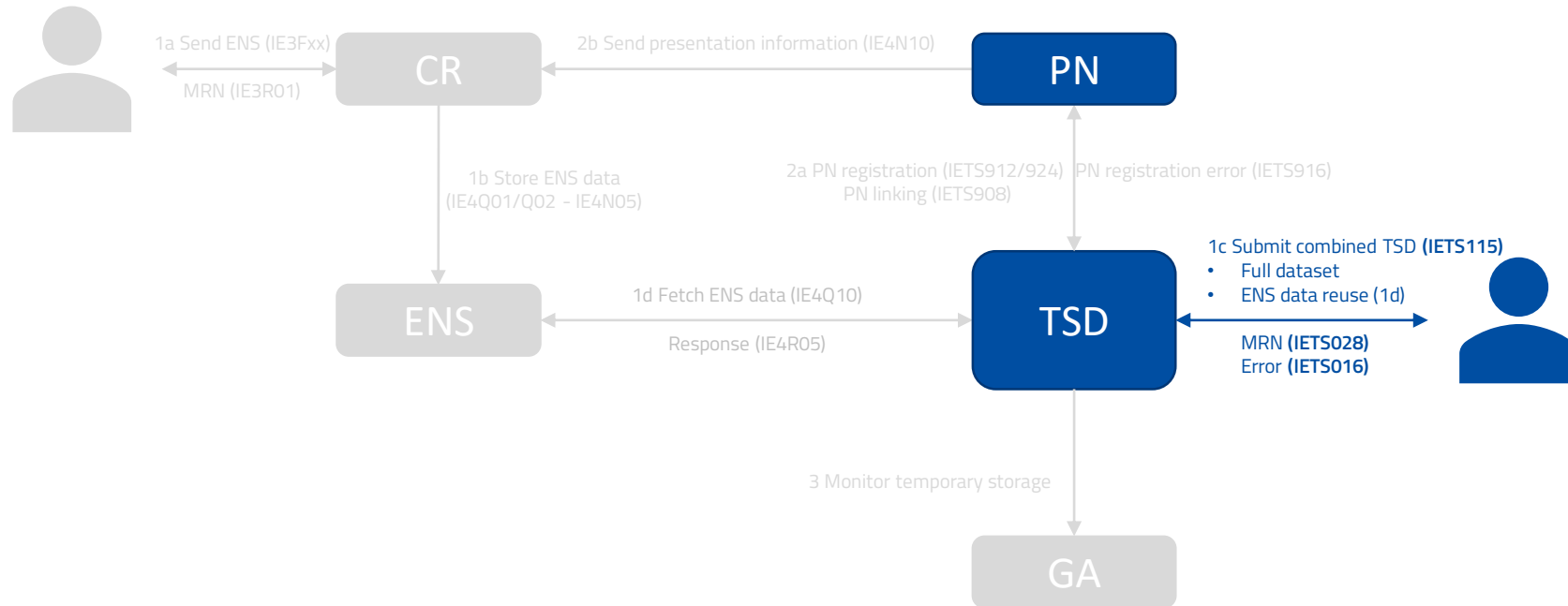


PN = Presentation notification component
 TSD = Temporary storage declaration component
 GA = Goods accounting component
 ENS = Entry summary declaration data source
 CR = ENS Common Repository



6. COMBINED MESSAGE FLOW

MIG v0.1.0

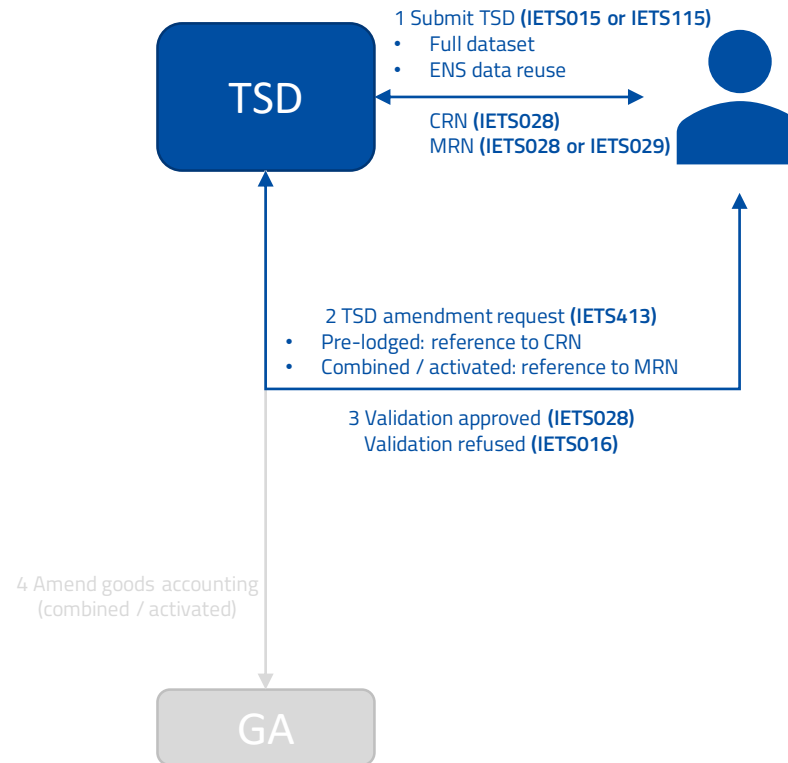


PN = Presentation notification component
 TSD = Temporary storage declaration component
 GA = Goods accounting component
 ENS = Entry summary declaration data source
 CR = ENS Common Repository



MIG v0.1.0

7. AMENDMENT MESSAGE FLOW

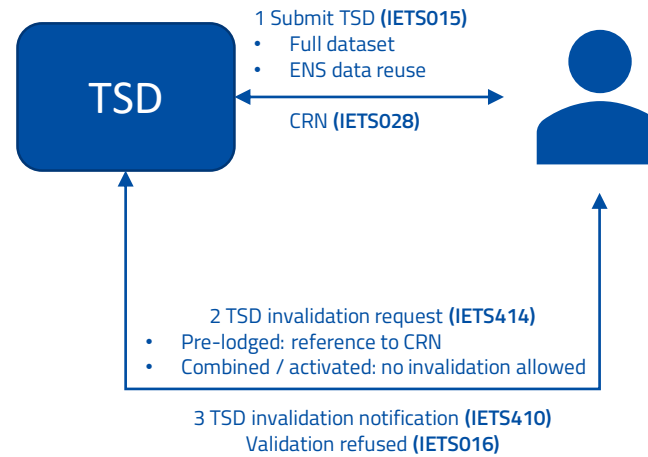


PN = Presentation notification component
TSD = Temporary storage declaration component
GA = Goods accounting component
ENS = Entry summary declaration data source
CR = ENS Common Repository



MIG v0.1.0

8. INVALIDATION MESSAGE FLOW



PN = Presentation notification component
TSD = Temporary storage declaration component
GA = Goods accounting component
ENS = Entry summary declaration data source
CR = ENS Common Repository



9. SCREENS



WIZARD SCREEN

Service Public
Fédéral
FINANCES

TEMPORARY STORAGE DECLARATION [Mon compte](#)

ACCUEIL **NEW DECLARATION** RECHERCHE AVANCÉE

Home New declaration

Get started...

Before completing the form, please indicate the nature of the Temporary Storage Declaration.

This way we can let you know which information is required and support you during the submission process.

Type of temporary storage declaration*

- Pre-logged (before presentation of goods)
- Combined lot presentation of goods

Re-use consignment details from EMS*

- No
- Yes

Type of consignment(s)*

- Master consignment
- House consignment(s)
- Both

Consignment items will be added to*

- Master consignment
- House consignment(s)
- Both

START DECLARATION



DECLARATION INFORMATION : GENERAL INFORMATION

Service Public
Finances
Finances et Contributions

TEMPORARY STORAGE DECLARATION [Non complet](#)

ACCUEIL **NEW DECLARATION** RECHERCHE AVANCÉE [Info](#) [Lang](#) Recherche SIRE

Home / New declaration

- 1 Declaration information
 - General information
 - Parties
 - Master consignment
 - House consignment 1
 - HOUSE CONSIGNMENT**

Step 1: General information

Declaration information

Declaration number ⓘ
*Maximum 22 characters

Addressed customs office ⓘ

Addressing customs office

Entry information ⓘ

Arrival transport means identification type ⓘ

Arrival transport means identification ⓘ
*Maximum 35 characters

Place of unloading
UNLOCODE of maximum 17 characters is required in case location of goods is unknown

Location of goods ⓘ

Only required if place of unloading is unknown

Location type ⓘ

Qualifier

Additional identification

UNLOCODE

Warehouse type ⓘ

Warehouse identifier ⓘ
Warehouse identification is required when the type of location is an authorized place



DECLARATION INFORMATION : PARTIES

Service Public
Federal
FINANCES

TEMPORARY STORAGE DECLARATION [Mon compte](#)

ACCUEIL NEW DECLARATION RECHERCHE AVANCEE

Home New Declaration

1 Declaration information

- General information
- Parties**
- Master consignment
- House consignment 1
- HOUSE CONSIGNMENT

Step 1: Parties
Select the actors that are involved and enter the information

Declarant

EORI* Name*

*Maximum 17 characters *Mandatory

Communication Type* Identifier*

*Mandatory *Mandatory

Communication Type* Identifier* [+](#)

Representative
Only required if representative is different than declarant

Status*

EORI* Name*

*Maximum 17 characters *Mandatory

Communication Type* Identifier*

*Mandatory *Mandatory

CANCEL SAVE BACK NEXT



MASTER CONSIGNMENT : GENERAL INFORMATION

The screenshot displays the 'TEMPORARY STORAGE DECLARATION' web application. The top navigation bar includes 'ACCUEIL', 'NEW DECLARATION', and 'RECHERCHE AVANCÉE'. The main content area is titled 'Step 2: General information' and contains the following fields and options:

- Transport document:** A dropdown menu for 'Type*' and a text input for 'Reference number*' (Maximum 70 characters).
- Weight:** A text input for 'Total gross mass*' (Value greater than 0).
- Previous Document:** A checked checkbox, a dropdown menu for 'Type*', and a text input for 'Reference number*' (Maximum 70 characters).
- Goods item identifier (optional):** A text input field.
- Reference number UCR:** An unchecked checkbox.
- Transport equipment:** An unchecked checkbox.
- Receptacles:** An unchecked checkbox.
- Supporting documents:** An unchecked checkbox.
- Additional information(s):** An unchecked checkbox.
- Additional supply chain actor:** An unchecked checkbox.

At the bottom right of the form, there are buttons for 'CANCEL', 'SAVE', 'BACK', and 'NEXT'.



MASTER CONSIGNMENT : PARTIES

• Parties
• HM
1 House consignment T
+ HOUSE CONSIGNMENT

Type of person*

Identification number* Maximum: 17 characters Name*

Communication Type* Identifier* +

Address type*
Street and number* Street*

+ Additional street (if optional)
Number* Country* City* Postcode

Sub-division
Province, region...

Consignee ⓘ

Type of person*

Identification number* Maximum: 17 characters Name*

Communication Type* Identifier* +

Address type*
Street and number* Street*

+ Additional street (if optional)
Number* Country* City* Postcode

Sub-division
Province, region...

Notify party ⓘ



MASTER CONSIGNMENT ITEM 1/2

consignment-item-info.label.pageTitleForMaster 1 ITEM 1

Select the sections that are applicable and enter the required information.

Commodity ⓘ

Description of goods* 30/512

CUS Code ▾

Commodity Code ⓘ

Harmonized system sub heading code* *First 6 characters Combined nomenclatur... Last 2 characters **SEARCH**

Packaging ⓘ +

PACKAGING 1 ↕

Type ▾ Number Maximum 8 digits, value greater than 0

Shipping Marks 13/1512



MASTER CONSIGNMENT ITEM 2/2

Weight ⓘ

Gross Mass*
Value greater than 0

Previous Document ⓘ

Type*
+ Goods item identifier (optional)

Reference number*
*Maximum 70 characters

Transport equipment ⓘ +

CONTAINER 1 ⌵

Identification number*
*Maximum 11 characters (e.g. CCC09999999)

Container packed status* ⌵

Number of seals
Value greater than 0

Seal identifier
Maximum 20 characters

Supporting document(s) ⓘ

Additional information(s) ⓘ

Additional Reference(s) ⓘ

Additional supply chain actor ⓘ

CANCEL SAVE BACK NEXT



HOUSE CONSIGNMENT : GENERAL INFORMATION

Service Public
FEDERAL
FINANCES

TEMPORARY STORAGE DECLARATION

ACCUEIL NEW DECLARATION RECHERCHE AVANCEE

Step 3: General information

Select the sections that are applicable and enter the required information.

Transport document

Type* Reference number*
*Maximum 70 characters

Weight

Total gross mass*
*Value greater than 0

Previous Document

Type* Reference number*
*Maximum 70 characters

Goods item identifier (optional)

Reference number UCR

Transport equipment

Receipt(s)

Supporting document(s)

Additional information(s)

Additional supply chain actor

CANCEL SAVE BACK NEXT



HOUSE CONSIGNMENT : PARTIES

Step 2: Parties HOUSE CONSIGNMENT 1

Select the actors that are involved and enter their information.

Consignor ⓘ

Type of person*

Identification number* Name*
Maximum: 17 characters

Communication Type* Identifier* +

Address type*
Street and number* Street*

+ Additional street (no optional)

Number* Country* City* Postcode

Sub-division
Province, region, ...

Consignee ⓘ

Type of person*

Identification number* Name*
Maximum: 17 characters

Communication Type* Identifier* +

Address type*
Street and number* Street*

+ Additional street (no optional)

Number* Country* City* Postcode

Sub-division
Province, region, ...

Monthly only ⓘ

CANCEL SAVE BACK NEXT



HOUSE CONSIGNMENT : ITEM 1/2

consignment-item-info.label.pageTitleForMaster 1 ITEM 1

Select the sections that are applicable and enter the required information.

Commodity ⓘ

Description of goods* 20/5/12

CUS Code ▾

Commodity Code ⓘ

Harmonized system sub heading code* *First 6 characters Combined nomenclatur... Last 2 characters **SEARCH**

Packaging ⓘ +

PACKAGING 1 ▾

Type ▾ Number Maximum 8 digits, value greater than 0

Shipping Marks 13/5/12



HOUSE CONSIGNMENT : ITEM 2/2

Weight ⓘ

Gross Mass*

Value greater than 0

Previous Document ⓘ

Type*



Reference number*

+ Goods item identifier (optional)

*Maximum 70 characters

Transport equipment ⓘ

Supporting document(s) ⓘ

Additional information(s) ⓘ

Additional Reference(s) ⓘ

Additional supply chain actor ⓘ

CANCEL

SAVE

BACK

NEXT