



Peppol

The future is open

Peppol Service Provider Community Meeting

February 13th, 2024

www.peppol.org

Peppol is owned by OpenPeppol AISBL

Agenda

1. News from MC
2. News from eDec
3. News from MLS working Group
4. News from OO
 - a. Reporting
 - b. 2023 – retrospective on OO Activities (was postponed)
 - c. Critical Infra working Group
 - d. Security Committee

1. Update from MC

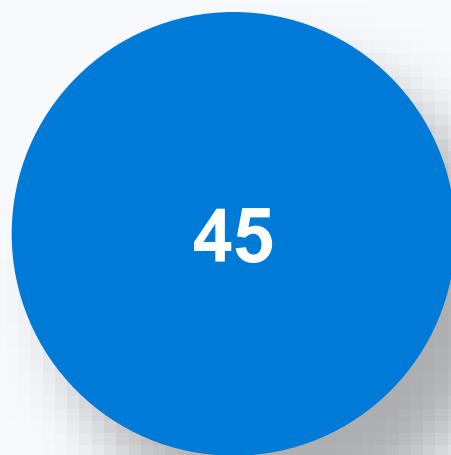
Membership



Key membership indicators (2024.01.24)



Countries
with Peppol
Authorities



Countries with
OpenPeppol
members

New countries in 2024:
UAE



Total number of
OpenPeppol
members

Net Growth YTD:
9 new members



Receivers in the
Peppol Network
(Jan. 2024)

Top countries in membership (Global) in 2022 and 2023

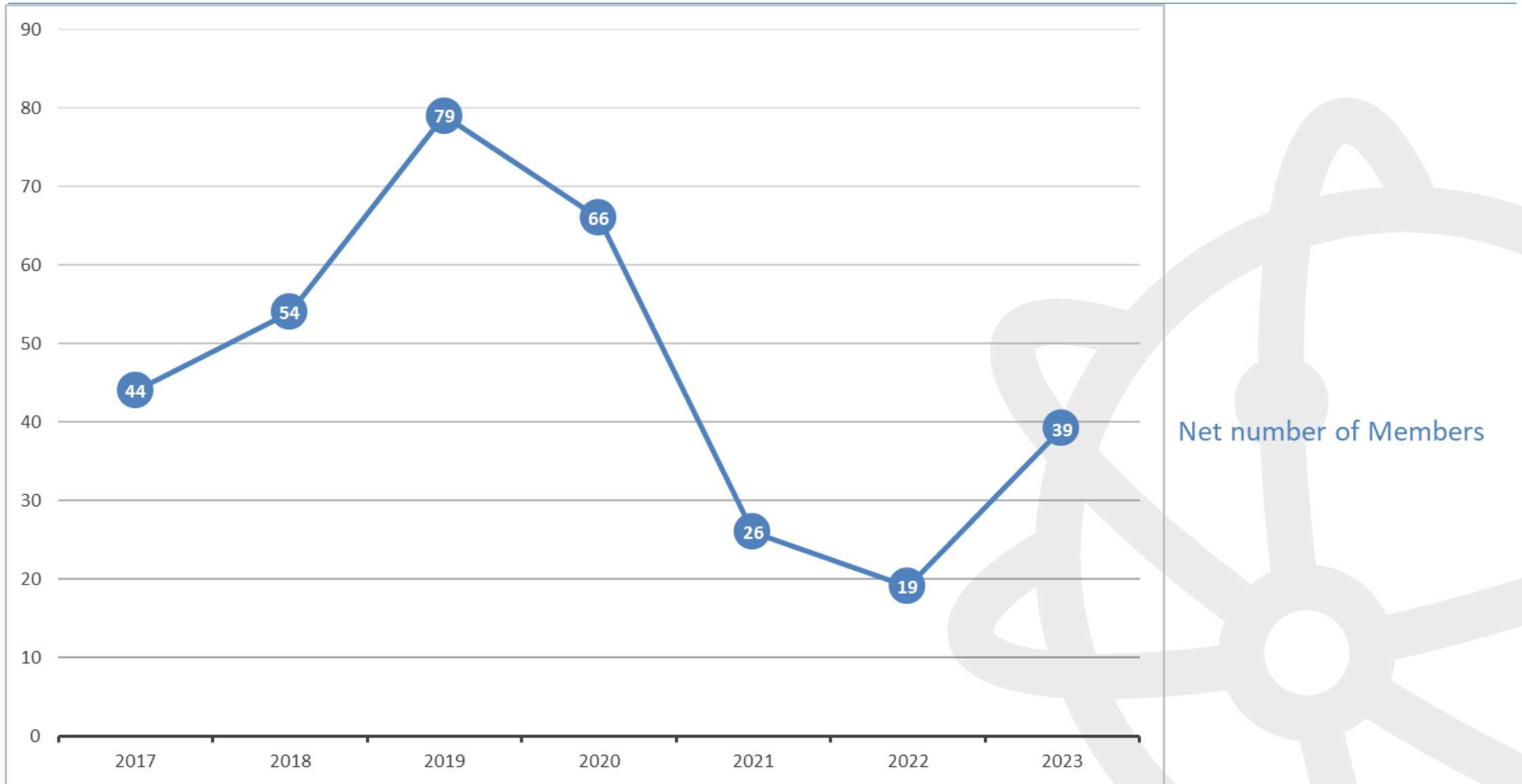
Ranked by absolute numbers

2022		
Top countries in membership Ranked by absolute numbers		
	Country	Number of Members
1	Norway	60
2	Italy	58
3	Germany	43
4	Sweden	35
5	Australia	34
6	Belgium	32
7	Netherlands	32
8	UK	28
9	Singapore	22
10	Denmark	18
11	France	17
12	New Zealand	11
13	Spain	10
14	Japan	9

2023		
Top countries in membership Ranked by absolute numbers		
	Country	Number of Members
1	Norway	61
2	Italy	55
3	Germany	51
4	Belgium	40
5	Sweden	34
6	France	32*
7	Australia	31
8	Netherlands	31
9	UK	25
10	Denmark	20
11	Singapore	19
12	Greece	13
13	Malaysia	13
14	Japan	12

* 11 out of 32
are FR PoC only

Net Yearly Growth in Membership (FR PoC not included)



Decisions

- Setup of logistics domain community
- Organize Peppol Conference
- Extended Use for Self-billing in AU-NZ-MY
- Establish Critical Infrastructure working Group
- First member from UAE

Setup of Logistics domain community

- The MC is invited to decide that:
 1. Logistics shall be established as a new Domain Community, with its own members, Leader and Change Management Board.
 2. A boundary of responsibilities must be drawn by the Logistics and Post-award Communities acting together and agreeing on it.
 3. Logistics will not be a separate Service Domain in the Peppol Interoperability Framework, in order to avoid unnecessary complications. Logistics will be part of the Post-award Service Domain, meaning that
 - a. All Peppol Authorities already having jurisdiction over the Post-award Service Domain as per their signed PA Agreement automatically extend their coverage to Logistics
 - b. All Service Providers already authorised to offer services in the Post-award Service Domain as per their signed SP Agreement are automatically authorised to offer services in Logistics.
 4. The new Domain Community for Peppol Logistics must establish its internal governance as soon as possible, recruiting their membership, appointing an interim Domain Community Leader and holding elections among their newly established members for a Domain Leader and Change Management Board.
 5. The OO will support the Logistics Community to meet expectations to establish its internal governance and function within the Peppol Interoperability Framework. It is not expected, now and in the foreseeable future, to offer technical or administrative resources, therefore the Logistics Community members and stakeholders should provide in-kind contributions to perform internal tasks.

Organizing of Peppol Conference

The Managing Committee decides that:

1. A Peppol Conference will be organized by the Association in Brussels, in the second half of the second quarter of 2024
2. Fees may be charged for conference participation, which should be lower for members than for non-members and lower for public sector organisations than for private sector organisations
3. The Operating Office shall proceed with the necessary preparations, using internal resources as may be feasible and engaging external resources as may be needed

Extended use of Peppol network for self-billing in AU, NZ, MY

The Managing Committee decides to:

1. Approve Extended Use of the Peppol Network for Australia, New Zealand and Malaysia regarding the introduction of local PINT Self-Billing specifications within their jurisdictions
2. Request from the Post-Award Community to speed up, to the degree possible, the introduction of a global PINT Self-Billing specification. When that happens, the jurisdiction-specific specification will become local customisations of the global one and they can continue to be used as part of the Post-Award Service Domain and no longer under Extended Use

Establish Critical Infrastructure working group

The OpenPeppol Managing Committee decides to:

1. Establish the Critical Infrastructure Working Group, subject to the provisions of the present mandate.
2. Request that the Peppol Authority and Service Provider Communities to appoint representatives to the Critical Infrastructure Working Group, following the provisions of the present mandate.
3. Instruct the Operating Office to drive and support the execution of this decision.

New member from UAE

The MC decides the following :

1. To approve in principle the request for OpenPeppol to accept members from the UAE.
2. To instruct the OO to process the membership applications from Oxinus Holding Limited and Liwa Analytics, subject to successfully conducting due diligence as needed for organisations from this country.

Market News

- **Malaysia**
- Continuing support to the PA in preparation for release of MY PINT specifications
- **United Arab Emirates**
- Continuing dialogue with Ministry of Finance and their consultants (EY)
- Service Provider workshops undertaken by UAE, SPs required to sign NDAs
- Request received from UAE for OpenPeppol to sign NDA (MC requested to keep UAE confidential)
- **Qatar**
- Call held with the Qatar General Tax Authority, arising from the Singapore Exchange Summit
- Overview of Peppol presented and follow up is expected, although no firm commitment as yet

Important

1. The 17th General Assembly of OpenPeppol AISBL will be conducted on the 16th of April 2024 as an online meeting with remote participation of all members
2. A Call for Candidates.
 1. Governance positions
 2. Community elections

2. Update from eDec

eDEC Updates

Planned activities 2024 (as submitted for the Operational Plan)

- Continue to refine change and release management based on new agreement change processes
- Continue Peppol specification upgrade, with necessary updates for (at least) SMP, SML, Directory and Policy for use Identifiers to follow
- Documentation of Peppol eDelivery Network Architecture
 - Recommend to be done post SMP and SML work
 - Revisit when ready
- Ensure and maintain safe & secure operation over Peppol eDelivery Network
- Incubate MLA workgroup result
- Increase collaboration with POAC
- We anticipate the Critical Infrastructure Working Group will lead the following, and eDec will be keen to participate
 - Future of SML – specification and operations
 - Updated trust model

eDEC Information

Sneak peek on SMP 2.0

- Work for SMP 2.0 has started and progressed quite good
- Primary decisions made to date include:
 - Based on OASIS SMP 2.0 specification
 - Prepare for multi-certificate scenarios
 - Lookup based on OASIS BDXL 1.0 specification
 - facilitating U-NAPTR DNS records allowing SMPs to use https and context paths for access
 - Adding new health-check and monitoring APIs
 - Automating the Participant Migration Process
 - Deeper integration with the Peppol Business Card
 - Requires updated alignment with the SML operator
- We will continue this work in 2024. The necessary updates for SML specification, Directory specification and Policy for use Identifiers will follow
- Once all specifications are ready, they will be sent out for public review

3. Update from MLS working group

Don't make
me pick up
the phone



Recap: WG Objectives

- Reduce the gap between AS4 response and Business Response
 - Issues with messages getting lost, because not delivered (so no business response) and no way to report error
- Expand scope beyond validation failures
 - There are more failure scenarios than just malformed documents.
- Resolve issues with addressing
 - MLS is between C3 and C2, not C3/4 and C1/2

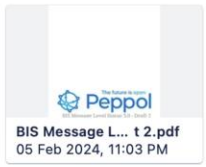
OpenPeppol Work Groups

- All content
- 99 Blogs
- Space settings
- SHORTCUTS
 - Meeting notes
- CONTENT
 - Work group MLA
 - MLA WG Intro and Pr...
 - Work group meetings
 - Documentation
 - MLA WG Proposal Re...
 - MLS Draft BIS + Expl...**
 - Work group Security

MLS Draft BIS + Explanatory Slides (Feb 2024)

Owned by Simon Foster ...
Last updated: about 3 hours ago · 1 min read

Draft BIS:



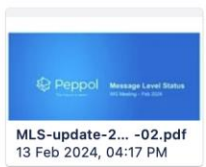
Meeting recording from 12 Feb 2024:

OpenPeppol MLS Working Group 2024-02-12

Created by Simon Foster · Updated 3 hours ago

YouTube

Explanatory Slides (from recording):



<https://openpeppol.atlassian.net/wiki/x/CACXww>



MLS Scope – Single Proposal

Message response codes:

- validation errors (same as MLR)
- general content errors (e.g. virus scanner hit on PDF attachment)
- failure of C3 to pass on the business document

MLS is not a non-repudiation or acceptance message. The goal is to be aware of things going wrong, so that they can be resolved.

Therefore, a negative MLS message is not a rejection of the message, but a notification of failure to pass on the message.

No mention of C4/final recipient or business rules which belong in business responses

MLS Addressing

- MLS is sent to C2
- *C3 needs to be able to derive C2 ID automatically, and solve for multiple C2 access point scenarios*
- C2 is identified by Peppol Seat ID by default, e.g. XXXX:000100.
 - This can be retrieved from the AS4 Header under existing standards.
- In the case of multiple C2 access points, C2 should specify a more specific Seat ID subidentifier e.g. XXXX:000100-123
 - This can be retrieved from the SBDH via a new MLS_TO business scope element.

MLS Frequency & Mandate

- Support for receiving MLS will be mandatory across OpenPeppol (in future TBD)
- C2 can request the MLS 'type' in SBDH:
 - 1) Failure only [default, if no type is included in SBDH]
 - 2) Always (failure, accept, acknowledge)
- C3 MUST adhere to request

This offers flexibility to address different service provider & market requirements globally.

PAs may optionally mandate either MLS 'type' scenario.

What's next?

- Take feedback from yesterday's WG session and update BIS
- Complete minor outstanding BIS elements
- Submit new BIS to eDEC
- eDEC & OO will then take over and conduct any required consultation and determine next steps

4. Update from Operations

Status update Reporting

Status - Production

- February 2024 (1st-15th)
 - SP's submits reports to OpenPeppol
 - First reports covering January 2024, submitted and received.
 - 118 Service Providers has submitted as of 12.02.2024.
 - 317 SPs in "Production" and 55 in "Production_ready") as of 12.02.2024.
 - A fall-out, requiring a resubmission from some Service Providers.
- February 2024 (16th)
 - Consolidation of Data and upload to Data Warehouse
- February 2024 (17th-29th)
 - Analytics reports available for PA's
 - Peppol OO retrospective
 - Peppol OO system audit
 - Peppol OO security audit

Observations

- SeatId – missing transaction partner SeatId (non-compliance, no send or use own SeatId).
- SeatId – using non existing SeatIds (will be found).
- Email addresses
 - Whitelist mails from @peppol.eu in your mailsystem.
 - If you are uncertain which mailadress we use for reporting mails or want to change the mailadress to another mailadress, then create a Peppol helpdesk ticket.
- Collecting for a backlog.

Critical Infrastructure Working Group

Background and Situation

- The SML is hosted by the European Commission (EC) and is provided for free to OpenPeppol and its members on the basis of a Memorandum of Understanding.
 - not under a commercial strength SLA.
 - Peppol allowed capacity may be a problem in the medium term 2-3 years.
 - SML service may not be available indefinitely.
 - SML remains a single point of failure by design.

As Peppol grows and matures, there is a growing consensus among members that critical infrastructure such as the SML must be robust, resilient and scalable.

Alternatives

- a. Discuss with the European Commission the possibility to extend the scope of their SML service in terms of both capacity and resilience.
- b. Prepare for a total insourcing.
- c. Explore the architectural possibilities and the practical implications of creating a federated SML environment.
- d. Explore alternative architectures for dynamic discovery.

Objective and Scope

The Critical Infrastructure Working Group shall aim to:

1. Mitigate the current risks with the SML service by exploring alternative options in line with the assessment made in the present mandate
2. Draw pathways towards a more robust, resilient and scalable SML and critical infrastructure more generally.
3. Assess the critical infrastructure needs of the Peppol Network and propose solutions that improve the dynamic discovery architecture.

Work is expected to follow multiple streams such as, but not necessarily limited to, the following:

1. SML federation – architecture and proof of concept
2. Data and service sovereignty – subgroup led by, but not limited to, APAC countries.
3. Evolution of dynamic discovery architecture, based on needs for critical infrastructure

Roadmap

	2024				2025		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3
Organization	WGs organised and started			WGs reorganization			WGs handover
Business Requirements	Gathering	Gathering and Consolidation					
Policies		Defined		Q&A			
Principles		Defined		Q&A			
Architectures		Alternatives identified	Technical impact and risks		Refactoring	Finalization	
Specifications			PoC	Pilot	Refactoring	Finalization	
Software			PoC	Pilot	Refactoring	Finalization	
Change				Change		Change	Change
Deliverables		Conceptual Architecture v.1 Alternatives	Feasibility Study	Conceptual Architecture v.2 Target Architecture	Solution Architecture v.1	Solution Architecture v.2	#

Organisation

- OO will provide technical, governance, market development and administrative support to the WG according to its needs and to the extent of its overall capacity.
- Critical Infrastructure Working Group will be coordinated by OO Technical Lead, Klaus Vilstrup.
- Technical work streams will operate in coordination with eDEC CMB.
- Specific work streams and activities may be led by PA or SP representatives, as decided within the WG.
- Chair, Organisation, Procedures and Meetings schedule to be decided, based on interest and participation.

Call for Participation

Requirements for participation:

Members who take part in the actual work and contribute to deliverables are expected to ensure sufficient time availability for WG tasks

Register for participation:

Write a mail to:
info@peppol.eu

Registration closes:

Wednesday 28th of
February

Kick off:

Tuesday 12th of March
@ 09:00 CET

Security Committee

MC182 Decision on Security Committee

The OpenPeppol Managing Committee decides to:

- 1. Approve the establishment of the Security Committee, subject to the terms and conditions in the present mandate.**
- 2. Request that the Peppol Authority and Service Provider Communities to appoint representatives to the Security Committee, following the provisions of the present mandate.**
- 3. Instruct the Operating Office to drive and support the execution of this decision.**

Purpose and functions

1. Drive the development and implementation of security requirements and advocate a strong security culture
 2. Continuously review and assess the risk environment within and around the Peppol Network
 3. Define and maintain the Peppol Security Policy – to be included in the IR
 4. Advise the APP CMB and other CMBs on handling security-related RFCs and issues
 5. Advise the MC on strategy and goals, from a security perspective
 6. Advise the OO and other bodies on security matters
- Not a decision making body
 - Its function is related to governance and to technology so two kinds of expertise is needed

Composition

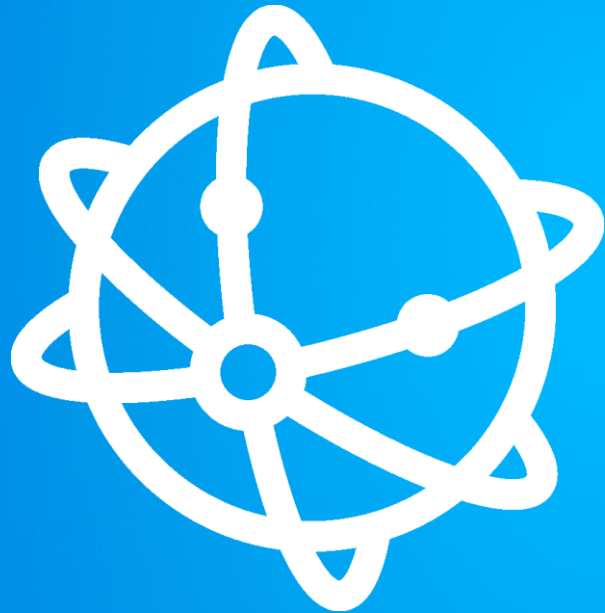
1. The OpenPeppol Security Committee shall be composed of:
 - a. A minimum of 2 and a maximum of 4 representatives of Peppol Authorities
 - b. A minimum of 2 and a maximum of 4 representatives of Service Providers
2. PAC and SPC should agree on the number – should be equal
3. Representatives to be appointed
 - a. SPC can have an election
 - b. SC can follow different procedures
4. The OO will participate and support (Klaus, Erwin, others as may be needed)

What procedures to follow in the SC for participation?

Next steps

- PAC discusses establishment and participation on 1 February
- SPC and PAC representatives are appointed
 - Timing may depend on the process chosen by each Community
- Kick-off expected early March





THANK YOU!

MORE
INFORMATION

info@peppol.eu
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