PKI Progress from February to August 2022 : Japan
1. Government related Updates
   (1) The launch of the Japan-EU Digital Partnership
   (2) Status of Individual Number Card Issuance

2. Updates in the Private Sector
   (1) Progress in The “Mutual Recognition Pilot Project between EU and Japan” [ SIP Project ]
   (2) Advocacy work to the government for the development of a comprehensive legal system for trust services [ JDTF : Japan Digital Trust Forum ]
1. Government related Updates
1.(1) The launch of the Japan-EU Digital Partnership

News Release by the Government of Japan

May 12, 2022

On May 12 (Thu.), the 28th Japan-EU Summit was held, and the Japan-EU Digital Partnership was launched.

On May 12 (Thu.), the 28th Japan-EU Summit was held in Tokyo, and the Japan-EU Digital Partnership was launched.

The partnership will cover digital priorities shared by Japan and the EU, with the Ministry of Economy, Trade and Industry (METI), the Digital Agency, and the Ministry of Internal Affairs and Communications (MIC) playing the leading role from Japan, and the European Commission (EC)'s Directorate-General for Communications Networks, Content and Technology (DG Connect) doing so from the EU.

A ministerial-level meeting based on this partnership (the Japan-EU Digital Partnership Council) will be held once a year, with the Digital Agency and the EC's DG Connect as nodal agencies.

1.(1) The launch of the Japan-EU Digital Partnership

Fact Sheet by the EU Commission

The EU and Japan launched a digital partnership at the Japan-EU Summit on 12 May 2022. Japan is the first partner country with which the EU has concluded a Digital Partnership.

What is the Digital Partnership?
The Japan-EU Digital Partnership will advance cooperation on digital issues to foster economic growth and a human-centric digital transformation based on our common values. It will be a flexible cooperation instrument that goes beyond dialogue and exchange of information between Japan and the EU with the view to deliver concrete deliverables in line with the digital compass.

Digital Compass

Business

Skills

Public Services

Infrastructures

The Partnership will focus on the four cardinal points of the digital compass: infrastructure, skills, digital transformation of business and adaptation of public services. It should also include digital trade component.

What are the benefits of the Digital Partnership for Japan and the EU?

Work together on the convergence of global supply chains, ensure GC and Boston, safe and ethical applications of AI.

High standards, including SMEs, to innovate and grow.

Move forward digitalisation of public services.

Cooperate on areas international connectivity, open data, infrastructures, and digital rules.

How will the Digital Partnership reach its goals?

Collaborate on the development of tech, specifically in research and innovation.

Implement concrete joint projects in cutting-edge areas such as artificial intelligence and digital identity to drive technology development and standardisation.

Share views and best practices, promote regulatory cooperation and develop common principles for rules and standards where appropriate.

Establish mechanisms for collaboration in international groups and organisations.

Pursue a common approach to the digital transformation based on democratic principles including defending the open internet and developing Digital Principles.

Shape digital trade principles and promote regulatory cooperation on key technology enablers for digital trade.

Governance
The Digital Partnership will work on a yearly cycle. It will draw on existing digital policy and other sectoral dialogues and specialist workshops and webinars, which will converge into the Digital Partnership Council, an annual meeting at ministerial level. The Digital Partnership Council will implement, take stock of progress, and review the deliverables. It will be led by Commissioner Breton on the EU side.

1.(1) The launch of the Japan-EU Digital Partnership

The Japan-EU Digital Partnership

JAPAN-EU DIGITAL PARTNERSHIP

34. On data, both sides envisage working towards strengthening Data Free Flow with Trust (DFFT), including by promoting technologies enhancing trust, deepening mutual understanding of data governance on both sides, and on that basis working together to enhance international cooperation to address unjustified obstacles for the free flow of data across borders while preserving the regulatory autonomy of both sides in the area of data protection and privacy.

39. Both sides intend to share best practices, frameworks, content and continue dialogues in the field of public sector interoperability. Both sides endeavour to continue to work on the basis of use cases and pilot projects towards interoperability of their trust services. Both sides intend to collaborate on digital identity solutions, including continued information exchange on the Trusted Web/EU Digital Identity Wallet and using appropriate channels.

### 1.(2) Status of Individual Number Card Issuance

#### Number of Individual Number Cards Issued

<table>
<thead>
<tr>
<th>Date</th>
<th>Population as of January 1, 2021</th>
<th>Number of Cards issued</th>
<th>Percentage of the population served</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;As of February 01, 2022&gt;</td>
<td>126,654,244</td>
<td>52,880,461</td>
<td>41.8%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date</th>
<th>Population as of January 1, 2022</th>
<th>Number of Cards issued</th>
<th>Percentage of the population served</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;As of August 31, 2022&gt;</td>
<td>125,927,902</td>
<td>59,660,827</td>
<td>47.4%</td>
</tr>
</tbody>
</table>

[Cited from](https://www.soumu.go.jp/kojinbango_card/kofujokyo.html)
2. Updates in the Private Sector
2.(1) [ SIP project ]

The “Mutual Recognition Pilot Project between EU and Japan”

[ Features of the Project ]

- SIP is a national program led by the Council for Science Technology and Innovation (CSTI) of the Japanese Government (the Cabinet Office).
- This 3 year project has started in 2020 as one of the projects under the SIP (Crossministerial Strategic Innovation Promotion Program).

[ Main Purposes of the Project ]

- Mapping Best Practice
  - TSPs (CAs, TSAs and RSSP)
- Implementing Trust representation
  - J TSL (Japanese Trusted Status List)
- Proof of Concept ( Demonstration )
  - Validation of digital signature with J TSL and EU LoTL
  - Remote signature creation with extended API

Cited from "https://www.enisa.europa.eu/events/trust-servicies-forum-ca-day-2021/ca-day-presentation/07_sip-1__soshi-hamaguchi.pdf"
2.(1) [ SIP project ]

a. Overview of SIP project

Cited from "https://www.enisa.europa.eu/events/trust-services-forum-ca-day-2021/ca-day-presentation/07_sip-1--soshi-hamaguchi.pdf"
2.(1) [ SIP project ]

d. PoC

SIP project have plan to demonstrate interoperability of QeSig and QeSeal by using Remote signature system between Japan and EU in 2022.

Cited from "https://www.enisa.europa.eu/events/trust-services-forum-ca-day-2021/ca-day-presentation/07_sip-1___soshi-hamaguchi.pdf"
2.(1) [ SIP project ]

The EU-Japan Pilot Project is focusing on these pillars.

Cited from "Global acceptance of EU Trust Services" presented by Olivier Delos/ETSI at APKIC Symposium
In the fall of 2020, the JDTF (Japan Digital Trust Forum), a council focused on trust services, was established. The JDTF is made up of companies and organizations from different sectors and industries, such as SIers, TSPs, lawyers, audit organizations, and user companies, with government organizations as supporting organizations.

The JDTF will work to spread the concept of digital trust, and also make efforts to promote and propose the development of legal systems and rules for social implementation of trust services.

The JDTF has proposed “TaaS (Trust as a Service)” as an architecture to realize DFFT’s trust and to realize a digital society in harmony with other countries, and summarized the concept of TaaS in a white paper. An English version of the white paper is currently under preparation.
The work to create an English version of the white paper has been completed. JDTF is now preparing an English version of their website. It will take some time before it is released to the public.
Thank you