



# Peppol

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## Peppol Service Provider Community Meeting

March 28th 2023

[www.peppol.org](http://www.peppol.org)

Peppol is owned by OpenPeppol AISBL

# Agenda

1. MC News
2. General Assembly meeting
3. France PoC update
4. EESPA Incubation Chapter update
5. eDec update
6. PoAcc update
7. AoB

# MC News

Membership as end of 2022

## Key membership indicators

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18

Countries with  
Peppol Authorities

42

Countries with  
OpenPeppol members

505

Total number of  
OpenPeppol members

# Incoming and Outgoing Members per country YTD

Incoming Members		
Country		Number of Incoming
1	France	5
2	Japan	3
3	Denmark	2
4	Germany	2
5	Luxembourg	2
6	Greece	1
7	Italy	1
8	New Zealand	1
9	Norway	1
10	Spain	1
		<b>19</b>

Outgoing Members		
Country		Number of Outgoing
1	Italy	3
2	Australia	1
3	Denmark	1
4	Germany	1
5	Netherlands	1
6	Singapore	1
7	Sweden	1
8	Turkey	1
9	USA	1
		<b>11</b>

# Market development update

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- **Portugal**
  - Positive call with President of eSPAP and several of his colleagues
  - Confirmed that they are ready to re-engage with OpenPeppol
  - Agreed they will address all outstanding issues (agreements and fees)
- **South Korea**
  - Minister of Trade has established a working group for cross-border eInvoicing
  - Positive call with KTNET (they are advising the Minister of Trade)
  - Expected to propose Peppol as solution and want to include customs documents
- **UK**
  - Introductory call held with Revenue and Customs Agency – they are keen to remain engaged
  - Input provided to Department of Business and Trade round table on use of technology to support faster payment times – further input to be provided bilaterally

# General Assembly

# General Assembly

- June 8th - Virtual meeting
- Key milestones
  - Call for candidates – today
  - Deadline for candidate submission – April 28th
  - Presentation of candidates – May 24th
  - Community elections online – May to June 2nd
  - GA registration closing – June 6th



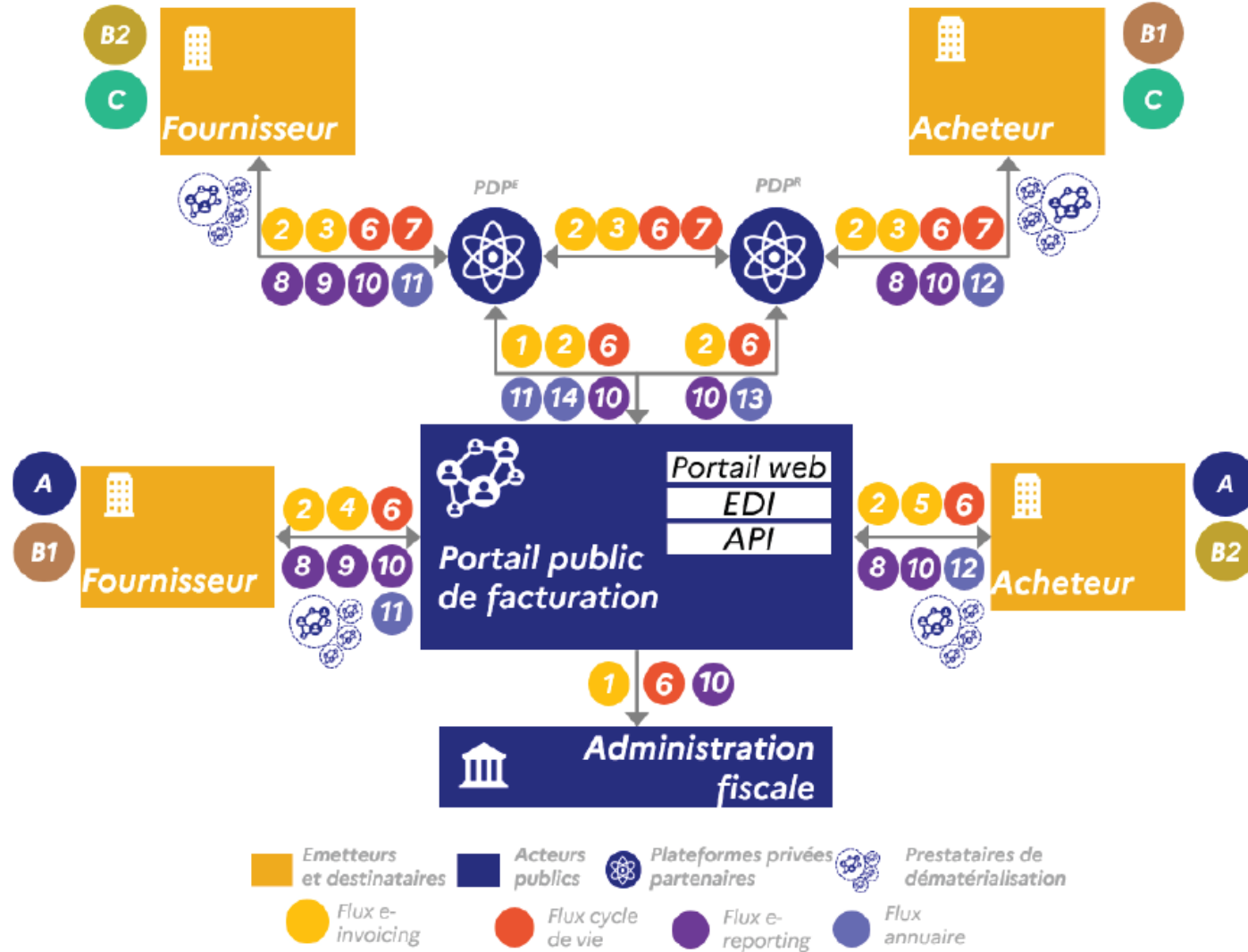
# French PoC update

# Overview

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1. Apply the DCTCE model to the Y model of the French reform
2. Convince French stakeholders of the value that DCTCE will bring to the market
3. Joint EESPA/PEPPOL working with FNFE Project – initiated Sep 2022
  - Time spent looking at various flows
  - Assessing technical requirements
  - Interoperations a key element of French requirements
4. Timetable for reform
  - July 2024: Mandatory electronic invoice and e-reporting issuance for large companies and reception of e-invoices for all.
  - January 2025: Mandatory electronic invoice and e-reporting issuance for medium sized companies.
  - January 2026: Mandatory electronic invoice and e-reporting issuance for all other companies and taxpayers
5. Initial phase of POC testing to commence in April

# Flow Diagram – Y Model



# Moving to Execution

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1. A systematic, coordinated and inclusive approach that is both:
  - Flexible and quick to start testing
  - Comprehensive, showing that we already start to build the future community
2. Joint EESPA/OpenPeppol project working with FNFE
3. Gradually moving towards the complete solution when there are still some unknowns with respect to the exact French requirement
4. More formal Project Documentation, in preparation;
  - POC Handbook
  - POC Project Plan
  - How to Guide

# Flexible Approach

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1. As this is a POC - the opportunity should be taken to test a number of options.
2. These will be incorporated in the Handbook and How to Guide
3. Aim will be to allow individual participants to chose which elements they wish to test whist ensuring that a full test of all the options is achieved
4. This is a reflection of reality as in Production a certain element of flexibility in options will be allowed
5. The next FNFE InterOp POC meeting is on 5 April
6. Ready to proceed with the tests in mid-April

# Phased Approach – Phase 1

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1. Aim is to take a phased approach to the POC
2. The precise scope of each individual phase will be determined within FNFE and be updated as and when
  - previous phases have been completed
  - when increased functionality becomes available,
  - Participants prioritise flows and/or formats based on their interests
3. Initial test will be limited to flows between PDPs
4. The goal is to test how to allow PDP to exchange documents over the Peppol Network.
  - Different PoC participants may start with different formats
5. The type of documents that will be exchanged in this first phase are currently limited to;
  - E-invoices and Credit Notes
  - Technical Acknowledgement messages

# POC Participants

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1. Currently 10 SPS have committed to participating in the POC
2. 4 SPs have joined OpenPeppol on reduced membership fee for POC only
3. 2 existing APs have already paired up as testing partners
4. There are a number of major SPs who are expected to participate but yet to commit
5. Wider SP involvement is encouraged – please

# Outline Technical Solution

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1. PDPs will have dedicated AP certificates that allow them to identify each other and respective flows solely among PDPs
  - OpenPeppol will act as the Certification Authority and will issue the French PDP certificates to the participants in the POC.
2. Following file formats will be permitted - UBL/CII/Edifact/Factor-X
3. Envelope – will use a “minimal UBL wrapper”
  - Need to validate requirements and create a formal specification (in parallel to testing)
  - Minimal UBL envelope can be used for all 4 accepted formats UBL/CII/Edifact/Factor-X
  - UBL/CII can also be exchanged using SBDH (option 2, participants free to choose)
4. Dynamic Discovery Process should permit both hidden and open visibility of end-users
  - Managed capability registrations using a common SMP to be provided by OpenPeppol
  - Open capability registrations using SMK/SMPs of PoC participants (if some so choose)



# Follow on phases

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These will be introduced on a rolling basis as time is right;

1. Non-regulated flows and use of Peppol BIS (e.g. cross-border)
2. Include the Annuaire
3. Include the PPF and eRerporting
4. Look at the possibility of connecting the PPF to Peppol and test regulated flow PPF-PDP if determined possible by DGFIP/AIFE
5. Positive suggestions of perhaps have a French Peppol Authority at some stage in the future

Note DGFIP/AIFE running a separate PDP/PPF test – We will look at possibilities of linking the two

# PoAcc update

# EESPA Incubation project

# The Parties and Recitals in the Draft Incubation Charter

- The Parties to the proposed **Incubation Charter** are the European E-invoicing Service Providers Association AISBL, and OpenPeppol AISBL.
- OpenPeppol wishes to make available access to the Peppol Network to members of EESPA to offer interoperability services for electronic business document exchanges. The EESPA community wishes to undertake interoperability services on behalf of their clients on a multilateral basis using the Peppol Network, (recognising that a large proportion of its members are already Peppol members).
- The Parties desire to agree and implement an **Incubation Project** to cover the use of Peppol for an initial phase, the **Incubation Period**, using an **Extended Use Service Domain** within the scope of the OpenPeppol Internal Regulations that will be described as the **Enhanced B2B Service Domain**.
- Following a successful Incubation Project, the Parties agree that there is an opportunity pursue the **cooperation on a longer term basis** to create an active and durable exchange framework of high strategic importance to global and local digital supply chains.
- This presentation sets out the basis on which this opportunity can be implemented.

Note: The applicable regulations are the OpenPeppol AISBL Internal Regulations on Use of the Peppol Network, Version 1.0.1 21 June 2021- Chapter 8.

# Background

- EESPA and OpenPeppol have been exploring **opportunities for the convergence** of their interoperability practices. In 2022 they **published a joint-statement** with the intention to take this forward.
- For over a decade, Peppol has been developing and implementing the **Peppol Interoperability Framework**, for the secure exchange of B2G and B2B transactional documents. This framework has found **wide adoption** across the Europe and globally, notably in the Asia-Pacific region.
- Since its inception (also a decade ago), EESPA has been supporting its members with Model Interoperability Agreements and recently has been **piloting/implementing a multilateral e-Delivery network** based on the same specifications and building blocks as are deployed in Peppol.
- A similar initiative, the US Business Payments Coalition, is implementing an Exchange Framework for North America. EESPA, BPC, and OpenPeppol have collectively published a **common blueprint called the Global Interoperability Framework**, which argues strongly for the wide implementation of the same proven standards, as created by Peppol. There is therefore an **established context for the proposed Incubation Project** and recent months have created further momentum in terms of understanding and the building of consensus.

# Objectives and benefits for OpenPeppol

- To realise a **significant increase in traffic volumes and end-users** capable of bringing substantial new B2B and cross-border flows to the Peppol Network.
- To create an **opportunity to incubate and evaluate new network artefacts** and exchange patterns in an agile environment for change and experimentation based on a real world **use-case** for the **Peppol Extended Use policy**.
- To **deliver value to Peppol Authorities** that wish to take advantage of enhanced interoperability models to enrich their domain services.
- To make a valuable contribution towards the ongoing **modernisation of the Peppol Network** and create an enhanced platform for service providers seeking to migrate to new features and functionality.
- To reap the **benefits of cooperation** with EESPA, whose community has complementary skills and bring service providers more fully into the Peppol realm.
- To build on this 'vote of confidence' in the Peppol specifications and operational models, and build momentum towards realising the potential for Peppol Network to strengthen its leadership as **the global network standard** in the supply chain automation domain.

# Objectives and benefits for the EESPA community

- To collaborate with the experienced Peppol community to generate important **economies of scale and accelerated time-to-market** in building world class interoperability services for its extensive client base and to **reduce dependency on bilateral exchanges**.
- To offer the additional value of its mature B2B focus, multiple market presences, and a cross-border/compliance-driven 'mind-set' to **bring a differentiated business mix to the Peppol Network**.
- To take advantage of the **rapidly growing business flows** from the wave of B2B/B2G country mandates and from the push towards the digitalization of small and medium-sized enterprises (SME); these forces create an **imperative for the adoption of multilateral process interoperability** through a standardized four-corner model to generate **network effects and avoid unscalable solutions**.
- To **contribute innovative approaches to interoperability**, including data management, validation (including specific company and sector) and messaging choreography, and contribute to an open network platform with the reach, resources and experience to deliver the next generation of client solutions.

# Benefits for the wider eco-system

- We are at an **inflection point** in the development of e-invoicing and supply chain automation arising from wave of mandates to support indirect tax reporting and the public policy agenda to include the 'long tail' of small and medium-sized businesses in the digitalization of the 'whole economy'.
- Processing the volume of transactions from the vast mass of so-called 'non-strategic' suppliers will only be feasible through **more automation, standardization and the network effects of an open model**. This will support both the business transactions of the 'long tail' and of 'strategic buyers and suppliers', where required value-added tailor-made processes will continue. But a lowering of complexity, time taken and cost will improve business process interoperability in all segments.
- The **converged strategic approach** anticipated in the Incubation Charter is the way to deliver **scalable value propositions** for clients and provide a **cost-effective platform for service providers**. Cooperation on the development of new and enhanced artefacts and consolidated processes will **save money** by capitalizing on the joint Peppol/EESPA skill-base.
- The inclusion in scope of **interlinking with** the growing **implementation of Digital Reporting Requirements** will also benefit from the converged network model to deliver **both** fiscal and supply chain efficiency.
- It is recognised that this will **require a major commitment to transformation** and the achievement of ambitious goals. This will be a **win-win** for the EESPA and the Peppol communities and beyond.



# Internal Regulations for an Extended Use Service Domain Peppol

- In the applicable Peppol Internal Regulations, there are three defined types of Extended Use case, two apply to specific geographic jurisdictions, and an **Incubation seeks to establish a new Peppol Service Domain** with the *potential* to be integrated into Peppol network on a longer-term basis. The following criteria apply to approval by the OpenPeppol Managing Committee (as summarised).
- **No foreseeable conflict** with current or prospective Peppol services and **avoidance of a negative impact on interoperability** across the Peppol Network.
- **Be feasible** within the organizational and financial capacity of the Peppol Authority and demonstrates clarity of roles and responsibilities.
- **Extends the coverage and usage** of the Peppol Network to increase its value as an essential global IT infrastructure, to build trust, and to **strengthen the Peppol brand**.
- Must be well documented in a **Use Case Description and impact analysis** including growth potential for the Peppol Network. Provides technical specifications including differences and variations from existing specifications and rules.
- For an Incubation Project demonstrates how a successful incubation process may lead to the **eventual establishment of a new Global Service Domain in Peppol**.

# Implementation of the Incubation Project

- **Preconditions** : the conditions for starting the Incubation Project agreed in the Charter.
- **Project governance and resourcing:** commitment to providing adequate and capable resources and project governance.
- **Launch and Start-up phase:** commencement phase of the Incubation Project following the pre-approval phase that was initiated in June 2022. When approved, the Incubation Period will commence with a start-up activity.
- **The Starting Environment:** this is defined as the operating model to be implemented *during* the Incubation Period.
- **High-level Use Case Description and Business Flow Analysis:** this presents the Use Case and a business flow analysis.
- **The Target Environment:** the work to be undertaken *during* the Incubation Period to agree on the desired outcome and scenarios for the creation of the permanent Enhanced B2B Service Domain, including **Governance development** for the new environment.
- **Timescale and Exit:** the Incubation Period should run for an 18-month period following its launch to give adequate time. Exit will either consist of transition to the Target Environment or termination..



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## **EESPA incubation project**

- Additional slides

- The Parties will make **joint commitments** on feasibility, the adoption of a Peppol Extended Use Domain, the costs of participation and agreement that adequate time is given for the Incubation Period to bear fruit. Peppol is the brand supported and promoted by both Parties.
- **EESPA and its community will commit to bring new services, end-users, and traffic to the Peppol Network, and will pursue their interoperability aspirations primarily inside the Enhanced B2B Service Domain** with the objective of **transferring transactions currently processed under bilateral agreements**. The EIN will remain active, but development plans will be put on hold during the project.
- **OpenPeppol will position the new Enhanced B2B Service Domain as a separate Service Domain in the Peppol Interoperability Framework, distinct from the Post-Award Service Domain and at the same level in terms of recognition. It accepts EESPA-defined services as part of the Starting Environment and the Peppol Network** for at least the duration of Incubation Period. Neither Peppol Authorities nor OpenPeppol will be able to place specific requirements on the Domain unless the participating service providers agree through their EESPA representatives.
- There will be **pre-agreed policies for participation and fee structures** in the new Domain. The Enhanced B2B Service Domain will be open to service providers that are not EESPA members, but participation will be controlled by EESPA for an initial period. Arrangements will be made to provide equitable fee structures and participation rules for the Enhanced B2B Domain by service providers and end-users.

# The Launch and Start-up Phase

- **Agreement on the roles and responsibilities** of the Parties and on **detailed planning** for the Incubation Project.
- **Preparation of the required specifications and implementation plans** in readiness for the launch of the Starting Environment.
- Completion of **an alignment of terminology** and establish a common glossary at least for the key definitions with others to follow during the remainder of the Incubation Period.
- **Agreement of a structure of legal agreements** to be deployed to support the Starting Environment based on the Peppol Service Provider Agreement. Any strictly defined requirement for differentiation, will need to be identified during the Launch and Start-up Phase, and implemented in the most appropriate legally binding manner, such as in an Addendum.
- **Establishment of the project governance bodies** required to be operational during the Incubation Period..
- Develop a **resourcing, and risk mitigation plan** to deliver complementary resources and skills.

- The Starting Environment will use the **core standards and practices** of the Peppol Interoperability Framework, but as may be varied by agreement. The scope of interoperability services will **draw on practices developed within the EESPA Interoperability Network (EIN)**. If the definition of certain EESPA service features is not yet considered to be fully ready for deployment in the Incubation Project, they will be held over for inclusion in the Target Environment
- At the payload level, the **EESPA EN extension** as the exchange invoice format will be included as will the use and choreography of **invoice response messages** and related error handling. Some use of **Bilateral and bespoke formats** will be allowed as currently authorised within the EESPA Model Interoperability Agreement (MIA). There is a need to agree how to use the network for their transmission. The future use of such messages will be considered as part of the Target Environment.
- As a matter of receiver (end-user) discretion regarding documents to be accepted, consideration will be given to support within the Extended B2B Service Domain of a **range of permission levels** (Open, Conditional, and Pre-authorised).
- At the Network level, EESPA variations or **supplemental network specifications** or parameters for both delivery and discovery (SML/SMP, identifier schemes etc.) will be included.
- **The Peppol Service Provider Agreement** will be the legal agreement for the Starting Environment. Any need for differentiation such as an Addendum, if strictly necessary, will need to be identified, as will technical and operational documentation.

- This section will be **developed in close coordination with EESPA** before the Incubation Charter is agreed by both Parties, further developed during the Incubation Project and **focused on the B2B market**, as the primary environment for the Enhanced B2B Service Domain
- **It will draw on experiences** in the interoperability of heterogeneous (including cross-border) private sector, compliance-intensive business flows, successful value and product propositions, and the challenge of addressing the **untapped market potential of the ‘whole economy’ digitalization agenda requiring a scaled-up approach to automation and standardization.**
- The Use Case will also document the key success factors in continuing to **grow the larger supply chain automation market** including under-served supplier segments, the further addressable business flows and the geographical and industry sectors where success rates are likely to be high.
- Wherever possible, the Use Case will draw on **quantitative evidence** for the growth forces at work.

# Develop a Blueprint for the Target Environment during the Incubation Period

- The transition towards a Target Environment will be a path that ends **either** 1/ with **the integration** of the environment created by the Incubation Project into the Peppol Post-Award Service Domain, **or** 2/ to **the establishment of a permanent Enhanced B2B Service Domain** in the Peppol Interoperability Framework.
- The **identification of additional business waves** of service providers, end-users, and business flows as the addressable market from which to populate the Enhanced B2B Service Domain **including flows that can be transferred from current bilateral agreements**. Modelling and **volume projections** will be undertaken to develop on **target objectives** for transaction growth to the benefit of the Peppol Network.
- **A strategic blueprint for the business and technical architecture** to deliver a global multi-community B2B supply chain interoperability environment. Proposals will be developed on the required enhancements to network functionality, data standards and message types, real-time reporting and the necessary operating rules and legal agreements.
- The work will **require an external focus** including a coordinated observatory function to assess the opportunities and technical requirements arising from the **growth in B2B country mandates** and opportunities to deploy Peppol functionality (DCTCE Model).



- **The future of governance and its adaptation** to new circumstances is a distinct issue of importance to both Parties. The Parties and stakeholders in the Incubation Project will discuss and develop a vision *during* the Incubation Period for evolution of the OpenPeppol governance model relevant to the Target Environment and to appropriate integration of the EESPA community.
- The Parties can provide **mutual support to service provider community representation** activities right from the beginning and the alliance will permit **more concerted thought leadership** as the two associations cooperate.
- This cooperation could evolve into a **new paradigm for the global representation** and advancement of the e-invoicing and supply chain automation industry. The increasing regulation of the space by sovereign governments will benefit from the Parties' unique set of complementary skills to promote efficiency in the 'non-regulated' space.
- The Target Environment will also generate important issues to address in 1/ the multi-jurisdictional **legal/contractual** domain, and 2/ in **revenue and cost-recovery** models for essential industry infrastructures.

- **The Incubation Period is proposed to run for an 18-month period** following its launch, given that adequate time must be given for the Incubation Project to bear fruit. **Regular checkpoints and milestones** will be defined. Project risk will be continuously assessed by means of a Risk Register.
- **Exit will either consist of transition to the Target Environment or termination of the Incubation Project** if its objectives are not met. Termination may be decided before the foreseen conclusion of the Incubation project, if the Parties so desire.
- **The Parties will agree a process** for the possibility of termination of the Incubation Project if its objectives are not achieved. If the Incubation Project fails for reasons such as lack of support from participating service providers, overwhelming technical or project management challenges, or insufficient resources, the project will be wound up, if no mitigations are possible.
- In these circumstances, costs will be borne by all the involved parties which had so far contributed to the extent of their individual contributions. The parties will be free to agree another basis for proceeding or go their separate ways. Transitional arrangements would be necessary. **This Exit scenario is not an expected outcome and transition to the Target Environment is anticipated.**

# eDec update

# eDec update #1

- Change name from "DDTS" to "Peppol Wildcard Scheme" (the short form of "Peppol Wildcard Document Type Identifier Scheme")
- For Info: there is no date yet for mandatory Reporting (neither TSR nor EUSR)
  - Last release info from <https://peppol.eu/reporting-bis-release/> states "is expected to be operational in Q3 of 2023"
  - Release is at least 6 month AFTER notification from OpenPeppol - this notification hasn't be send out yet
- We have developed our priorities for 2023 to inform the Operational Plan, sharing for transparency:
  - Progress alignment with change and release management based on new agreement change processes
  - Continue Peppol specification upgrade based on latest version of underlying standard e.g., OASIS
  - Commence work on future of SML – defining business requirements followed by solution implementation in due course
  - Documentation of Peppol eDelivery Network Architecture
  - Ensure and maintain safe & secure operation over Peppol eDelivery Network

# eDec update #2

- AS2 Phase Out Comms:
  - <https://openpeppol.atlassian.net/wiki/spaces/RR/pages/3021602825/AS2+phase-out>
- Codes List Update: <https://docs.peppol.eu/edelivery/codelists/changelog.html>
  - v8.4 – 24 February 2023
  - Updates to
    - Participant identifier schemes
    - Document type identifiers
    - Transport profiles
  - And likely there will be a v8.5 by 28 March; will include details closer to the date



# THANK YOU!

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INFORMATION

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