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DIRECTORATE-GENERAL  
TAXATION AND CUSTOMS UNION  
Digital Delivery of Customs and Taxation Policies  
**Process and Data, Customer Relationship and Planning**

# **Quarterly Report of Monitoring the progress of UCC CCI system deployment**

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# 1 INTRODUCTION

## 1.1 BACKGROUND

The UCC is a critical element of COM's ongoing actions to modernise EU Customs and trade, establishing a simple and paperless environment. It provides a comprehensive framework for Customs rules and procedures in the EU customs territory, adapted to the evolving trade realities and modern communication tools. For this purpose, MSs and COM need to upgrade the existing electronic systems or introduce some new ones for the completion of all customs formalities. The UCC entered into force on 01 May 2016; however, the complexity of the EU customs digitalisation requires that some transitional arrangements enabling the parallel operation of the existing electronic and paper-based systems still apply.

To ensure the effective management and coordination of all activities and tasks related to the ongoing and future projects, the MASP-C, prepared and updated by COM in partnership with MS Customs Administrations and with collaborative input from representatives of EU trade associations, is utilised as an agile planning tool that allows COM to plan extensively up-front and keep project cycles manageable. The aforesaid tool helps to meet the key legal milestones defined in EU Customs legislation, mapping out a timeline of several technical milestones deriving from the legally mandated delivery schedules defined in the legislation. Together with the MASP-C, the UCC WP provides a high-level description of the UCC projects and related electronic systems, including their legal basis as established by the UCC provisions, key milestones for the completion of stable TSS, and anticipated start and end dates for systems' deployment. The MASP-C and UCC WP are used to track the projects' progress and promptly identify potential delays. Thus, they are subject to regular updates to align with the latest developments and MSs' progress. On this basis, a new revision of the MASP-C<sup>1</sup> and UCC WP<sup>2</sup> was introduced in 2023 to extend the timeframe of the development of several UCC systems that could not meet the initial deadlines and introduce new projects considering all the significant factors that negatively impacted the Customs Authorities' resources since the previous revision of 2019.

The **UCC Centralised Clearance for Import (CCI)** is one of the most significant UCC simplifications eagerly awaited by stakeholders as a major benefit. The project aims to allow EOs to place goods under a customs procedure using centralised clearance by lodging at the customs office in the MS of EO establishing a customs declaration for goods that are being physically presented to Customs at a customs office in another MS. The customs declaration processing the physical release of goods will be coordinated among the customs offices involved. CCI will make it possible for EOs to centralise their customs-related business.

The UCC implies the implementation of a new CCI IT system, which will allow MSs to exchange the required information for processing the customs declaration for import and the import formalities in an electronic way, as well as assuring that the EU businesses can use this simplification in a digital environment.

The scope and functionalities of the new CCI TES system were analysed and discussed by the PG 'Centralised Clearance Import Design' and presented in a Final Report published on 07 July 2017. It was agreed that the new CCI system would be implemented in two phases, starting with CCI P1 to be deployed gradually amongst MSs and, as a next step, updating the system to implement the functionalities under the scope of CCI P2.

Since then, all the required documentation and specifications for the CCI system have been discussed, prepared, and approved in close collaboration among DG TAXUD, EU MSs and the trade community,

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<sup>1</sup> [Multi-Annual Strategic Plan for electronic Customs \(MASP-C\) \(europa.eu\)](#).

<sup>2</sup> Commission Implementing Decision (EU) 2023/2879 of 15 December 2023 establishing the Work Programme relating to the development and deployment for the electronic systems provided for in the Union Customs Code, [OJ L, 2023/2879, 22.12.2023](#).

with the support of several CCI PGs established under the Customs Programme. Hence, **many significant milestones have been achieved** following the UCC WP and MASP-C planning.

For CCI P1, Technical System Specifications (TSS) were finalised on 09 October 2020, and the CT environment was assured for the MSs well in advance before the end date of the deployment window scheduled for 01 December 2023.

For CCI P2, TSS were finalised on 17 June 2022 with the CT environment in place, well before the start date of the deployment window scheduled for October 2023. The end date of the deployment window is 02 June 2025, when the entire CCI system should be in operation by all MSs.

In view of the dependencies on the MSs' actions, including their readiness with the NIS upgrade as a prerequisite for deploying the CCI system, together with the derogations<sup>3</sup> granted for NIS and the MSs' notification of delays in the deployment of CCI P1 beyond 01 December 2023, DG TAXUD implemented a new redefined iterative approach. This approach allows for the prioritisation of CCI P1 with standard declarations and the freedom to choose the message version of CCI P1 specifications or CCI P2 specifications. The latest are designed to support the functionalities of the entire system, while including an extended deadline for P1. This new approach has been reflected in the new UCC WP adopted with the Commission Decision (EU) 2023/2879 of 15 December 2023<sup>4</sup>.

In accordance with the new approach, the deployment window for CCI P1 was extended by seven months until the 01 July 2024. MSs are allowed to deploy the CCI P1 system only with a standard customs declaration as a first step of the entire CCI system. Additional facilitation is given with the possibility to implement CCI P1 functionalities using CCI P2 (Full) Scope TSS<sup>5</sup> (i.e., the ones also supporting the functionalities of the CCI P1 system), avoiding a transition from CCI P1 to CCI P2. Moreover, DG TAXUD created the CCI P2 (Full) Scope TSS package, merging P1 and P2 specifications, aiming to facilitate MSs, having all CCI scenarios and processes in one package, together with the CCI P2 (Full) Scope Technical Specifications Guide. The aforesaid guide aimed to explain to the MSs and traders how to use the CCI P2 (Full) Scope TSS for the correct implementation of both phases' scope.

Therefore, MSs are able to start developing and implementing the entire CCI system using the CCI P2 (Full) Scope TSS content in an agile and iterative process, firstly implementing the scenarios under the CCI P1 Scope (within the final date of the deployment window (01 July 2024) set in the UCC WP) and then proceeding with the rest of the scenarios of CCI P2 (Full) Scope.

The entire CCI system must be deployed and enter into operation by the final legal deadline of 02 June 2025, set in the UCC WP. This will also facilitate EOs, allowing them to adapt their systems agilely and ensuring smooth use of the CCI system.

## 1.2 DOCUMENT PURPOSE

This document provides an overview of the MSs' national project planning, organisational, development, and connectivity setup, CT (Mode-1, Mode-2, Mode-3), planning for the national deployment of CCI and start date of operations for P1 and P2 (Full) Scope. It also describes the MSs'

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<sup>3</sup> COM proposed implementing decisions to grant derogations to several MSs experiencing delays in the ongoing IT developments beyond the legal deadlines of specific systems, allowing them to temporarily use means other than electronic data-processing techniques, as defined in the UCC, for the exchange of information.

<sup>4</sup> Commission Implementing Decision (EU) 2023/2879 of 15 December 2023 establishing the Work Programme relating to the development and deployment for the electronic systems provided for in the Union Customs Code ELI: [http://data.europa.eu/eli/dec\\_impl/2023/2879/oj](http://data.europa.eu/eli/dec_impl/2023/2879/oj)

<sup>5</sup> Messages of CCI P2 (Full) Scope are designed to support all the functionalities needed for the exchange of information for the processes of the entire CCI system. This approach provides significant facilitation for MSs, avoiding transitioning from CCI P1 to CCI P2 and saving time, costs and human resources for the implementation of the entire CCI (P1 and P2) system.

activities before and during the CT in Q2 2024. The Quarterly Report consists of ten main sections, which constitute an overview of the MSs' state of play, latest CCI milestones and operational dates according to the UCC WP, CT progress in the different modes, conducted trainings and conference meetings, risks, and challenges for the MSs' progress on CCI CT activities to meet the deployment milestones.

### 1.3 HOW TO READ THIS DOCUMENT AND TARGET AUDIENCE

This report is the second Monitoring Quarterly Report on the MSs' status and progress of CCI P1 and P2 (Full) Scope system deployment and start of operations. It compiles and analyses the latest NPPs available at its closing date (**30 June 2024**), as well as the MSs' CCI activities performed until that date.

The middle and senior management is invited to read the Executive Summary presented in [Section 2](#). The aforesaid section gives an overview of the status of CCI P1 and P2 and provides the progress achieved by the MSs, as well as the residual risks on their timely and/or orderly deployment. The project managers and experts involved in the CCI project should also read the core of the report, presenting the facts and rationales underpinning the Executive Summary.

Stakeholders involved are also invited to read [Section 2](#) to get a general overview of the state of play of MSs' CCI activities, their progress, and their plan to start operations with CCI P1 and P2.

The intended audience for this document is the following:

- MSs, CCI NPMs and NPTs; EOs;
- DG TAXUD and CCI CPT with the contractors' teams: ITSM3-TES; QA5; ITSM3-OPS; SOFT-DEV. More specifically, the target audience for this document includes:
  - Any person responsible for business/system processes, requirements, and functional and technical specifications of the CCI system;
  - Any person responsible for the development of software in the context of a CCI system;
  - Any person responsible for the definition of tests and execution of conformance testing for a CCI system and involved;
    - In the development of the test scenarios, test scripts and test data;
    - In the planning, organisation and coordination of the CT activities;
    - In the implementation of the CT Campaign;
    - In the quality procedures to apply to the CTs.
  - Any person from the DG TAXUD units who has to verify whether the current document is consistent and accurately depicts the solution to be followed;
  - Any MS who has to identify the actions, implications and consequences of their National Domain, including business and IT experts.

### 1.4 SCOPE

This Quarterly Report covers the performance and follow-up of the MSs' CCI P1 and P2 CT activities and their operational readiness. In particular, the report contains information on the MSs' CCI performance and activities until 30 June 2024, as well as the information from their latest NPPs versions, received by the end of June 2024. **Any further updates after that date will be included in the following quarterly report.**

The goal of the aforesaid activities is to certify that a national CCI application complies with the UCC and the CCI technical specifications, particularly DDCOM ([R11](#)), DDNCA for CCI P1 ([R12](#)) and

DDNCA for CCI P2 (Full) Scope specifications ([R13](#))<sup>6</sup>. The testing activities cover CT Mode-1, CT Mode-2, CT Mode-3 and CT Mode-3+. For additional information regarding the CT Modes, please refer to [Annex 4](#).

## 1.5 STRUCTURE

This document is organised as follows:

**Chapter 1 – Introduction:** provides an overview of the UCC CCI project, describes the purpose, scope and structure of the document, including some document service information;

**Chapter 2 – Executive Summary:** contains a general overview of the MSs’ state of play and the latest milestones regarding the implementation of the CCI system, as well as information on the MSs’ planned dates for entry in operations, indicating the MSs that are proceeding according to schedule for their entry in operations, and the ones that are falling behind and are expected to be delayed;

**Chapter 3 – Applicable Methodology:** provides details for the generation of the report and the sources used;

**Chapter 4 – State of Play of NPPs per MS:** contains a thorough analysis of the state of play of the received NPPs per MS;

**Chapter 5 – Connectivity Activities for CNN2 and CTA:** provides consolidated lists of the MSs that have finalised the CCN2 and CTA connectivity activities;

**Chapter 6 – Progress of the Conformance Testing:** provides a detailed overview of the MSs’ CT status per CT Mode, as well as the incidents raised for CCI P1 and P2 during Q2 2024, and lists the frequent issues encountered by the MSs;

**Chapter 7 – Risk Analysis:** lists the identified and possible issues endangering the CT planning activities and suggests risk mitigation measures;

**Chapter 8 – The CT Activities Programme:** analyses the three consecutive phases based on which DG TAXUD follows up and supports MSs and informs about the conducted conference meetings and trainings with the MSs during the reporting period;

**Chapter 9 – Conclusions:** presents the main conclusions;

**Chapter 10 – Annexes:** contains various annexes that include essential information about the actions and steps that should be taken regarding the connectivity activities procedures, as well as a description of the different CT modes.

## 1.6 REFERENCE DOCUMENTS

This section provides a list of references that were used for the creation of this document. Reference documents are those providing non-binding and supplementary information.

Ref.	Title	Originator	Version	Date
R01	Business Case – EU Centralised Clearance for Import – Phase 1	DG TAXUD	1.20	17/11/2017
R02	Business Case – EU Centralised Clearance for Import – Phase 2	DG TAXUD	0.5	10/09/2019
R03	CCI P1 Vision Document	DG TAXUD	1.20	18/06/2020
R04	CCI P2 Vision Document	DG TAXUD	1.40	16/12/2021

<sup>6</sup> The CCI P2 (Full) Scope TSS package, merging P1 and P2 specifications, aiming to facilitate MSs having all CCI scenarios and processes in one package, was finalised and approved in 2023.

Ref.	Title	Originator	Version	Date
R05	Functional Centralised Clearance for Import P1 System Specifications (FSS-UCC CCI P1)	SOFT-DEV	2.20	06/03/2023
R06	EU Customs Functional Requirement BPMs for Centralised Clearance for Import P1 (FRR-UCC CCI P1)	SOFT-DEV	2.30	18/04/2023
R07	Functional Centralised Clearance for Import P2 System Specifications (FSS-UCC CCI P2)	SOFT-DEV	1.30	29/07/2020
R08	EU Customs Functional Requirement BPMs for Centralised Clearance for Import P2 (FRR-UCC CCI P2)	SOFT-DEV	2.10	28/07/2020
R09	Conformance Testing Application Technical Specifications	ITSM3-TES	12.00	14/09/2023
R10	CS/RD2 - Design Document for Reference Data Administration	DG TAXUD	3.20	04/01/2023
R11	Design Document for Common Operations and Methods for CCN2 enabled Systems (DDCOM) (release 1.2.0)	SOFT-DEV	1.20	10/12/2021
R12	Design Document for National Centralised Clearance for Import Application (DDNCA) for CCI P1	SOFT-DEV	1.2.1-v1.00	02/05/2023
R13	Design Document for National Centralised Clearance for Import Application (DDNCA) for CCI P2 (Full) Scope	SOFT-DEV	1.0.1-v1.00	14/07/2023
R14	CCI P2 (Full) Scope Technical Specifications Guide	SOFT-DEV	1.00	08/11/2023
R15	TES-IWP-Glossary	ITSM3-TES	1.40	06/07/2023

**Table 1: Reference documents**

## 1.7 APPLICABLE DOCUMENTS

This section provides a list of documents related to this document. Applicable documents are those of a contractual nature bound to this document.

Ref.	Title	Originator	Version	Date
A01	Framework Contract TAXUD/2017/CC/138	TAXUD	N/A	11/04/2017
A02	Specific Contract 15 TAXUD/2023/DE/199	TAXUD	N/A	03/08/2023

**Table 2: Applicable documents**

## 1.8 ABBREVIATIONS & ACRONYMS

For a better understanding of the present document, the following table provides a list of the principal abbreviations and acronyms used.

Abbreviation/Acronym	Definition
ACS	Acceptance and Certification Specification
AM	Application Management
BM	Business Monitoring
CAP	Common Agricultural Policy
CCI	Centralised Clearance for Import
CCN2	Common Communication Network2
COM	European Commission
CPP	Consolidated Project Plan
CPT	Central Project Team
CTP	Conformance Test Protocol
CS/MIS2	CS/MIS Central Services/Management Information System2
CT	Conformance Testing
CTA	Conformance Testing Application
DDCOM	Design Document for Common Operations and Methods
DDNCA	Design Document for National Centralised Clearance for Import Applications
DG TAXUD	Directorate-General for Taxation and Customs Union
ECCG	Electronic Customs Coordination Group
E2E	End-to-End
EIDR	Entry In the Declarant's Records
EM	External Milestone
EO	Economic Operator
EU	European
GUI	Graphical User Interface
IM	International Milestone
ITSM	Information Technology Service Management
MASP-C	Multi-Annual Strategic Plan for Customs
MS	Member State
N/A	Not Applicable
NA	National Administration
NCA	National CCI Application
NIS	National Import Systems
NM	National Milestone
NPM	National Project Manager
NPP	National Project Plan
NPT	National Project Team
P	Phase
PCI	Presentation Customs Office for Centralised Clearance for Import
PG	Project Group
PICS	Programmes Information and Collaboration Space

Abbreviation/Acronym	Definition
Q	Quarter
S2S	System-to-System
SCI	Supervising Customs Office for Centralised Clearance for Import
SMT	Service Management Tool (SYNERGIA)
SOFT-DEV	Software Developer
TCG	Trade Contact Group
TES	Trans-European System
TRP	Test Reference Package
TSC	Technical Service Contract
TSS	Technical System Specifications
UCC	Union Customs Code
UCC WP	Union Customs Code Work Programme
VAT	Value Added Tax
WSDL	Web Services Description Language
XSD	XML Schema Definition

**Table 3: Abbreviations and acronyms**

## 1.9 DEFINITIONS

For a better understanding of the present document, the following table provides a list of the principal terms used.

Term	Definition
CCI P1 Scope and Functionalities	CCI P1 Scope covers the functionality for handling standard customs declarations with centralised clearance, as well as the communication of supporting/additional documents between the related customs offices. Those functionalities should be deployed and go live by 01 July 2024. It may also cover centralised clearance with simplified customs declarations and the respective general or periodic supplementary declarations (regularising one simplified customs declaration), which are optional to be deployed by 01 July 2024. In addition, it covers the placing of all types of goods (except for excise goods, EU goods in the context of trade with special fiscal territories, and goods subject to common agricultural policy measures) under the following customs procedures: release for free circulation, customs warehousing, inward processing, and end-use.
CCI P2 (Full) Scope and Functionalities	The objective of the CCI P2 (Full) Scope is the implementation of all functionalities of the entire CCI system. Namely, the simplified and supplementary declarations (if not implemented under P1), customs declarations through an EIDR and recapitulative supplementary declarations (regularising more than one simplified customs declaration or more than one EIDR), placing of goods under the temporary admission procedure, excise goods, EU goods in the context of trade with special fiscal territories, and goods subject to common agricultural policy measures. P2 (Full) Scope should be deployed and go live by 02 June 2025. The implementation of the CCI full scope, mainly CCI P2, will enable EOs to gather all procedures in one central customs, as well as the full completion of the automation of all possible CCI scenarios and processes to gain

Term	Definition
	the maximum benefit from the concept of the centralised clearance at the EU level.
CTA	<p>Dedicated Test Application located at the Central Test Site.</p> <p>CTA aims to centralise all the CT activities linked to the national applications developed in the context of various TES. For each Testing Campaign, CTA is the access point for:</p> <ul style="list-style-type: none"> <li>• Planning the CT by providing NPPs (a list of scheduled dates for activities) and consolidating them in a CPP;</li> <li>• Preparing the CT;</li> <li>• Executing the Conformance Tests to assess the readiness for entry into production;</li> <li>• Reporting on the Test Executions.</li> </ul>
CTP Explorer	A tool representing the content of TRPs in a user-friendly way that can be run locally by testers. This tool also supports testers by providing the test scenarios and the test data for CT.
Distributed Approach	The approach of a Distributed/Decentralised system has been selected for the realisation of CCI TES. This approach takes national policy into account considering that the national systems need to be updated under UCC and, therefore, gives rise to a positive cost/benefit ratio. The specific approach also promotes the reusability of existing national import systems and the collaboration between NAs by simplifying and digitalising CCI procedures.
ITSM	The external contractor providing assistance to DG TAXUD and NPT and ensuring the overall planning and coordination activities amongst the key stakeholders (NAs, DG TAXUD, ITSM3-OPS, QA Contractor, and SOFT-DEV) during and after the deployment phase. From a business and functional perspective, ITSM assists NAs in getting a thorough understanding of the business process and the usage of the Commission IT Service part of TES.
ITSM AM	<ul style="list-style-type: none"> <li>• Is responsible in general for the smooth running of operations and especially for the following issues related to central applications: <ul style="list-style-type: none"> <li>○ Deployment of new software, new versions, (etc.);</li> <li>○ Configuration of central and testing applications;</li> <li>○ Application failures;</li> <li>○ Environmental faults (e.g., configuration issues, IP addresses, etc.);</li> <li>○ Unavailability issues.</li> </ul> </li> </ul> <p>Provides second-level support and technical assistance.</p>
ITSM BM	<ul style="list-style-type: none"> <li>• Is responsible for the monitoring activities of CCI, meaning: <ul style="list-style-type: none"> <li>○ Monitoring of the messages exchanged in the common domain;</li> <li>○ Monitoring of the error messages in the common domain.</li> </ul> </li> </ul>

Term	Definition
	<ul style="list-style-type: none"> <li>• Provides second-level support to NAs for any issue they may face;</li> <li>• Produces reports on statistics on a regular basis (daily, weekly, monthly, ad-hoc reports) and submits them to DG TAXUD and NAs;</li> <li>• Participates in the webinar along with DG TAXUD and NAs and presents the status of operations;</li> <li>• Organises conference calls for any operational issue that is observed;</li> <li>• Registers problems and known errors of national applications and common specifications.</li> </ul>
ITSM CCN/CCN2 OPS	<ul style="list-style-type: none"> <li>• Maintains the CCN/CCN2 infrastructure;</li> <li>• Provides second-level support and technical assistance;</li> <li>• Is responsible for the CCN2 account creation and the account lifecycle management;</li> <li>• Is responsible for adding and managing the roles and permissions associated with the CCN2 user accounts.</li> </ul>
ITSM CT Coordinator	<ul style="list-style-type: none"> <li>• Is responsible for the setup and operation of the Central Test Site;</li> <li>• Coordinates the Conformance Testing activities (planning, preparation, execution, follow-up issues);</li> <li>• Manages CTA and provides service support to the NAs (diagnosis, problem and change management) during the execution of tests;</li> <li>• Analyses the log files and reports the test results;</li> <li>• Registers service requests to SOFT-DEV contractor for analysis of technical or business-related defects;</li> <li>• Ensures the follow-up of CT incidents;</li> <li>• Produces the Test Summary Report, which includes the results of the executed scenarios, and submits the report to DG TAXUD;</li> <li>• Participates in the various meeting (Kick-off meetings, End-Off meetings, troubleshooting meetings, etc.);</li> <li>• Is responsible for the effective communication between the participants.</li> </ul>
NA Defined Testing <sup>7</sup>	Tests for which the scenarios and the data exchanged in the messages are not provided in the CT Database but by the NA. However, the scenarios could also be the ones defined in the CTP.
Operational Plan	In order for a TES system to enter into operation, a predefined set of milestones pertinent to the National, External and Common domains is established and should be met beforehand. The purpose of the Operational Plan is to gather all required information and planned dates for meeting the different national milestones for deploying the CCI system. Namely, to provide a thorough and step-by-step overview of the planned CCI organisational, development, CT, and operational activities concerning NAs, DG TAXUD and the

<sup>7</sup> The definition is taken from the 'CT Organisation Document for CT Campaign (CTOD) for CCI P1 and CCI P2-v1.10'.

Term	Definition
	contractors. This information is retrieved via the NPPs, conducted synchronisation calls with NAs, or any other means of exchanging information. A dedicated Operations Checklist exists per NA and consists of tasks and/or activities during and after the defined deployment milestone. ITSM is responsible for keeping the Operational Plan updated and communicating with NAs when there is pending information. In addition, ITSM should communicate to DG TAXUD the progress of the NAs' national planning and any severe deviations from the agreed deployment milestones. This helps identify potential delays that jeopardise the start of the CCI operations and, thus, provide timely and practical solutions.
SOFT-DEV	The DG TAXUD contractor responsible for the development and third-level support of the technical specifications and the development of the Central applications.
PICS	Online platform designed for the collaborative work and the sharing of information between the Commission, administrations and the representatives of EOs across the EU in the fields of taxation and customs.
Test Case	A logical self-standing sequence of message exchanges to test each specification. This exact test needs to be carried out.
Test Mode	<p>The kind of tests that have to be performed on an NCA. They consist of:</p> <ul style="list-style-type: none"> <li>• Stand-alone testing (Mode-1);</li> <li>• Conformance Testing (Mode-2);</li> <li>• International testing (Mode-3);</li> <li>• Extended Mode-3 (Mode-3+).</li> </ul>
Stand-Alone Testing (Mode-1)	In the <b>Mode-1 Stand-Alone Testing</b> , all the functionalities of the NCA and the interface between NCA and CCN2 are tested. The tests can be executed either with a local national testing tool or with CTA. This mode is under NA's responsibility, making use of tests defined nationally based on the national experience and common cases in operations and National Test Scenarios included in ACS Annexes, and it is mandatory.
Conformance Testing (Mode-2)	<b>Mode-2 Conformance Testing is used to qualify the NCAs' readiness before operation.</b> Mode-2 CT is performed in two modes, called pre-CT and Actual CT. Pre-CT is a preliminary stage during which the NAs prepare for the Actual CT. During Mode-2, the NAs are authorised to use the ITSM infrastructure, centrally located, to execute the tests. CT Mode-2 takes place at the NA premises, executing a full set of predefined test scenarios that mandate the exchange of IEs using the CTA. This mode is mandatory.
International Testing (Mode-3)	In the <b>Mode-3 International Testing</b> the NAs execute testing among themselves using the CT environment. NAs test their NCA by exchanging messages between the two NCAs. During this mode, the actual NCA applications test the interoperability between their respective applications. The specific mode is mandatory.
Extended Mode-3 (Mode-3+)	<b>Extended Mode-3 (Mode-3+)</b> is the International Testing involving EOs, which agreed to perform additional testing in a separate testing

Term	Definition
	environment. This mode is strongly recommended and not mandatory.
TRP	<p>The Test Reference Package is a term used to enclose (refer to) all business input uploaded to CTA for CT execution (i.e., for the successful exchange of Test Messages during CT) in the context of a given CT Campaign. More specifically, the Test Reference Package consists of the following files:</p> <ul style="list-style-type: none"> <li>• Reference data;</li> <li>• Test Message Templates along with their corresponding common XSDs;</li> <li>• Country Specific Instantiation Data;</li> <li>• Test Cases (including their dependencies and exclusions, when applicable);</li> <li>• Rules and Conditions (for the purposes of semantic validation);</li> <li>• Other files including business input for the CT execution (such as the validation rules applicable to the CCN2).</li> </ul> <p>It should be noted that the Test Reference package is not meant to include any input related to the application’s design aspects, such as external configuration files for the implementation of GUI functionality/constraints.</p>

**Table 4: Definitions**

## 2 EXECUTIVE SUMMARY

### 2.1 OVERVIEW OF THE MSS' PROGRESS IN Q2 2024

By the end of the reporting period (**30 June 2024**):

- ✓ **3 MSs (BG, EE and PL)**, following the finalisation of their CT activities (under Mode-1, Mode-2 and Mode-3) within a concise timeframe, **successfully entered the CCI P1 operations**. EE entered in operations with CCI P1 on 09 June 2024, BG on 20 June 2024 and PL confirmed their readiness to enter into operations by 01 July 2024. All the aforesaid MSs marked outstanding progress according to their national planning with minor variations in the CT end date and helped DG TAXUD to mature all processes, tools and services that will be offered to the other MSs;
- ✓ **5 MSs (ES, LU, LV, LT<sup>8</sup> and RO)** had **successfully finalised all their CT activities for CCI P1** using CCI P2 (Full) Scope TSS (under Mode-1, Mode-2 and Mode-3) within a very short timeframe. More concretely, ES tested under Mode-3 together with LU and LV, LT together with RO, demonstrating exceptional cooperation. **4 of these MSs (ES, LV, LT, RO) successfully entered CCI P1 operations (using CCI P2 (Full) Scope TSS**. ES entered in CCI P1 operations on 17 June 2024. LV, LT and RO entered into the CCI P1 operations on 01 July 2024. **1 MS (LU)** informed that due to an internal issue in a connected system requiring additional upgrades, their go-live date would have a very short delay and be on 08 July 2024.
- ⇒ **In total, 7 MSs went live with CCI P1 by the legal deadline of 1 July 2024;**
- ✓ **1 MS (HR)** had finalised pre-CT Mode-2 and initiated their CT activities in actual Mode-2 for CCI P1 scope using CCI P2 (Full) Scope TSS;
- ✓ **2 MSs (IT and FI)** had initiated their CT Mode-1 activities for CCI P1 scope using CCI P2 (Full) Scope TSS;
- ✓ **17 MSs (BE, BG<sup>9</sup>, DE, EE<sup>8</sup>, ES, HR, IT, CY, LV, LT, LU, MT, PL<sup>8</sup>, RO, SI, SK, and FI)** had finalised the **CCN2 and CTA connectivity activities;**
- 🕒 **1 MS (PT)** had completed the CCN2 connectivity but still needs to finalise the CTA connectivity activities for CCI P2;
- 🕒 **3 MS (CZ, EE, and PL)** had only registered users for CTA and are pending to submit the WSDL files for CCN2 connectivity establishment. Regarding **EE** and **PL**, the submission of the WSDL files is part of their second connectivity activities in order to be connected to CTA for CCI P2, which is a requirement for Group A MS (please see footnote 8);

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<sup>8</sup> It should be noted that LT demonstrated exceptional progress, finalising the respective activities within less than a month.




<sup>9</sup> It should be noted that **BG, EE** and **PL**, who were very advanced in CCI P1 development and CT using P1 specifications at the time of the new approach implementation, entered into operations with the CCI P1 system by 01 July 2024 based on P1 specifications (called for simplicity **Group A MSs**). Afterward, when implementing the CCI P2 (Full) Scope specifications, these MSs must transition from P1 to P2 using the scenarios and the TSS messages of DDNCA for CCI P2 (Full) Scope specifications. **Group A MSs** are also required to repeat the connectivity activities prior to the start of the CCI P2 (Full) Scope CT activities. The remaining 24 MSs decided to benefit from the new redefined approach and will develop, test, and deploy CCI P1 using CCI P2 (Full) Scope specifications, avoiding the transition from P1 to P2 (called for simplicity **Group B MSs**). For those 24 MSs, a second performance of the connectivity activities is not required. In particular, once the latter executes the CCN2 and CTA connectivity activities for CCI P2, they can perform CT for all the functionalities (P1 and P2) of the CCI system in CTA for CCI P2.

- 🕒 2 MSs (**IE** and **HU**) had provided their WSDL files for registration (the CCN2 connectivity establishment is not yet completed), and it is pending to proceed with the necessary activities on their side for the CTA connectivity;
- 🕒 1 MS (**BE**) initiated the CT Mode-1 activities for CCI P1 scope using CCI P2 (Full) Scope TSS. Nonetheless, during a Mode-1 status meeting on 11/06/2024, BE announced a change in the approach of the CCI system’s deployment, notifying that P1 and P2 would be deployed in one iteration by the legal deadline of 02 June 2025;
- ✖ 6 MSs (**DK, EL, FR, NL, AT, and SE**) had neither initiated the connectivity activities (a prerequisite for the CT) nor started their CT Campaign;
- ✖ 1 MS (**SK**) had finalised the CCI P1 CT Mode-1 and initiated the activities for CT Mode-2. However, despite their good progress regarding CCI P1, SK decided to terminate their CT activities using the CCI P1 specifications during the pre-CT Mode-2 and continue with the activities using the CCI P2 (Full) Scope TSS, notifying that they will not meet the legal deadline of 02 June 2025.

The progress of MSs until the end of the reporting period is also presented in **Figure 1**. It should be noted that Mode 3+ is not mandatory.

Group	MS	Connectivity		Conformance Testing				GO Live	Connectivity		Conformance Testing				GO Live
		CCN2	CTA	Mode-1	Mode-2	Mode-3	Mode-3+	P1	CCN2	CTA	Mode-1	Mode-2	Mode-3	Mode-3+	P2
B	BE							2/6/2025							2/6/2025
A	BG							20/6/2024							2/6/2025
B	CZ							Open							Open
B	DK							31/1/2025							2/6/2025
B	DE							15/11/2025							15/11/2025
A	EE							9/6/2024							28/5/2025
B	IE							Q4 2025							Q4 2025
B	EL							2/6/2025							2/6/2025
B	ES							17/6/2024							2/6/2025
B	FR							2/6/2025							2/6/2025
B	HR							1/10/2024							2/6/2025
B	IT							4/11/2024							30/5/2025
B	CY							30/10/2024							2/6/2025
B	LV							1/7/2024							25/3/2025
B	LT							1/7/2024							2/6/2025
B	LU							8/7/2024							29/5/2025
B	HU							2/6/2025							2/6/2025
B	MT							17/6/2024							26/5/2025
B	NL							1/11/2025							1/11/2025
B	AT							2/6/2025							2/6/2025
A	PL							1/7/2024							2/6/2025
B	PT							29/10/2024							1/6/2025
B	RO							1/7/2024							14/10/2024
B	SI							2/12/2024							2/6/2025
B	SK							Q4 2025							Q4 2025
B	FI							24/5/2025							24/5/2025
B	SE							2/6/2025							2/6/2025

\*Mode 3+ is not mandatory

Completed	
Ongoing	
Not Started	
On time	
Delayed	

**Figure 1: MSs’ Progress – CCI P1 & P2**

DG TAXUD highlights that CTA for CCI P2 (Full) Scope can be used by the MSs during the development of their national CCI applications, even before the official start of the CT Campaign. Hence, if an agile deployment approach is used by the MSs, CTA, with the support of CCI CPT and ITSM3-TES, can highly assist in the progressing and timely development of the CCI system.

## 2.2 PLANNED OPERATIONAL DATES – PREVIEW PER MS

Considering the received NPPs and the bilateral meetings and/or communication between DG TAXUD and MSs, the following figure illustrates the CCI provisional and actual operational dates. More concretely, it provides an overview, in terms of planning, of the MSs' compliance with the legal deadlines, indicating **in green** the MSs that have reported they will meet the legal CCI deadlines and **in red** those that have announced or experienced delays against the UCC WP deadlines. The MSs that delay CCI P1 but plan to be on time with CCI P2 are indicated **in orange**.

### For CCI P1:

- ✓ **7 MSs (BG, EE, ES, LV, LT, PL and RO)** have successfully entered into CCI P1 operations within the legal deadline of **01/07/2024**;
- ⌚ **1 MS (LU)** will enter CCI P1 operations on 08/07/2024;
- ✗ **19 MSs (BE, CZ, DK, DE, IE, EL, FR, HR, IT, CY, HU, MT<sup>10</sup>, NL, AT, PT, SI, SK, FI and SE)** did not meet the legal deadline for CCI P1.

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<sup>10</sup> By the end of the reporting period, MT had not communicated an updated NPP. Based on the latest provided NPP, MT's operational date was on 17/06/2024. However, the latter had not initiated their CT activities by 30 June 2024. Therefore, MT is not expected to meet the legal deadline of 01 July 2027 and is depicted **in red** in **Figure 2**.

		P1: 01/07/2024												P2: 02/06/2025												
		2024												2025												
MS	Group	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
BE	B																									P1 & P2 02/06/2025
BG	A						P1 20/06/2024																			P2 02/06/2025
CZ	B																									P1 & P2 Open Date
DK	B												P1 31/01/2025													P2 02/06/2025
DE	B																									P1 & P2 15/11/2025
EE	A						P1 09/06/2024												P2 28/05/2025							
IE	B																									P1 & P2 Q4 2025
EL	B																									P1 & P2 02/06/2025
ES	B						P1.1 17/06/2024																			P1.2 & P2 02/06/2025
FR	B																									P1 & P2 02/06/2025
HR	B									P1.1 01/10/2024																P1.2 & P2 02/06/2025
IT	B										P1.1 04/11/2024								P1.2 & P2 30/05/2025							
CY	B									P1 30/10/2024																P2 02/06/2025
LV	B						P1.1 01/07/2024					P1.2 29/11/2024				P2 25/03/2025										
LT	B						P1 01/07/2024																			P2 02/06/2025
LU	B						P1.1 08/07/2024												P1.2 & P2 29/05/2025							
HU	B																									P1 & P2 02/06/2025
MT	B					P1 17/06/2024													P2 26/05/2025							
NL	B																									P1 & P2 01/11/2025
AT	B																									P1 & P2 02/06/2025
PL	A						P1 01/07/2024																			P2 02/06/2025
PT	B									P1 29/10/2024																P2 01/06/2025
RO	B						P1.1 01/07/2024				P1.2 & P2 14/10/2024															
SI	B											P1 02/12/2024														P2 02/06/2025
SK	A																									P1 & P2 Q4 2025
FI	B																		P1 & P2 24/05/2025							
SE	B																									P1 & P2 02/06/2025

Figure 2: CCI Deployment in Operation – Preview per MS

**For CCI P2 Full scope:**

Based on the table above, **5 MSs (CZ, DE, IE, NL, and SK)** are not expected to meet the deadline for the deployment of the entire CCI system by the end of the deployment period on 02 June 2025. It should be noted that **IE** had not provided an updated NPP by the end of June 2024. In addition, **CZ** did not give a concrete date for the start of the CCI P2 operations in the latest NPP. As such, a solid conclusion regarding the readiness of the two abovementioned MSs for CCI P2 cannot be drawn. **7 MSs (BE, EL, FI, FR, HU, AT, and SE)** delayed CCI P1 but plan to be on time with CCI P2.

**DG TAXUD strongly encourages MSs that have indicated delays against the deployment of CCI P2 to exert all efforts and take any necessary measures to follow or, if required, change the dates of their planned CCI activities to deploy CCI P2 in Q2 2025, considering that the system is eagerly awaited by the trade community.**

### 3 APPLICABLE METHODOLOGY

This Quarterly Report is generated based on several sources:

- All the latest versions of NPPs received until 30 June 2024 (closing date of this report in Q2 2024);
- The outcomes from the bilateral grooming meetings with MSs held for the synchronisation of the planned CCI-related activities and the sharing of additional information regarding the status of the milestones included in the NPPs;
- The outcomes from the bilateral technical meetings with the MSs organised to follow up on the progress of the CCI P1 CT activities;
- ITSM3-TES' monitoring activities of the NAs' CT progress through CTA, CT reports and CT incidents opened by NAs;
- The Operational Plan of the MSs updated and maintained by the ITSM3-TES Coordination team;
- The information gathered through the different communication channels, including e-mails and conference calls with NAs;
- The minutes of CCI PG meetings.

## 4 STATE OF PLAY OF NPPS PER MS

The objective of the NPPs is to monitor the MSs' national planning and activities towards the deployment of the CCI system to ensure that the MASP-C milestones will be met. MSs are fully responsible for the completion of the NPPs. More concretely, NPPs should be produced by the CCI NPT of the MSs and communicated to the DG TAXUD CCI CPT and ITSM3-TES. MSs fill out the NPPs utilising communicated templates and reporting on development and testing activities (e.g., start and end date of CT Modes), the target date to start the system in operations, as well as indications of any challenges, potential delays and risks against meeting the CT and deployment milestones. In addition, MSs are expected to provide accurate information and communicate any changes in their national planning also during the technical meetings with DG TAXUD and the contractors. On this basis, NPPs might be subject to regular updates during the entire CT Campaign until achieving the milestone for the start of operation with the entire CCI system, while any updates **should be timely and adequately communicated** to the CCI Central Project Team in TAXUD.

Until the end of the reporting period, all MSs provided their NPP (in the form of an update or confirmation of the previous version), except for **FR**. For the aforesaid MS, the current report assumes that their latest plans available, if any, remain valid.

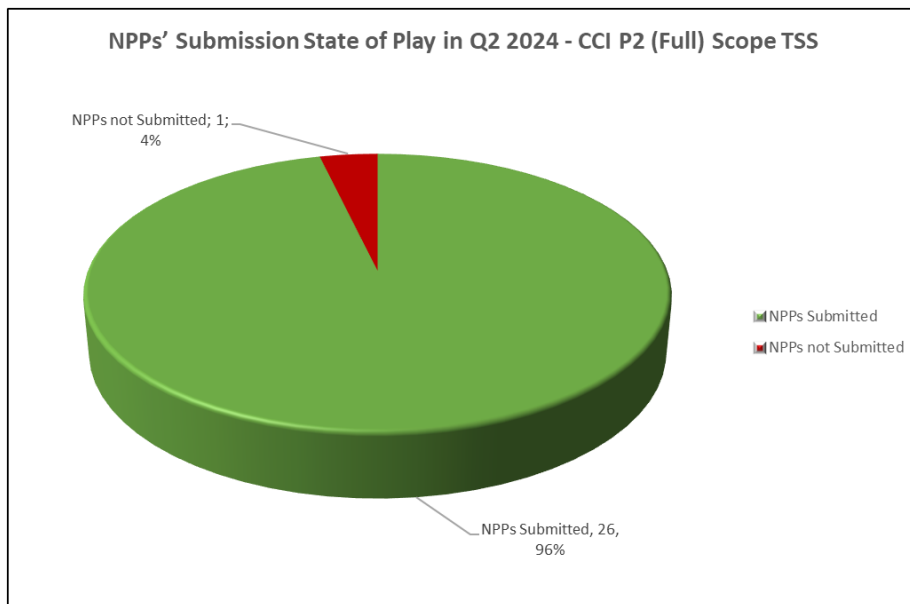
**Table 5** below provides information on the state of play of MSs' NPP submission until the end of the reporting period for **CCI P2 (Full) Scope TSS**. It provides information on whether MSs have or have not submitted NPPs along with the NPP input. If the NPP includes all the required dates for the national planning, then the NPP input is marked as '**Complete**'. In addition, if the NPP has missing dates, the NPP Input is considered '**Incomplete**'.

MS	NPP Submission	Date of Latest Submission	NPP Input
BE	Yes	10/03/2023	Complete
BG	Yes	10/03/2023	Complete
CZ	Yes	04/04/2024	Incomplete
DK	Yes	12/10/2023	Incomplete
DE	Yes	15/11/2023	Complete
EE	Yes	10/03/2023	Incomplete
IE	Yes	20/03/2023	Complete
EL	Yes	13/07/2023	Complete
ES	Yes	08/03/2024	Incomplete
FR	No	Not provided	Not provided
HR	Yes	11/06/2024	Complete
IT	Yes	14/06/2024	Complete
CY	Yes	29/05/2024	Complete
LV	Yes	26/06/2024	Complete
LT	Yes	21/06/2024	Complete
LU	Yes	26/06/2024	Complete
HU	Yes	01/03/2024	Complete
MT	Yes	25/04/2023	Complete
NL	Yes	04/06/2024	Complete
AT	Yes	18/03/2024	Complete
PL	Yes	13/03/2023	Complete

MS	NPP Submission	Date of Latest Submission	NPP Input
PT	Yes	26/06/2024	Incomplete
RO	Yes	10/06/2024	Complete
SI	Yes	27/03/2023	Incomplete
SK	Yes	21/07/2023	Complete
FI	Yes	24/05/2024	Complete
SE	Yes	03/03/2023	Incomplete

**Table 5: MSs NPPs’ State of Play – CCI P2 (Full) Scope TSS**

As depicted in the figure below, the MSs that did not provide an NPP until the end of Q2 2024 account for a percentage of 4%.



**Figure 3: NPPs’ Submission State of Play - CCI P2 (Full) Scope TSS**

**DG TAXUD invites MSs to regularly update their NPPs to keep them aligned with the actual execution of their Connectivity and Conformance Tests.**

## 5 CONNECTIVITY ACTIVITIES FOR CCN2 AND CTA

A thorough analysis of the actions and steps that should be taken regarding the connectivity activities procedures for CCI P2 (Full) Scope specifications can be found in Annexes [2](#) and [3](#).

All **Group A MSs** (BG, EE, PL, and SK) had performed connectivity to CCN2 and CTA for CCI P1 specifications by the end of 2023. However, it should be reminded that those MSs should re-execute the connectivity activities to CTA for CCI P2 before starting the conformance testing of their national CCI application, built on CCI P2 (Full) Scope specifications.

The state of play of **MSs'** CCN2 and CTA Connectivity Activities for **CCI P2 (Full) Scope** specifications is shown in the table below.

MS	End date of CCN2 Connectivity Activities	CTA Connectivity Activities Successfully Completed
BE	05/06/2023	Done
BG	Pending	Pending
CZ	Pending	Done
DK	Pending	Pending
DE	01/05/2023	Done
EE	Pending	Done
IE	Pending	Done
EL	Pending	Pending
ES	23/06/2023	Done
FR	Pending	Pending
HR	02/10/2023	Done
IT	04/04/2023	Done
CY	14/06/2024	Done
LV	13/09/2023	Done
LT	13/09/2023	Done
LU	29/09/2023	Done
HU	Pending	Done
MT	24/05/2024	Done
NL	Pending	Pending
AT	Pending	Pending
PL	Pending	Done
PT	26/06/2024	Pending
RO	24/02/2023	Done
SI	17/05/2024	Done
SK	Pending	Pending
FI	19/03/2024	Done
SE	Pending	Pending

**Table 6: Overview of MSs' CTA and CCN2 Connectivity Activities for CCI P2 (Full) Scope TSS**

For **Group B MSs** who finalised their connectivity for CCN2 and CTA, no further actions with respect to connectivity are required, as the aforesaid activities should be performed only once, in one step.

## 6 PROGRESS OF THE CONFORMANCE TESTING

### 6.1 CT STATUS REPORT - ACHIEVEMENTS AND OUTLOOK

#### 6.1.1 CT Mode-1

It shall be noted that the MSs are allowed to further split the scope of the implementation and the CT of CCI P2 (Full) Scope content in iterations, as follows:

##### P1:

- **P1.1:** standard customs declaration, including pre-lodged one – mandatory to be implemented and be in operation until 01 July 2024;
- **P1.2:** simplified and supplementary customs declaration – optional to be implemented and be in operation within the legal deadline of 01 July 2024 and mandatory within the legal deadline of 02 June 2025.

**P2:** EIDR, recapitulative, excise and CAP goods, goods in the context of EU trade with special fiscal territories and temporary admission procedure - mandatory to be implemented and be in operation within the legal deadline of 02 June 2025.

For a better understanding of the iterative implementation of the entire CCI system using the CCI P2 (Full) Scope TSS content, please consult the [CCI P2 \(Full\) Scope Technical Specifications Guide](#).

The subsequent tables analyse the MSs' CT progress in Mode-1. MSs that have finalised their CT activities are marked with the status '**Completed**'. The status is presented as '**Ongoing**' when the CT activities have started and are still in progress. In addition, the MSs that have yet to begin their CT activities have a '**Not Started**' status, and the columns 'Actual CT Start Date' and 'Actual CT End Date' remain empty. A '**Not Provided**' indication is shown in the case of missing dates from the MSs' NPPs.

**Table 7** below shows the MSs' state of play for **CCI P1 CT Mode-1 (Group A)**.

Status of CT Mode-1 for Group A MSs – CCI P1					
MS	Status	Planned CT Start Date	Planned CT End Date	Actual CT Start Date	Actual CT End Date
BG	Completed	07/08/2023	21/09/2023	07/08/2023	21/09/2023
EE	Completed	01/12/2022	16/10/2023	09/02/2023	09/11/2023
PL	Completed	01/06/2023	30/06/2023	06/06/2023	02/07/2023
SK	Completed	01/10/2023	31/10/2023	14/09/2023	30/10/2023

**Table 7: Status of CT Mode-1 for Group A MSs – CCI P1**

As outlined in the above table, all **Group A MSs** had successfully completed **CT Mode-1** based on **CCI P1 specifications** by the end of 2023 and prior to the reporting period. The four MSs finalised their activities within the predicted timeframe or with slight deviations from their original plan. Once these MSs proceed with the update of their national CCI applications based on CCI P2 (Full) Scope specifications, some regression testing for Mode-1 will need to be performed.

**Table 8** provides an analysis of the MSs' status of CT Mode-1 for **CCI P2 (Full) Scope TSS (Group B)**<sup>11</sup>.

Status of CT Mode-1 for Group B MSs – CCI P2 (Full) Scope TSS						
MS	CCI (Full) Scope [P1 (P1.1, P1.2) & P2]	Status	Planned CT Start Date	Planned CT End Date	Actual CT Start Date	Actual CT End Date
BE <sup>12</sup>	P1	Ongoing	01/06/2023	14/02/2024	06/09/2023	
	P2	Not Started	01/06/2024	14/02/2025		
BG	P2	Not Started	02/09/2024	07/10/2024		
CZ	P1 & P2	Not Started	Not Provided	Not Provided		
DK	P1	Not Started	01/10/2024	01/11/2024		
	P2	Not Started	Not Provided	01/01/2025		
DE	P1 & P2	Not Started	01/09/2025	30/09/2025		
EE	P2	Not Started	01/12/2022	16/10/2023		
IE	P1 & P2	Not Started	Not provided	Not provided		
EL	P1	Not Started	01/02/2025	15/04/2025		
	P2	Not Started	01/02/2025	15/04/2025		
ES	P1.1	Completed	08/04/2024	29/04/2024	08/04/2024	03/05/2024
	P1.2 & P2	Not Started	Not Provided	Not Provided		
FR	P1 & P2	Not Started	Not Provided	Not Provided		
HR	P1	Completed	01/12/2023	27/03/2024	05/12/2023	27/03/2024
	P2	Not Started	15/11/2024	31/12/2024		
IT	P1.1	Ongoing	20/06/2024	05/07/2024	21/06/2024	
	P1.2 & P2	Not Started	12/02/2025	19/02/2025		
CY	P1	Not Started	12/02/2024	26/03/2024		
	P2	Not Started	07/10/2024	01/11/2024		
LV	P1.1.1 <sup>13</sup>	Completed	31/01/2024	18/03/2024	31/01/2024	03/04/2024
	P1.1.2 & P1.2	Not Started	22/05/2024	16/08/2024		
	P2	Not Started	02/09/2024	28/11/2024		
LT	P1	Completed	18/03/2024	31/05/2024	10/01/2024 <sup>14</sup>	05/06/2024
	P2	Not Started	01/10/2024	03/02/2025		
LU	P1.1	Completed	28/08/2023	31/01/2024	28/11/2023	31/01/2024
	P1.2 & P2	Not Started	29/07/2024	31/12/2024		
HU	P1 & P2	Not Started	01/01/2025	31/01/2025		

<sup>11</sup> DG TAXUD and ITSM3-TES closely monitor the progress of the MSs that have not achieved the CCI milestones depicted in the NPPs. Following internal communication, information exchanges and conducted bilateral meetings with DG TAXUD and the contractors, updated NPPs containing new target dates are being prepared by the MSs.

<sup>12</sup> During the status meeting for **BE**'s CT Mode-1 activities held on 11/06/2024, BE announced a change in the approach of the CCI system's deployment, notifying that P1 and P2 would be deployed in one iteration by the legal deadline of 02 June 2025. An updated NPP with the new dates is expected to be communicated at the beginning of July 2024.

<sup>13</sup> For the first iteration, to assist **LV** and accelerate their progress in view of the deadline of 01 July 2024, DG TAXUD allowed to further split the former's CT scope to consist of Standard excluding pre-lodged declaration (i.e., **P1.1.1**). **LV** will subsequently test with pre-lodged declaration (i.e., the remaining scope of P1.1, henceforth, **P1.1.2**), simplified including pre-lodged, and supplementary customs declaration (i.e., P1.2).

Status of CT Mode-1 for Group B MSs – CCI P2 (Full) Scope TSS						
MS	CCI (Full) Scope [P1 (P1.1, P1.2) & P2]	Status	Planned CT Start Date	Planned CT End Date	Actual CT Start Date	Actual CT End Date
MT	P1	Not Started	01/10/2023	31/10/2023		
	P2	Not Started	27/11/2024	31/01/2025		
NL	P1 & P2	Not Started	01/07/2025	01/08/2025		
AT	P1.1	Not Started	16/12/2024	17/01/2025		
	P1.2 & P2	Not Started	16/12/2024	17/01/2025		
PL	P2	Not Started	Not Provided	Not Provided		
PT	P1	Not Started	01/07/2024	30/08/2024		
	P2	Not Started	02/12/2024	28/02/2025		
RO	P1	Completed	01/08/2023	07/02/2024	01/08/2023	08/02/2024
	P2	Not Started	21/06/2024	19/07/2024		
SI	P1	Not Started	02/09/2024	30/09/2024		
	P2	Not Started	01/10/2024	31/12/2024		
SK	P1 & P2	Not Started	01/10/2024	30/11/2024		
FI	P1 & P2	Ongoing	24/06/2024	29/11/2024	28/06/2024	
SE <sup>15</sup>	P1 & P2	Not Started	Not Provided	Not Provided		

**Table 8: Status of CT Mode-1 for Group B MSs – CCI P2 (Full) Scope TSS**

The above table illustrates that by the end of the reporting period, out of the 27 MSs, six (**ES, HR, LV, LT, LU, and RO**) had successfully completed CT Mode-1 for **CCI P1.1 & P1.2** according to their national plans, while in three MSs (**BE, IT and FI**), the respective activities were ongoing. It should be highlighted that **ES** demonstrated a remarkable progress, finalising the CT activities of the aforesaid Mode in less than a month. As regards Mode-1 for EIDR, recapitulative, excise and CAP goods, goods in the context of EU trade with special fiscal territories and temporary admission procedure, the CT activities in most of the MSs are planned to begin later during 2024 and be executed within 2024-2025.

**Figure 4** below depicts the related percentages of the MSs' status in **CT Mode-1 for CCI P2 (Full) Scope specifications**.

<sup>15</sup> During a bilateral meeting with **SE** on 27/05/2024, the latter provided an overview of the planned activities concerning the delivery and conformance testing for the CCI project. In particular, **SE** informed that the system will be deployed in two iterations, with the first (i.e., Standard including pre-lodged Declaration (Release for free circulation, Re-import, Inward processing and End use), excise and CAP goods, and goods in the context of trade with special fiscal territories) being finalised by 02 June 2025. The deadline for the second iteration (i.e., Simplified including pre-lodged Declaration and Supplementary Customs Declaration (regularising one simplified customs declaration), Recapitulative Supplementary Declaration, EIDR, temporary admission procedure, (Supporting documents between SCI and PCI) and Customs warehouse) would be decided at a later stage following an internal analysis. An updated NPP is anticipated by the beginning of July.

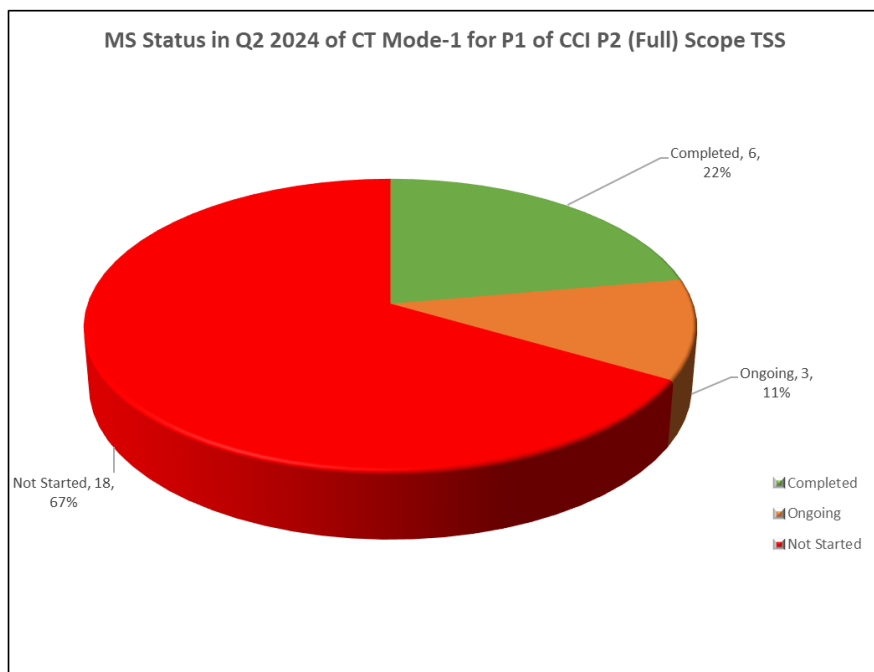


Figure 4: MS Status of CT Mode-1 for P1 of CCI P2 (Full) Scope TSS<sup>16</sup>

### 6.1.2 CT Mode-2

The subsequent tables analyse the MSs' CT progress in Mode-2. MSs that have finalised their CT activities are marked with the status '**Completed**'. When the CT activities have started and are still in progress, the status is presented as '**Ongoing**'. In addition, the MSs that have yet to begin their CT activities have a '**Not Started**' status. A '**Not Provided**' indication is shown in the case of missing dates from the MSs' NPPs. Only for **Table 9**, an 'Activities Terminated' indication is used to depict that one MS has stopped the CCI P1 activities.

**Table 9** shows the MSs' state of play for **CCI P1 CT Mode-2 (Group A)**.

Status of CT Mode-2 for Group A MSs – CCI P1					
MSs	Status	Planned CT Start Date	Planned CT End Date	Actual CT Start Date <sup>17</sup>	Actual CT End Date
BG	Completed	21/09/2023	13/10/2023	19/10/2023	06/11/2023
EE	Completed	01/11/2023	30/04/2024	28/03/2024	17/05/2024
PL	Completed	01/07/2023	20/10/2023	23/10/2023	30/11/2023
SK <sup>18</sup>	Activities Terminated	01/11/2023	31/03/2024	31/10/2023	

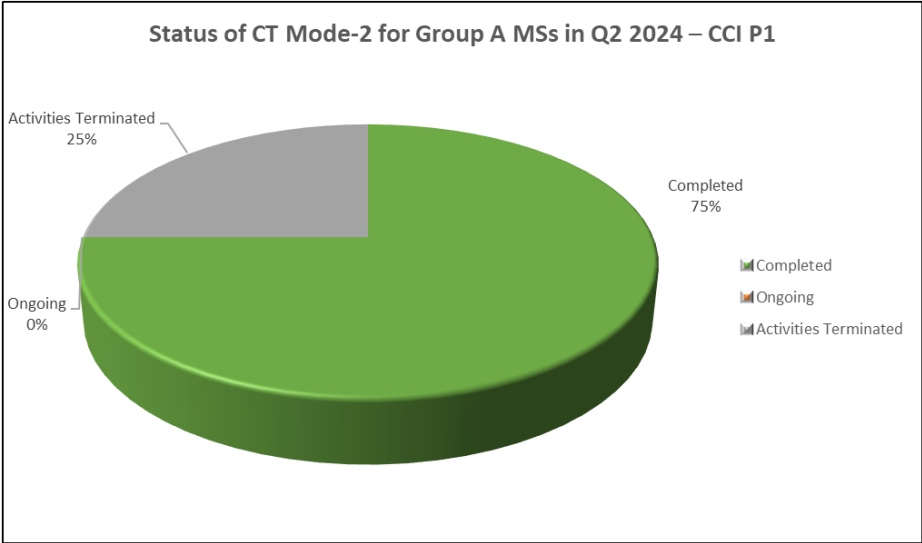
Table 9: Status of CT Mode-2 for Group A MSs – CCI P1

<sup>16</sup> It should be noted that there is no graphical representation of CT Mode-1 for P2 of CCI P2 (Full) Scope TSS in the current report, considering that no activities had been performed by 30 June 2024.

<sup>17</sup> All dates under this column concern the pre-CT activities in Mode-2.

<sup>18</sup> Despite their good progress regarding CCI P1, on 08/05/2024, **SK** communicated in writing their decision to suspend their pre-CT Mode-2 activities for CCI P1 and continue with the activities under CCI P2. To this end, **henceforth, SK will be depicted only as a Group B MS.**

The above table shows that all the (remaining) three **Group A MSs** have completed their **CT Mode-2** activities for **CCI P1**, progressing according to their national planning with minor variations in the CT end date.



**Figure 5: Status of CT Mode-2 for Group A MSs – CCI P1**

**Table 10** shows the **Group B MSs’** state of play in CT Mode-2 for **CCI P2 (Full) Scope TSS**.

MSs Status of CT Mode-2 for Group B MSs – CCI P2 (Full) Scope TSS						
MS	CCI (Full) Scope [P1 (P1.1, P1.2) & P2]	Status	Planned CT Start Date	Planned CT End Date	Actual CT Start Date <sup>19</sup>	Actual CT End Date
BE	P1	Not Started	15/02/2025	15/04/2025		
	P2	Not Started	15/02/2025	15/04/2025		
BG	P2	Not Started	08/10/2024	13/12/2024		
CZ	P1 & P2	Not Started	Not Provided	Not Provided		
DK	P1	Not Started	01/11/2024	01/12/2024		
	P2	Not Started	01/04/2025	Not Provided		
DE	P1 & P2	Not Started	13/10/2025	13/11/2025		
EE	P2	Not Started	Not Provided	Not Provided		
IE	P1 & P2	Not Started	20/11/2023	22/03/2024		
EL	P1	Not Started	01/03/2025	15/05/2025		
	P2	Not Started	01/03/2025	15/05/2025		
ES	P1.1	Completed	30/04/2024	28/05/2024	03/05/2024	27/05/2024
	P1.2 & P2	Not Started	Not Provided	Not Provided		
FR	P1 & P2	Not Started	Not Provided	Not Provided		
HR	P1.1	Ongoing	28/03/2024	31/08/2024	28/03/2024	
	P1.2 & P2	Not Started	02/01/2025	31/03/2025		
IT	P1.1	Not Started	01/07/2024	09/08/2024		
	P1.2 & P2	Not Started	26/02/2025	11/03/2025		
CY	P1	Not Started	27/03/2024	27/05/2024		

<sup>19</sup> All dates under this column concern the pre-CT activities in Mode-2.

MSs Status of CT Mode-2 for Group B MSs – CCI P2 (Full) Scope TSS						
MS	CCI (Full) Scope [P1 (P1.1, P1.2) & P2]	Status	Planned CT Start Date	Planned CT End Date	Actual CT Start Date <sup>19</sup>	Actual CT End Date
	P2	Not Started	04/11/2024	28/02/2025		
LV	P1.1.1	Completed	19/03/2024	20/06/2024	03/04/2024	20/06/2024
	P1.1.2 & P1.2	Not Started	19/08/2024	04/10/2024		
	P2	Not Started	06/12/2024	10/03/2025		
LT	P1	Completed	03/06/2024	21/06/2024	05/06/2024	28/06/2024
	P2	Not Started	03/02/2025	03/02/2025		
LU	P1.1	Completed	01/02/2024	25/04/2024	01/02/2024	27/05/2024
	P1.2 & P2	Not Started	01/01/2025	25/03/2025		
HU	P1 & P2	Not Started	01/02/2025	31/03/2025		
MT	P1	Not Started	01/11/2023	22/01/2024		
	P2	Not Started	03/02/2025	18/04/2025		
NL	P1 & P2	Not Started	01/08/2025	01/09/2025		
AT	P1.1	Not Started	20/01/2025	17/03/2025		
	P1.2 & P2	Not Started	20/01/2025	17/03/2025		
PL	P2	Not Started	01/01/2025	31/03/2025		
PT	P1	Not Started	02/09/2024	25/10/2024		
	P2	Not Started	03/03/2025	30/04/2025		
RO	P1.1	Completed	08/02/2024	14/06/2024	08/02/2024	17/06/2024
	P1.2 & P2	Not Started	22/07/2024	06/09/2024		
SI	P1	Not Started	01/10/2024	20/11/2024		
	P2	Not Started	01/01/2025	31/03/2025		
SK	P1 & P2	Not Started	01/12/2024	28/02/2025		
FI	P1 & P2	Not Started	02/12/2024	11/04/2025		
SE	P1 & P2	Not Started	Not Provided	Not Provided		

**Table 10: Status of CT Mode-2 for Group B MSs – CCI P2 (Full) Scope TSS**

As depicted in the table above, during Q2 2024, CT activities in Mode-2 were successfully completed by five MSs (**ES**, **LV**, **LT**, **LU**, and **RO**) for CCI P1.1 and P1.2. **ES** and **LT** in particular demonstrated exceptional progress, finalising the respective activities within less than a month. In addition, CT Mode-2 activities remained ongoing for **HR**. The majority of the MSs plan to start their respective CT activities after Q2 2024 or 2025.

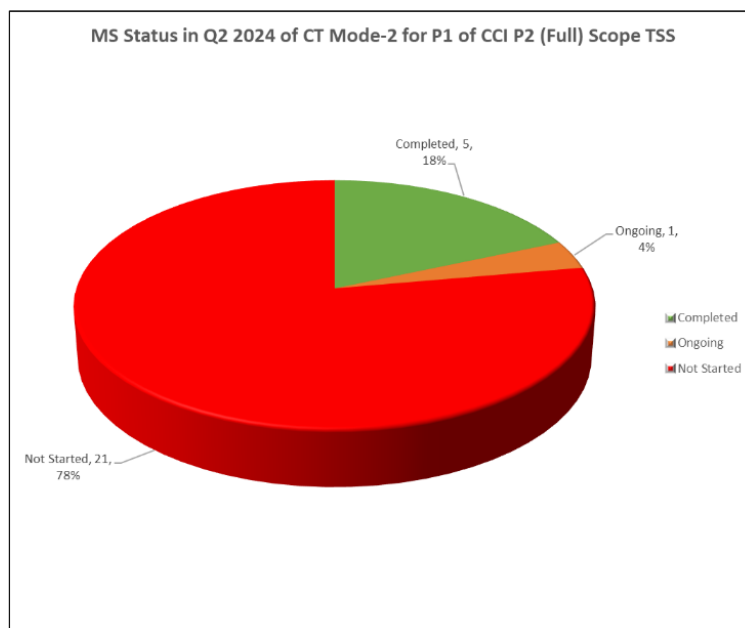


Figure 6: Status of CT Mode-2 for Group B MSs – CCI P2 (Full) Scope TSS<sup>20</sup>

### 6.1.3 CT Mode-3

Table 11 depicts the MSs' planned dates for CCI P1 CT Mode-3 (Group A).

Planned Dates for CT Mode-3 for Group A MSs – CCI P1		
MS	Planned CT Start Date	Planned CT End Date
BG	04/10/2023	16/10/2023
EE	01/05/2024	15/05/2024
PL	19/02/2024	08/04/2024

Table 11: Planned CT Mode-3 Dates for Group A MSs – CCI P1

Table 12 depicts the CCI P1 CT Mode-3 partner MSs and the state of play of the aforesaid activities (Group A).

Status and Actual CT Mode-3 Dates for Group A MSs – CCI P1			
Partner MSs	Status	Actual CT Start Date	Actual CT End Date
BG-PL	Completed	30/04/2024	23/05/2024
EE-PL	Completed	31/05/2024	18/06/2024

Table 12: Status of CT Mode-3 for Group A MSs – CCI P1

PL successfully completed the CT Mode-3 activities together with BG. Subsequently, following DG TAXUD's proposal, PL also supported the execution of CT Mode-3 with EE, considering that there was not a fourth MS using the same specifications to play the role of the latter's partner for the respective

<sup>20</sup> It should be noted that there is no graphical representation of CT Mode-2 for P2 of CCI P2 (Full) Scope TSS in the current report, considering that no activities had been performed by 30 June 2024.

activities. All **Group A MSs** successfully finalised their CT Mode-3 activities within a concise timeframe. In addition, **EE** went live on 09 June 2024 and **BG** on 20 June 2024.

**Table 13** shows the MSs' planned dates for **CT Mode-3** for **CCI P2 (Full) Scope TSS**.

<b>Planned Dates for CT Mode-3 for Group B MSs – CCI P2 (Full) Scope TSS</b>			
<b>MS</b>	<b>CCI (Full) Scope [P1 (P1.1, P1.2) &amp; P2]</b>	<b>Planned CT Start Date</b>	<b>Planned CT End Date</b>
BE	P1	15/04/2024	15/06/2024
	P2	15/04/2025	15/05/2025
BG	P2	06/01/2025	03/02/2025
CZ	P1 & P2	Not Provided	Not Provided
DK	P1	01/12/2024	31/12/2024
	P2	Not Provided	Not Provided
DE	P1 & P2	Not Provided	Not Provided
EE	P2	Not Provided	Not Provided
IE	P1 & P2	25/03/2024	26/04/2024
EL	P1	17/05/2025	31/05/2025
	P2	17/05/2025	31/05/2025
ES	P1.2 & P2	Not Provided	Not Provided
FR	P1 & P2	Not Provided	Not Provided
HR	P1.1	01/09/2024	30/09/2024
	P1.2 & P2	01/04/2025	30/04/2025
IT	P1.1	Not Provided	Not Provided
	P1.2 & P2	01/04/2025	30/04/2025
CY	P1	28/05/2024	Not Provided
	P2	03/03/2025	28/03/2025
LV	P1.1.1	21/06/2024	26/06/2024
	P1.1.2 & P1.2	07/10/2024	18/10/2024
	P2	10/03/2025	21/03/2025
LT	P1	25/06/2024	28/06/2024
	P2	05/05/2025	02/06/2025
LU	P1.1	18/06/2024	21/06/2024
	P1.2 & P2	26/03/2025	13/05/2025
HU	P1 & P2	01/04/2025	30/04/2025
MT	P1	05/02/2024	15/04/2024
	P2	21/04/2025	15/05/2025
NL	P1 & P2	01/09/2025	01/10/2025
AT	P1.1	18/03/2025	04/04/2025
	P1.2 & P2	18/03/2025	04/04/2025
PL	P2	01/04/2025	30/04/2025
PT	P1	01/10/2024	25/10/2024
	P2	02/05/2025	30/05/2025
RO	P1.1	17/06/2024	21/06/2024
	P1.2 & P2	09/09/2024	19/09/2024

Planned Dates for CT Mode-3 for Group B MSs – CCI P2 (Full) Scope TSS			
MS	CCI (Full) Scope [P1 (P1.1, P1.2) & P2]	Planned CT Start Date	Planned CT End Date
SI	P1	04/11/2024	29/11/2024
	P2	01/04/2025	30/04/2025
SK	P1 & P2	01/03/2025	30/04/2025
FI	P1 & P2	14/04/2025	09/05/2025
SE	P1 & P2	Not Provided	Not Provided

**Table 13: Planned CT Mode-3 Dates for Group B MSs – CCI P2 (Full) Scope TSS**

Table 14 depicts the CCI P2 (Full) Scope TSS CT Mode-3 partner MSs and the state of play of the aforesaid activities.

Status and Actual CT Mode-3 Dates for Group B MSs – CCI P2 (Full) Scope TSS			
Partner MSs	Status	Actual CT Start Date	Actual CT End Date
ES-LU	Completed	18/06/2024	21/06/2024
LV-RO	Completed	20/06/2024	26/06/2024

**Table 14: Status of CT Mode-3 for Group B MSs – CCI P2 (Full) Scope TSS**

The above table illustrates that four **Group B MSs** successfully finalised their CT Mode-3 activities within a concise timeframe. **ES, LV** and **RO** confirmed their readiness to enter into the CCI P1 operations using the CCI P2 (Full) Scope specifications by the legal deadline of 01 July 2024. **ES** in particular went live on 17 June 2024. In addition, **LU** informed that due to an internal issue in a connected system requiring additional upgrades, their go-live date would be on 08 July 2024. The remaining **Group B MSs** had not initiated their CT Mode-3 activities by the end of the reporting period.

#### 6.1.4 CT Mode-3+

It should be noted that by the time of the creation of this Quarterly Report, only ten MSs (**EL, HR, CY, LT, HU, MT, NL, AT, PT,** and **SI**) have decided to execute CT activities in Mode-3+ and have provided the provisional CT start and end dates. The majority of the MSs did not provide dates for CT activities in the aforesaid mode, while an ‘N/A’ indication was provided by five MSs (**DK, EE, IE, SK,** and **FI**) that have decided not to perform activities for CT Mode-3+.

Table 15 presents the MSs’ state of play for CCI P1 CT Mode- 3+ (Group A).

Status of CT Mode-3+ for Group A MSs – CCI P1					
MS	Status	Planned CT Start Date	Planned CT End Date	Actual CT Start Date	Actual CT End Date
BG	Not Started	Not Provided	Not Provided		
EE	N/A	N/A	N/A		
PL	Not Started	Not Provided	Not Provided		

**Table 15: Status of CT Mode-3+ for Group A MSs – CCI P1**

It should be noted that based on the latest NPPs, **BG** and **PL** had not provided any dates for CT Mode-3+ activities, while **EE** reported that the aforesaid Mode is not applicable.

**Table 16** presents the **Group B MSs'** state of play for CT Mode-3+ for **CCI P2 (Full) Scope TSS**.

Status of CT Mode-3+ for Group B MSs– CCI P2 (Full) Scope TSS						
MS	CCI (Full) Scope [P1 (P1.1, P1.2) & P2]	Status	Planned CT Start Date	Planned CT End Date	Actual CT Start Date	Actual CT End Date
BE	P1	Not Started	Not Provided	Not Provided		
	P2	Not Started	Not Provided	Not Provided		
BG	P1 & P2	Not Started	Not Provided	Not Provided		
CZ	P1 & P2	Not Started	Not Provided	Not Provided		
DK	P1	N/A	N/A	N/A		
	P2	N/A	N/A	N/A		
DE	P1 & P2	Not Started	Not Provided	Not Provided		
EE	P1 & P2	N/A	N/A	N/A		
IE	P1 & P2	N/A	N/A	N/A		
EL	P1	Not Started	17/05/2025	31/05/2025		
	P2	Not Started	17/05/2025	31/05/2025		
ES	P1.1	Not Started	Not Provided	Not Provided		
	P1.2 & P2	Not Started	Not Provided	Not Provided		
FR	P1 & P2	Not Started	Not Provided	Not Provided		
HR	P1.1	Not Started	Not Provided	Not Provided		
	P1.2 & P2	Not Started	02/05/2025	30/05/2025		
IT	P1.1	Not Started	Not Provided	Not Provided		
	P1.2 & P2	Not Started	Not Provided	Not Provided		
CY	P1	Not Started	Not Provided	10/06/2024		
	P2	Not Started	31/03/2025	16/05/2025		
LV	P1.1.1	Not Started	Not Provided	Not Provided		
	P1.1.2 & P1.2	Not Started	Not Provided	Not Provided		
	P2	Not Started	Not Provided	Not Provided		
LT	P1	Not Started	Not Provided	Not Provided		
	P2	Not Started	05/05/2025	02/06/2025		
LU	P1.1	Not Started	Not Provided	Not Provided		
	P1.2 & P2	Not Started	Not Provided	Not Provided		
HU	P1 & P2	Not Started	01/05/2025	15/05/2025		
MT	P1	Not Started	01/03/2024	20/05/2024		
	P2	Not Started	21/04/2025	15/05/2025		
NL	P1 & P2	Not Started	01/09/2025	01/10/2025		
AT	P1.1	Not Started	07/04/2025	25/04/2025		
	P1.2 & P2	Not Started	07/04/2025	25/04/2025		
PL	P1 & P2	Not Started	Not Provided	Not Provided		
PT	P1	Not Started	01/11/2024	29/11/2024		
	P2	Not Started	02/05/2025	30/05/2025		
RO	P1.1	Not Started	Not Provided	Not Provided		

Status of CT Mode-3+ for Group B MSs – CCI P2 (Full) Scope TSS						
MS	CCI (Full) Scope [P1 (P1.1, P1.2) & P2]	Status	Planned CT Start Date	Planned CT End Date	Actual CT Start Date	Actual CT End Date
	P1.2 & P2	Not Started	Not Provided	Not Provided		
SI	P1	Not Started	18/11/2024	29/11/2024		
	P2	Not Started	01/04/2025	30/04/2025		
SK	P1 & P2	N/A	N/A	N/A		
FI	P1 & P2	N/A	N/A	N/A		
SE	P1 & P2	Not Started	Not Provided	Not Provided		

**Table 16: Status of CT Mode-3+ for Group B MSs – CCI P2 (Full) Scope TSS**

### 6.1.5 Frequent issues faced by MSs

During the CT in the reporting period, some MSs encountered procedural and technical issues that hampered the successful initiation and execution of the testing modes within the deadlines of their initial planning.

Such issues ranged from executing the necessary steps to create user accounts in CTA to correctly defining and registering the WSDL files in the conformance environment. Regarding the latter, it was frequently observed that the WSDL packages provided by the MSs in the relevant SMT tickets or via e-mail exchanges were incomplete or did not adhere to the required specifications. It should also be noted that there were a few occurrences where the WSDL files had been constructed and registered successfully; however, the isAlive test failed for other reasons, such as the unavailability of the services when the test was performed.

Another frequent issue encountered by the MSs who started CT activities during the reporting period was the erroneous construction of the CCN2 headers in the first submitted messages. Since the CTA application validates the request based on these headers, CTA will reject such requests if the relevant information is absent. In order to resolve these issues, numerous interactions had to occur amongst the involved parties, primarily the MS and the AM CCN2 Team, resulting in a significant delay in the start of the CT activities.

To further support the MSs, DG TAXUD, via concrete tools/platforms and functionalities, has accelerated and streamlined the reporting of the issues encountered. Accordingly, during the CT activities of each MS, a particular naming convention is applied to make the matters easily traceable by all contracting parties. However, it was observed that during the CT activities, a significant number of the MSs' TC executions concluded with a 'partially passed' result. According to the agreed procedure, all 'partially passed' TCs should be thoroughly investigated to decide whether corrections are needed on the side of the MS. This process requires the involvement and coordination between several parties, including the MS itself, ITSM3-TES, SOFT-DEV, as well as DG TAXUD CCI CPT, with the ultimate goal to confirm whether the CT execution should be considered as 'passed' or 'failed'. This procedure was hindered in several instances due to the use of different communication channels. In particular, there were several occurrences where an MS initially registered a ticket via the Synergia SMT platform but then provided additional information on the issue under analysis via an e-mail that was not addressed to all the involved parties. As such, all information could not be found in a single source to which all interested parties had access. For this reason, **MSs are strongly encouraged to register tickets and provide all required information in SMT so that all interested parties can immediately access the information.**

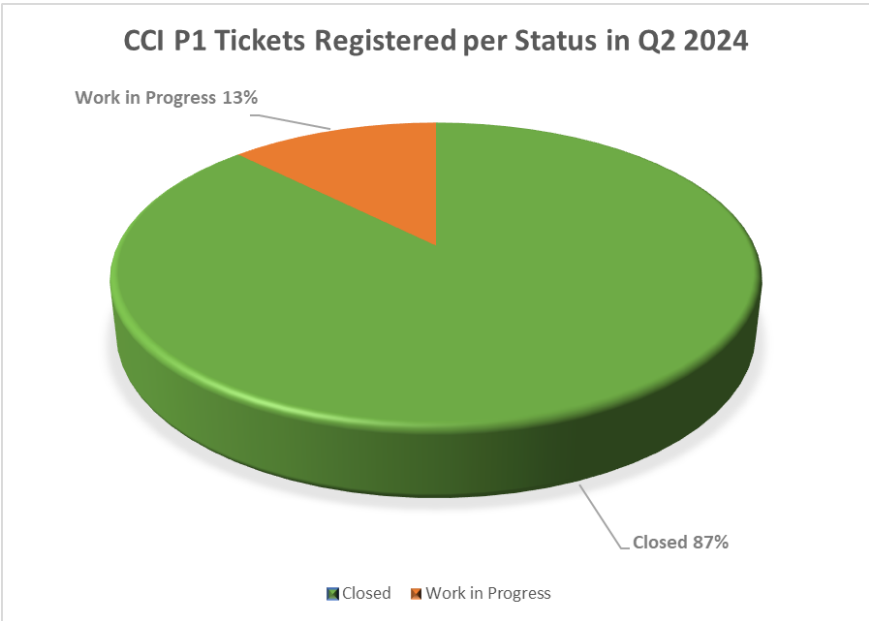
In addition, throughout Q2 2024, DG TAXUD, along with the contractors, supported each MS individually to mitigate the technical risks and ensure a seamless testing experience. On this basis,

several bilateral meetings with the MSs took place with the aim of providing answers and clarifications to crucial inquiries and agreeing on a concrete plan for the resolution of any detected issues. On the same basis, the time required for DG TAXUD and SOFT-DEV CCI to update the TRP to fix the identified problems was lowered to approximately two weeks.

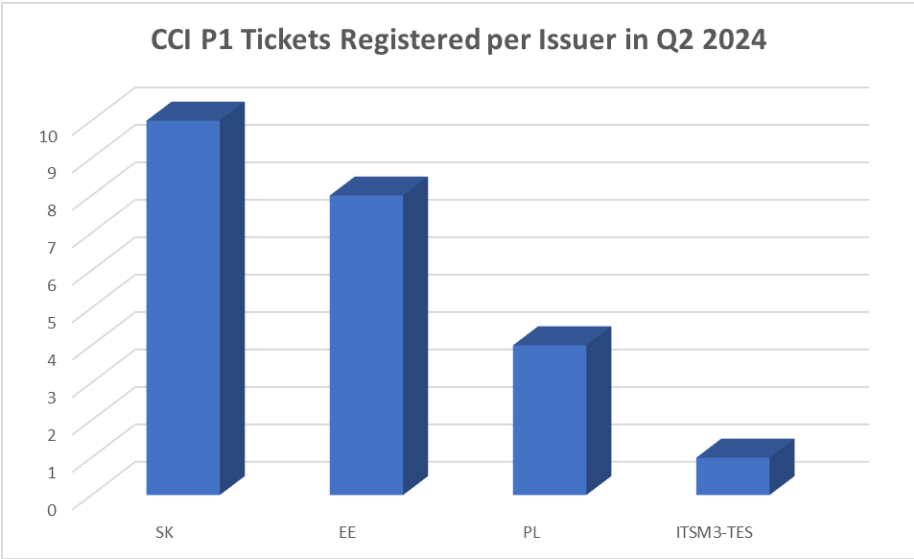
**6.1.6 SMT Tickets raised during Q2 2024**

**6.1.6.1 CCI P1**

Throughout the reporting period, a total 24 tickets were registered in SMT for CCI P1. Out of these tickets, only three were still under internal analysis by the end of June 2024. The remaining 21 were successfully resolved, as depicted in the below figure.



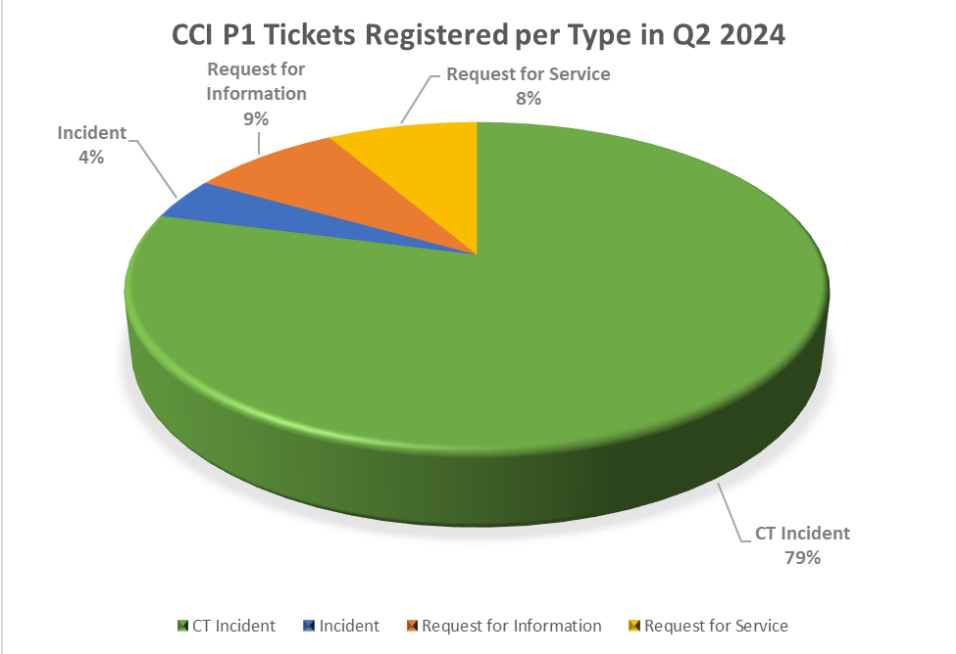
**Figure 7: CCI P1 Tickets Registered per Status in Q2 2024**



**Figure 8: CCI P1 Tickets Registered per Issuer in Q2 2024**

Based on the above figure, ten tickets were registered by SK, eight by EE, and four by PL, while one ticket was opened by ITSM3-TES.

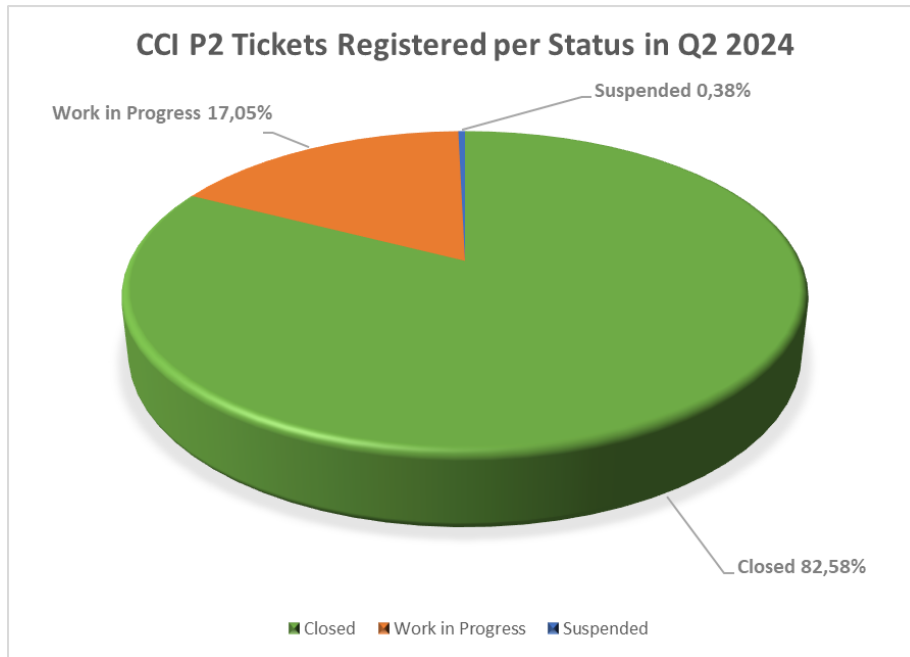
In addition, as regards the category of incidents, there were 19 CT incidents registered, one incident, two requests for information, and two requests for service, as per **Figure 8**.



**Figure 9: CCI P1 Tickets Registered per Type in Q2 2024**

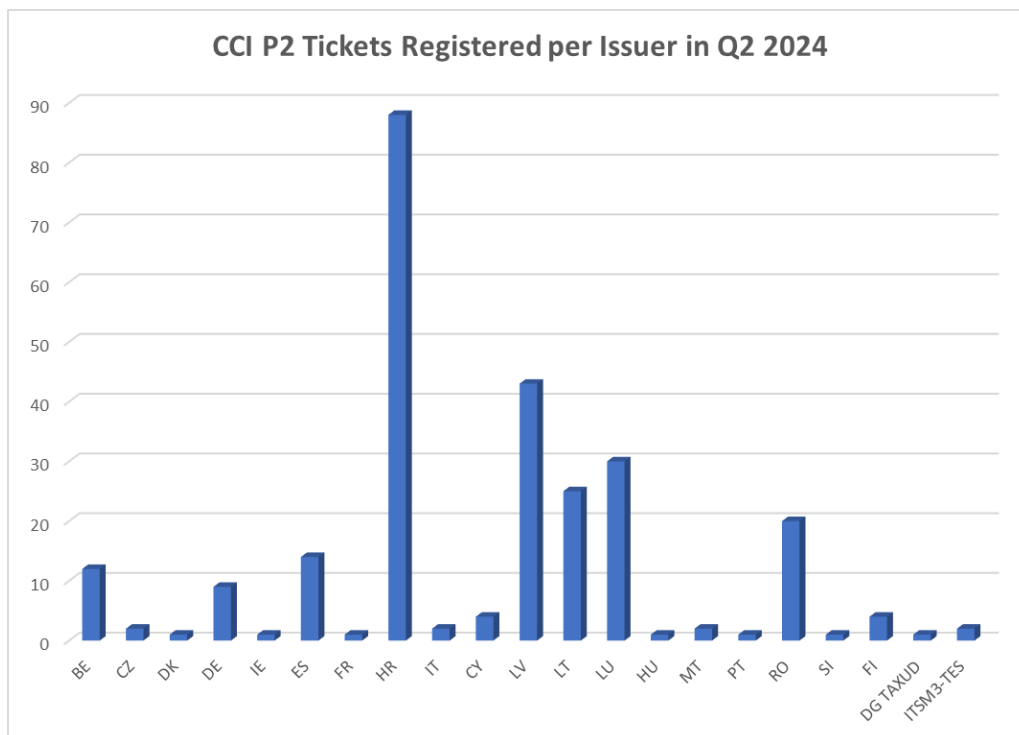
**6.1.6.2 CCI P2**

During Q2 2024, 264 tickets were registered in SMT for CCI P2. Out of these tickets, 45 were under internal analysis by the end of June 2024. The remaining 218 were successfully resolved with the exception of one ticket that was suspended.



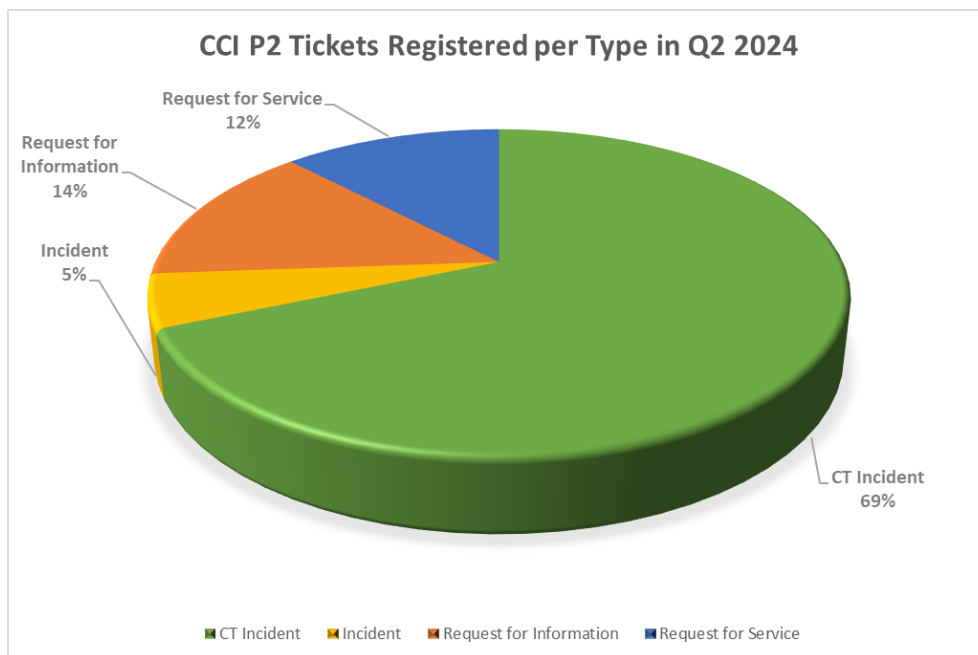
**Figure 10: CCI P2 Tickets Registered per Status in Q2 2024**

In particular, the number of CCI P2 tickets registered per MS can be shown in **Figure** below.



**Figure 11: CCI P2 Tickets Registered per Issuer in Q2 2024**

In addition, as regards the category of incidents, there were 181 CT incidents, 14 incidents, 37 requests for information, and 32 requests for service registered during the reporting period.



**Figure 12: CCI P2 Tickets Registered per Type in Q2 2024**

## 7 RISK ANALYSIS

### 7.1 POSSIBLE RISKS

During the CT activities in Q2 2024, several risks were flagged concerning missing or not up-to-date information from the MSs' NPPs. This increased the difficulty of the Commission's endeavour to duly support, coordinate and monitor the MSs' progress to ensure timely implementation of the CCI system. On the same basis, some MSs failed to follow their initial planning activities and timely communicate any issues faced concerning their CT. The lack of MS data amplified the complexity of addressing implementation delays at an early stage by undertaking concrete actions based on each situation. Moreover, it was observed that several MSs reported that they would be ready for CCI operations close to the cut-off date for the deployment of the complete CCI system, leaving a minimal window for any changes and planning slippage. Additional risks included the lower priority given to CCI in comparison to other projects due to short deadlines.

### 7.2 RISK MITIGATION MEASURES

During the reporting period, several actions were carried out to mitigate the potential predetermined risks and safeguard the timely deployment of the CCI system. Initially, regular reminders were sent to NAs to submit, confirm, or update their NPPs. In addition, daily monitoring of the NAs' development activities took place by DG TAXUD and ITSM3-TES, while assistance was provided where needed. It should be especially noted that DG TAXUD exhibited great flexibility in the planning and execution of the MSs' testing activities by dividing the CT scope into two distinct phases, which could further be divided into iterations. As a result, in cooperation with DG TAXUD, the MSs were given the possibility to craft a customised NPP to accommodate their national needs, resources, and time constraints, thus increasing the possibility of adhering to the required deadlines. DG TAXUD followed this approach in the preliminary stages and during the entire CT activity run, closely monitoring each MS's progress. In cases where an MS faced difficulties or obstacles that could endanger their on-time deliveries, DG TAXUD was open to carefully reevaluating and reworking the original plan.

## 8 THE CT ACTIVITIES PROGRAMME

### 8.1 CONFERENCE MEETINGS WITH THE MSS

DG TAXUD provides integrated E2E support to each NA, from specifications and development through connectivity, CT Mode-1, Mode-2, and Mode-3, to entry in operation.

The follow-up of each NA is divided into three consecutive phases: **the Grooming phase**, with monthly meetings until the start of connectivity and CT Mode-1; **the CT phase**, with weekly or biweekly meetings; and the **Deployment phase**, with bi-weekly meetings.

- *Grooming phase*

To support the advancement of the deployment of the CCI system, DG TAXUD initiated a Grooming NAs Programme for CT Campaign organisation and execution. On this basis, monthly bilateral grooming meetings with NAs are held to explain to the latter the necessary steps for the connectivity activities and testing, discuss any identified issues or inquiries, and share information on the planned CCI-related activities and the status of the milestones included in the NPPs. Feedback sessions are also organised for NAs that have executed CT activities.

- *CT phase*

Following the finalisation of the CCI TSS, the focus has been shifted to the CT activities currently being conducted by the MSs.

DG TAXUD provides CT scopes tailored to each NA before the start of Mode-1, Mode-2 and Mode-3. In addition, for the MSs in CT, DG TAXUD constantly follows up on the ongoing activities and provides support towards any raised issues, coordinating all tickets and providing support for requests/delivery, and all necessary ad hoc support.

Additional information on the CT activities and CT Modes can be found in [Annex 4](#).

- *Deployment phase*

DG TAXUD provides a detailed Operational Plan to each MS more than three months before the latter enters into operation. The plan includes 84 different action points and covers Organisational activities, National Development activities, Conformance Testing preparation activities, Conformance Testing action points, and Operational activities. The Operational Plan starts with the definition of the National Help Desk and concludes with the entry into operation and the extended support and business monitoring to be provided during the first days of operations.

DG TAXUD currently holds several monthly technical/operational meetings to cover the Grooming, CT and Deployment phases per MS. The purpose of the aforesaid meetings is to discuss and follow up on the ongoing activities and plans pertinent to the deployment of the CCI system, provide support towards any raised issues, and encourage the participants to take all the necessary steps to comply with the legal deadlines set by the UCC WP 2023. The above-mentioned support includes planning and monitoring of the progress, training, connectivity setup, technical support at all stages of the lifecycle of the NA, coordination of all tickets and support requests/delivery, and all necessary ad hoc support.

Throughout the reporting period, DG TAXUD organised several conference meetings with the MSs. In particular, as depicted in **Table** , during Q2 2024, the total number of grooming meetings held was **two**, while the kick-off meetings were **12**, **three** of which were related to CT Mode-3 activities<sup>21</sup>. In addition,

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<sup>21</sup> During Q2 2024, CT Mode-3 activities started for the following group of MSs: (a) BG and PL, (b) EE and PL, (c) ES and LU, and LV and RO. Due to time constraints, CT Mode-3 for EE and PL was initiated by an email notification on 29/05/2024.

the total number of status meetings accounted for **42**. **15** closure meetings also took place, out of which **four** signaled the successful completion of CT Mode-3 activities. Moreover, to further support the MSs and closely monitor the timely finalisation of the organisational, conformance and operational activities in view of the deadline of 01 July 2024, the number of deployment meetings was highly increased throughout Q2 2024. On this basis, **46** deployment meetings occurred by the end of June 2024. Lastly, **four** ad-hoc and **one** PG meeting were held. The objective of the former was to discuss the state of play and future CCI activities of the MSs, any potential challenges hindering their progress, and necessary updates of the NPPs.

<b>Conference meetings organised with MSs during Q2 2024</b>		
<b>Type</b>	<b>MS</b>	<b>Date</b>
<b>Grooming Meeting</b>		
	IT	17/05/2024
	IE	27/06/2024
<b>Kick-off Meetings</b>		
	ES	08/04/2024
	LU	19/04/2024
	BG-PL	30/04/2024
	RO	08/05/2024
	LT	05/06/2024
	ES-LU	11/06/2024
	LV-RO	20/06/2024
	IT	20/06/2024
	LT	26/06/2024
	HR	26/06/2024
	CY	27/06/2024
	FI	28/06/2024
<b>Status Meetings</b>		
	RO	04/04/2024
	SK	04/04/2024
	HR	09/04/2024
	BE	09/04/2024
	LU	10/04/2024
	LU	17/04/2024
	LV	17/04/2024
	LT	17/04/2024
	RO	18/04/2024
	SK	18/04/2024
	ES	22/04/2024
	HR	23/04/2024
	BE	23/04/2024
	LU	26/04/2024
	RO	30/04/2024
	LV	30/04/2024
	LT	30/04/2024
	SK	02/05/2024
	ES	08/05/2024
	HR	13/05/2024
	EE	13/05/2024
	LT	13/05/2024

	BG-PL	14/05/2024
	BE	14/05/2024
	RO	15/05/2024
	BG-PL	16/05/2024
	LT	27/05/2024
	RO	29/05/2024
	HR	03/06/2024
	LV	04/06/2024
	EE-PL	07/06/2024
	LT	10/06/2024
	EE-PL	11/06/2024
	BE	11/06/2024
	LV	12/06/2024
	RO	12/06/2024
	LT	14/06/2024
	LV	17/06/2024
	LV	20/06/2024
	LT	21/06/2024
	LT <sup>22</sup>	25/06/2024
<b>Closure Meetings</b>		
	LV	03/04/2024
	LU	19/04/2024
	RO	08/05/2024
	BG-PL	27/05/2024
	ES	29/05/2024
	EE	29/05/2024
	LU	03/06/2024
	LT	05/06/2024
	RO	17/06/2024
	LV	20/06/2024
	EE-PL	21/06/2024
	LT	26/06/2024
	HR	26/06/2024
	ES-LU	28/06/2024
	LT	28/06/2024
	LV-RO	28/06/2024
<b>Deployment Meetings</b>		
	EE	05/04/2024
	EE	19/04/2024
	BG	24/04/2024
	PL	25/04/2024
	EE	08/05/2024
	RO	08/05/2024
	BG	10/05/2024
	PL	13/05/2024
	LV	15/05/2024
	EE	16/05/2024
	LU	16/05/2024

<sup>22</sup> Given that LT concluded the Actual CT Mode-2 within a very short timeframe, showing remarkable progress, no status meeting needed to be held under the aforesaid Mode.

	RO	21/05/2024
	EE	23/05/2024
	ES	23/05/2024
	PL	24/05/2024
	LU	27/05/2024
	RO	29/05/2024
	HR	03/06/2024
	LU	03/06/2024
	PL	03/06/2024
	EE	04/06/2024
	LV	04/06/2024
	BG	05/06/2024
	ES	05/06/2024
	EE	07/06/2024
	RO	10/06/2024
	LU	10/06/2024
	PL	11/06/2024
	BG	12/06/2024
	LV	13/06/2024
	PL	13/06/2024
	ES	14/06/2024
	LU	17/06/2024
	LT	17/06/2024
	HR	18/06/2024
	BG	19/06/2024
	RO	20/06/2024
	PL	21/06/2024
	LV	21/06/2024
	LT	25/06/2024
	ES	25/06/2024
	LU	26/06/2024
	RO	26/06/2024
	PL	26/06/2024
	LV	26/06/2024
	LT	28/06/2024
Ad-hoc Meetings		
	FR	15/05/2024
	CY	22/05/2024
	EL	23/05/2024
	SE	27/05/2024
PG Meetings		
	-	30-31/05/2024

**Table 17: Conference meetings organised with MSs during Q1 2024**

## 8.2 TRAINING FOR THE MSS

To further support the initiation and progress of the CCI CT activities, DG TAXUD organises CTA and CS/MIS2 online training sessions. During the reported period, no online trainings were held<sup>23</sup>.

<sup>23</sup> The following trainings were held throughout 2023:

Training Topic	Date	Participating MSs
-	-	-

**Table 18: Trainings provided to MSs during Q2 2024**

- 
1. Q1 2023: CCI P1 - CTA training for EE, MT and RO
  2. Q2 2023: CCI P1 - CTA training for BG, PL and SK  
CCI P2 - CTA Training for BE, LT, RO, LV, and HR
  3. Q3 2023: CCI P2 - CTA Training for CY, HU, LT, MT, and SI
  4. Q4 2023: CCI P2 - CTA Training for HR, LU and PT  
CCI P1 - CS/MIS2 Training for EE, BG, PL, and SK

### 8.3 CONCLUSIONS

Over the course of Q2 2024, eight MSs (**BG, EE, ES, LV, LT, LU, PL, and RO**) **successfully finalised their CT Mode-3 activities for CCI P1 within a concise timeframe, confirming their readiness to enter CCI P1 operations by the legal deadline and demonstrating exceptional cooperation.** Only **LU** informed that due to an internal issue in a connected system requiring additional upgrades, their go-live date would be delayed shortly to 08 July 2024. Nonetheless, despite the remarkable progress for the aforesaid MSs, the connectivity activities and CT Campaign had not been initiated at all by six MSs (**DK, EL, FR, NL, AT, and SE**), while the activities of the remaining MSs continued progressing at a stable pace. In addition, five MSs (**CZ, DE, IE, NL, and SK**) are not expected to meet the deadline for the deployment of the entire CCI system by the end of the deployment period on 02 June 2025. To this end, **MSs are strongly advised to exert all efforts and set a foremost promptly to start or advance the development of the CCI system.**

In addition, according to the provided NPPs, the majority of the MSs are planning to begin with their CT activities during the subsequent quarters of 2024 or 2025 and have reported that they will meet the CCI P2 (Full) Scope legal deadline for set out in UCC WP and the MASP-C Revision 2023. Nonetheless, several MSs have yet to provide or update their NPPs to include complete and up-to-date information. On this basis, a more precise conclusion will be drawn once all NPPs have been received and/or updated. In addition, it should be noted that a **potential risk against meeting the legal CCI P2 (Full) Scope deadline can be identified**, considering the estimated duration of the different CT Modes and MSs' short planned timeframe for completing their respective CT activities. Hence, MSs are strongly advised to exert all efforts and meet their national deployment deadlines.

To maintain a high level of transparency on the CT progress, during the reporting period, DG TAXUD, along with the contractors, continued the monitoring activities of the NAs' project plans for the UCC CCI system and launched several [meetings](#) with NAs to discuss the latter's CT progress and challenges, analyse national CT practices, and provide assistance where needed. In addition, DG TAXUD will continue to be available to provide clarifications and answers to any questions or issues identified and raised by MSs.

## 9 ANNEXES

### ANNEX 1: ACS ANNEX

The final scope of the CT can be found in the following link:

- CT Final Scope for CCI-P1

<https://circabc.europa.eu/ui/group/b8247b4b-1208-4766-a9eb-d185643c49f3/library/9a4b6071-8f97-4ac9-8165-405fb62c629f/details>

- CT Final Scope for CCI-P2

[https://circabc.europa.eu/ui/group/b8247b4b-1208-4766-a9eb-d185643c49f3/library/c997d618-8f11-4fb9-b559-2374f37222d5?p=1&n=10&sort=modified\\_DESC](https://circabc.europa.eu/ui/group/b8247b4b-1208-4766-a9eb-d185643c49f3/library/c997d618-8f11-4fb9-b559-2374f37222d5?p=1&n=10&sort=modified_DESC)

### ANNEX 2: CCN2 CONNECTIVITY PROCEDURE FOR CCI P2 (FULL) SCOPE

The WSDL Templates for CCI P2 (Full) Scope can be found in [CCI P2 TSC](#). Instructions on how to update the WSDL templates can be found in Paragraph ‘VII.7.1 Partner Concrete WSDL Templates’ of [DDCOM for CCN2 enabled systems](#) for CCI P2.

In addition, the CCN2 Integration Manual (§4.7 CCN2 Security Model) and CCN2 documentation is found in the [CCN2 PICS group](#). The Local CCN2 administrator of each NA should have access to the CCN2 PICS documents.

Next, the NA must create a technical user to access the S2S Web Services through the CCN2ng Oracle Identity Manager to assign to the user two roles and register three WSDLs:

- CCN2 User Roles
  - CCN2.Role.CCI.Presentation
  - CCN2.Role.CCI.Supervising

For the creation of the Roles above, a request can be made to the CCN2 Local Administrator or via SMT.

- WSDLs Registration in CCN2
  - WSDL for SCI service
    - SDEV-TSC for CCI P2 (Full) Scope 1.0.1\CCI-TSC\BusinessActivityService\CCI\SupervisingCustomsOfficeBAS\V2\
  - WSDL for PCI service
    - SDEV-TSC for CCI P2 (Full) Scope 1.0.1\CCI-TSC\BusinessActivityService\CCI\PresentationCustomsOfficeBAS\V2\
  - WSDL Acknowledgement service
    - SDEV-TSC for CCI P2 (Full) Scope 1.0.1\CCI-TSC\CCN2ServiceContracts\CCN2.Service.Platform.AcknowledgementService.wsdl

The partner name/destination should be set to:

- CCN2.Partner.FR.Customs.TAXUD/CCI.CTA.CONF

The required CCN2 User roles can be registered either by the CCN2 Local Administrator or via an SMT request. In order to register an SMT request, the following options are available:

- send an e-mail to [support@itsmtaxud.europa.eu](mailto:support@itsmtaxud.europa.eu) with the following e-mail title:  
Service Name: **CT-[CCI P2 CONF]-NA-XX-WSDL registration**
- or via a new Interaction in the SMT portal (<https://itsmtaxud.europa.eu/smt/>) by selecting ‘Service Desk’, then ‘Register New Interaction’ and then selecting service: **CCI P2 CONF**

The required WSDLs can be registered via an SMT request in a manner similar to the one above.

### ANNEX 3: CTA CONNECTIVITY PROCEDURE FOR CCI P2 (FULL) SCOPE

In order to register users for CTA, the User Access Management Form needs to be filled out and approved by the NPM (National Project Manager). The steps to fill in the form are the following:

- Access the link: <https://itsmtaxud.europa.eu>;
- Select 'User Access Management Forms';
- Select 'Synergia User Management Form';

Note: Under the same path find a 'Guide for completing the user registration form'.

- In the 'Synergia User Management Form':
  - In the Business Thread field, tick the box next to 'Customs';
  - In the CTA field:
    - Tick the box next to 'CCI P2'.
    - Next to it, if the user has a CCN account, insert the username; if not, leave it empty.
  - Fill in the form and request approval from NPM.

Submit the filled form together with the approval to [support@itsmtaxud.europa.eu](mailto:support@itsmtaxud.europa.eu).

## ANNEX 4: DESCRIPTION OF THE CT ACTIVITIES AND CT MODES

CTs are organised based on the MSs' needs during the deployment window. The CT completion and the subsequent NCA certification for the tested functionalities are compulsory and vital to the successful implementation of the CCI project initiative, providing the necessary level of assurance to the collaborating parties that the new national application is ready to enter into operation without causing significant business disruption. The CT Campaign aims to test whether the NCA of the NAs is compliant with the UCC, particularly DDCOM [R11] and DDNCA [R12] [R13]. NAs should demonstrate their conformity to the technical specifications through CT to ensure compliance with the legal and business requirements.

The CT environment aims to be identical to the actual operational environment and consists of the NCA, which shall be connected to the CTA through CCN2. CTA is a dedicated test application utilised for executing predefined scenarios with predefined test data and the automated verification of the outcome of those scenarios against the expected result. It can play the role of any NA and simulate any NCA message. CTA offers the NA operator a web interface to monitor and interact with the execution of test cases, agree on the outcome of each test case, monitor the CT Campaign, and handle the national deviations. CTA shall be able to play multiple roles in customs offices in one instance and impersonate as many NAs as are likely to appear in a business scenario in actual operations, meaning that the corresponding number of incoming Web Services for CCN2 shall be available. DG TAXUD allows MSs to continue using CTA during their CCI development process to check what has already been developed against CTA, thus assisting MSs in deploying more accelerated and efficiently.

Given that CCI will follow a distributed approach, NAs should perform CT activities after developing their NCA to ensure that the latter is compliant with the CCI TSS and can interoperate effectively with other NCAs in the Common Domain. NAs should perform a list of national test scenarios to demonstrate the NCA's readiness to enter operations. After successfully executing the CT activities, the NCA is ready to enter the operation in the Common Domain. Similar to other TES, to ease the process of the CT for CCI and accelerate the procedures, ensuring successful finalisation of the activities, the testing is organised in 'modes'<sup>24</sup> based on the levels of sophistication and the number of participating actors. During the NCA development cycle, the test modes are performed in sequence.

- ***Mode-1 (National Compliance Testing)***

CT Mode-1 concerns the system testing where all functionalities of the NCA, as well as the interface with the CCN2, are tested either with the use of a local, national testing tool or the Central Testing Tool (i.e., CTA) of DG TAXUD. In the first case, NAs can use the loop-back facility of the CCN2 endpoint, which allows rigorous interface testing without passing messages through the Common Domain network. In the second case, the conformance environment acts as a playground environment, offering the possibility for self-service tests with CTA. Emphasis shall be placed on syntactic validation (XSD), database transactions, and functional testing.

The completion of Mode-1 is a national responsibility and is achieved using nationally defined tests based on the national experience and common cases in operations and National Test Scenarios that are included in the ACS Annexes. Executing at least one test per business process and 20% of the exception handling tests is recommended to ensure that the NCA has an acceptable quality level before starting the official CT. The testing log files from Mode-1 should be available upon request to demonstrate that the testing activity has been performed successfully. In addition, the connectivity with CCN2 and CTA

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<sup>24</sup> A mode is the term used to distinguish levels of sophistication and the number of actors participating in the test.

is a precondition for executing the Mode-1 testing. The estimated duration of the aforesaid mode is one month.

- **Mode-2 (Conformance Testing)**

CT Mode-2 allows the complete testing of the NCA using the Central Test Application over the CCN2 for the Common Domain exchanges, national testing tools, and means for the External and National Domain (self-certification). It stimulates the production operations and is expected to reveal any shortcomings of the application in handling the Common Domain Protocol, as defined in the TSS or its supporting components (i.e., CCN2). NAs should undergo the relevant set of mandatory tests specified in the ACS CCI P1 and ACS CCI P2 (Full) Scope.

Mode-2 CT is performed in two sub-phases; namely, Mode-2 pre-CT, whereby every test scenario in the agreed test scope is executed at least once, and its latest execution must be successful, and Mode-2 official CT, whereby every test scenario is executed only once, and its execution must be successful. The completion of the Mode-1 CT is a prerequisite for accepting that the NCA can start the Mode-2 CT. Moreover, the Common Domain exchanges are performed between the NCA under test and the centrally deployed CTA. The estimated duration of Mode-2 is two to three months.

- **Mode-3 (International Testing)**

CT Mode-3 simulates the operational reality and provides additional assurance of interoperability across the Common Domain. In this mode, NAs test their NCA by exchanging messages with another NCA (in test configuration). No dedicated testing tool is used in this testing mode, as the actual NCA tests the interoperability between their respective applications. The CPT coordinates the activities between two or more countries and assists them in the analysis and diagnosis of Problem Statements. CT Mode-3 is mandatory, and the scenarios used are agreed upon with DG TAXUD depending on the business needs of the involved MSs. Furthermore, it should be ensured that the responsibility for executing this testing mode should fall equally on all involved MSs. The CTP shall evaluate its outcome before the NCA is accepted to enter the operations. The estimated duration of Mode-3 is less than one month.

- **Mode-3+ (Extended Mode)**

CT Mode-3+ is an extension of CT Mode-3. In particular, it concerns actual E2E testing, which further involves real traders' test systems. This additional scope is strongly recommended and should be performed in close collaboration with the traders to organise a joint activity and consult the latter for the nationally defined tests involving the External Domain, while if it is decided to be executed by the MSs, it is recommended to be performed together with CT Mode-3. The estimated duration of Mode-3+ is one month.

It is recommended that the tests be executed based on the optionality (i.e., first mandatory and then other optional scenarios on request of the NA). The optionality is related to the business risk in case of test failure. NAs shall fulfil concrete preconditions to be eligible to submit their NCA for CT. The CPT authority will assess the evidence the NAs provided and qualify or disqualify a specific NA for CT. As a general rule, the execution of each test is independent of the others. They only depend on their input data and the preconditions.