



CEF - State of play – Dashboard, International Compatibility of Trust Services

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Giorgos Lappas, eSignature Business owner

Apostolos (Tolis) Apladas, eSignature Product owner

Meet the speakers



Georgios Lappas
eSignature business owner



Apostolos (Tolis) Apladas
eSignature product owner

01

Policy Introduction



Policy Introduction, CNECT H.4.

Highlights of Trust Services Business Drivers & Objectives

Ensure business continuit y

Adequate funding is secured in the Digital Europe programme for the continuation of the eIDAS building blocks during the next two years

Improve user experien ce

Reduce the fragmentation (centralization) of many existing Trust Services Tools, and rethink our processes in order to improve user experience. The EU Trust Services Dashboard is a product of this approach.

Foster international reach

Acknowledging that eIDAS and the EU TS Framework is a world leading model, work towards growing interest of 3rd countries for joining/interacting with it. The 'Cookbook' is a product of this activity.

The first visible results of our Initiatives

DEP, in conjunction with RRF funds, is expected to provide necessary resources for the digital transformation of MSs in a secure and trusted way



Continuation of the Trust Uptake in Digital Transformation

User experience

The Trust Services Dashboard is receiving very positive feedback, and ideas for new functionalities are arising.

International reach

A growing number of 3rd countries engages with the EU, and this has also led to the proposal for an amended Art.14 in the new eIDAS

02

Reuse of Building Blocks



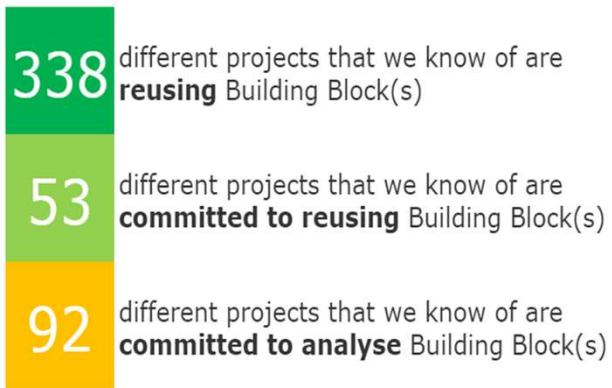
CEF - Building Blocks

The **Connecting Europe Facility (CEF)** Digital programme has been the EU's largest financing instrument for trans-European digital infrastructure from **2014-2021**. It has supported the adoption and reuse of digital Building Blocks in public and private projects, and services on a continental scale. **Building Blocks** are standards-based open and reusable digital solutions that enable basic capabilities, such as trusted authentication, secure data exchange or data preservation



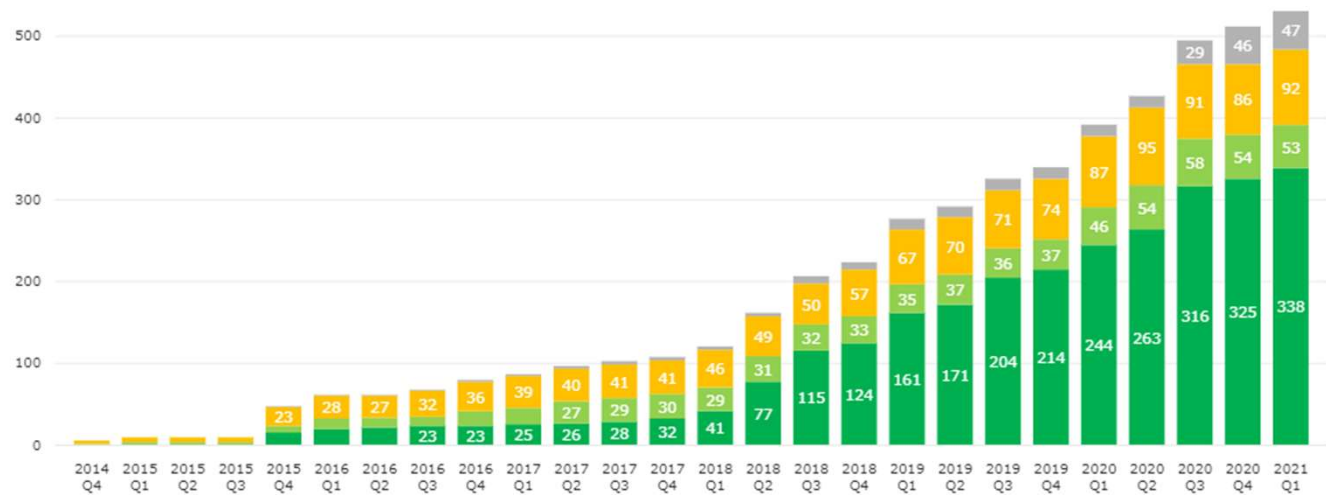
Reuse of Building Blocks in total

The number of projects that have reused any or several of the CEF building blocks has **augmented consistently** throughout the whole duration of the programme. This reuse journey evolves from analysis, to commitment and into reuse after the implementation of the Building Block.



Evolution of reuse

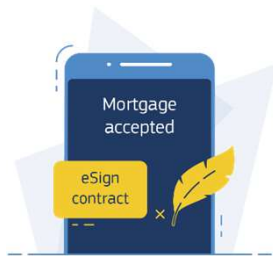
Reuse state ● Reuse ● Commitment to reuse ● Commitment to analyse ● Not going to reuse



* Numbers updated in Q1 2021

Reuse of the eIDAS building blocks

The reuses of the three eIDAS-related building blocks (eSignature, eID and eDelivery) has **augmented consistently** throughout the whole duration of the programme. This shows that there is a **growing demand** for these building blocks, and therefore that they **address the needs** of their users.



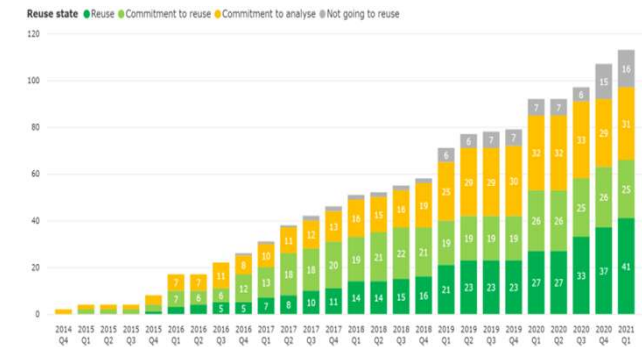
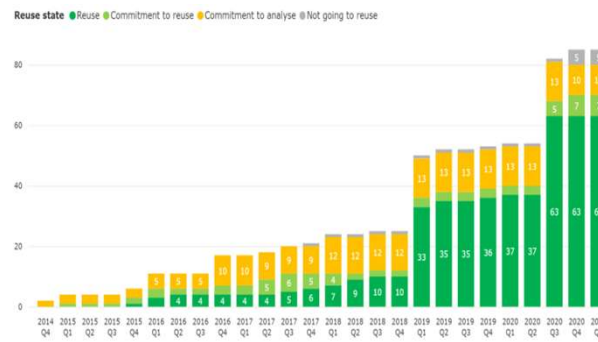
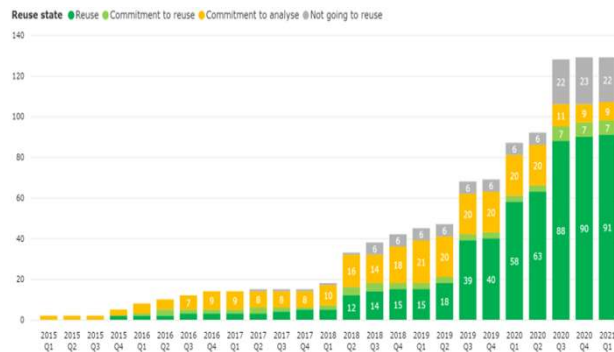
eSignature



eID



eDelivery



Q3 Trust Services Dashboard



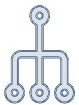
EU Trust Services Dashboard

Augment existing features and enable continuous improvement

The **EU Trust Services Dashboard** is a unifying portal that **centralises** the **CEF eSignature building block tools** and information related to the eIDAS trust services backbone, for the purpose of augmenting existing features and gradually implementing new initiatives into a continuous improvement approach.



Augmenting existing features



Provide tailored access with single entry point



Improving user-experience



Ensure consistent information among tools



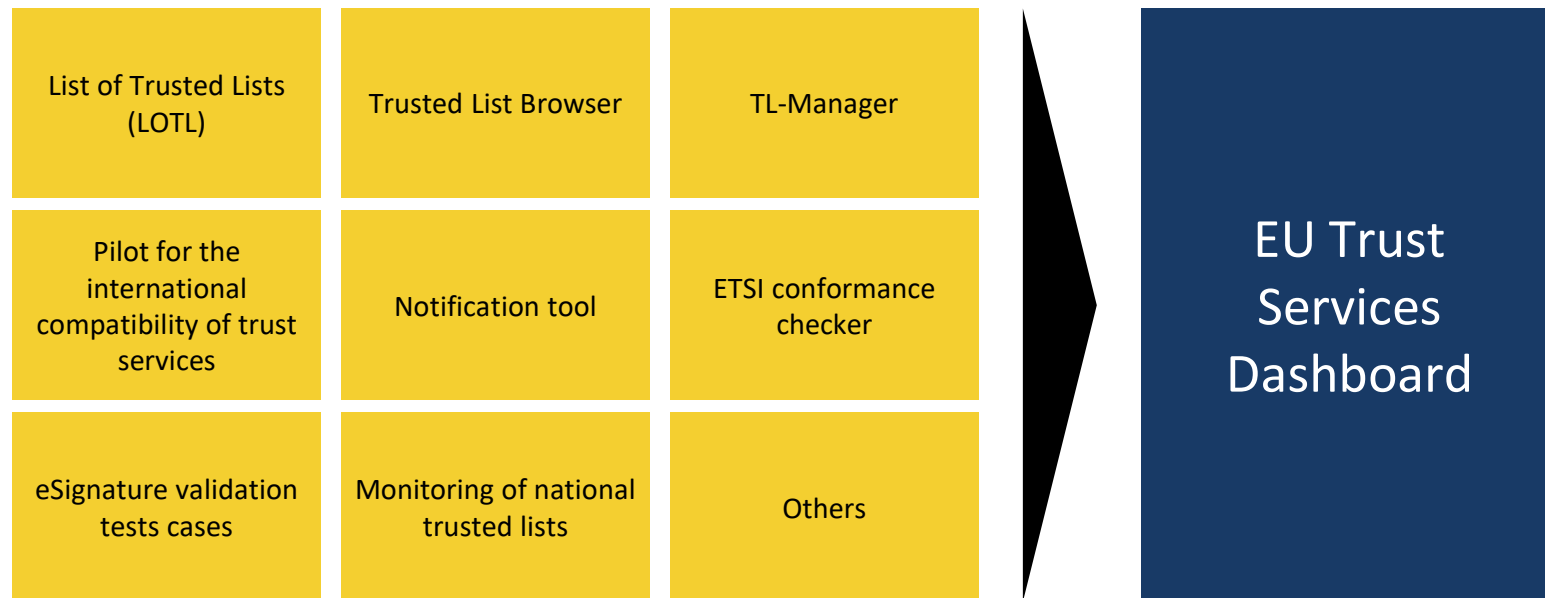
Gradually implementing new initiatives



EU Trust Services Dashboard

Reducing the fragmentation of applications and unifying them in a single tool

The EU Trust Services Dashboard will reduce the fragmentation of the landscape of trust services and tools by unifying them in a single tool. This will help improving the user experience, facilitating the maintenance and ensuring coherence between the different tools and services offered through it.



04

International Compatibility of Trust Services



A more integrated and interoperable world

Electronic signatures outside the EU

EU paving the way

Every day more countries around the world are adopting electronic signatures regulatory frameworks close to eIDAS (EU 910/2014).

Next step: Interoperability

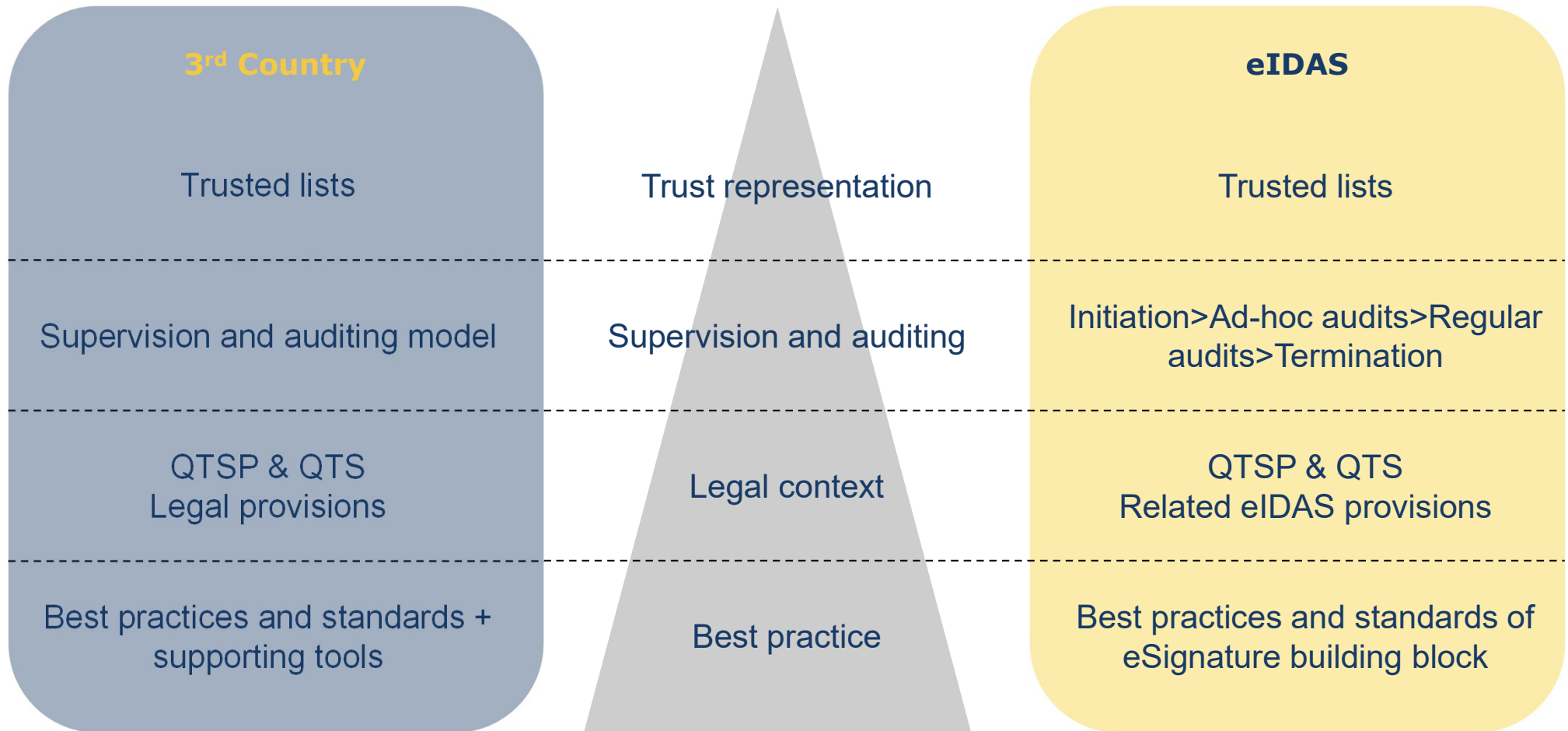
Interoperability of trust services between the EU and third countries will boost the reach of electronic signatures, open new opportunities and improve citizen's daily life.

There is a growing interest from 3rd countries such as Japan, Ukraine etc.

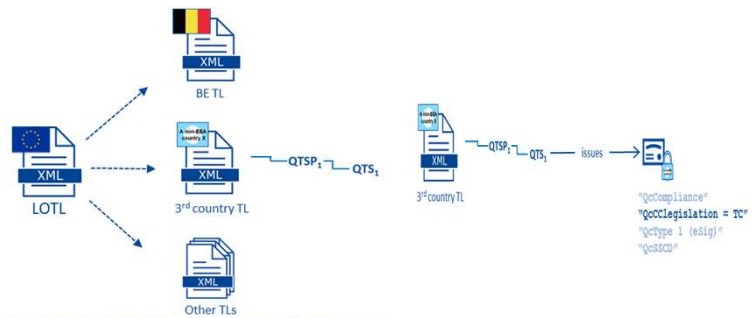


Pyramid of trust

The different trust levels



Tools being made available



A test **LOTL**, pointing to the eIDAS TLs and a 3rd country TL (containing a single TSP entry with a "qualified" status).

A small test **PKI**, set up in order to implement the QTSP/QTS listed in the 3rd country TL, and a test keystore containing the private key supported by a test end-entity qualified certificate for electronic signatures issued by this QTSP/QTS

A **sample document** that has been signed with the above 3rd country QC for electronic signatures, and a QC for electronic signatures from Belgium

A **DSS library** based web application to validate signatures/certificates (from EU and from the 3rd country) of the sample document

An updated version of the **Trusted List Browser** allowing you to browse the test LOTL, the eIDAS trusted lists, and the test 3rd country trusted list above

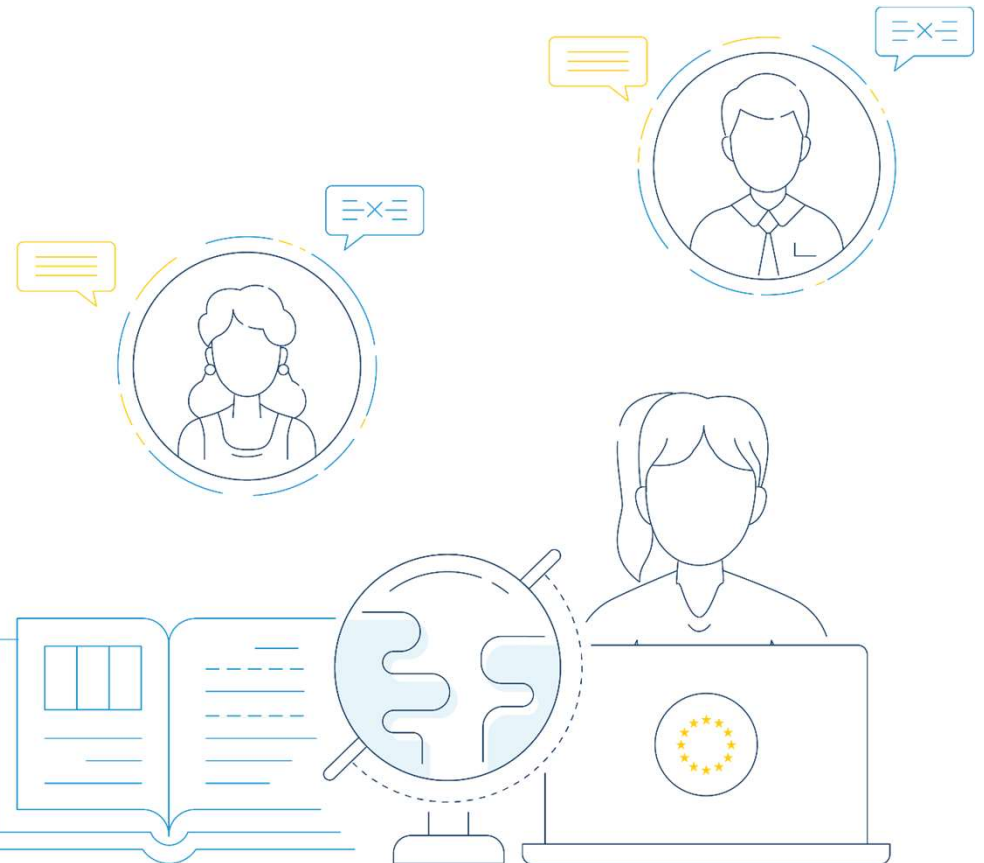
05

ANNEXES

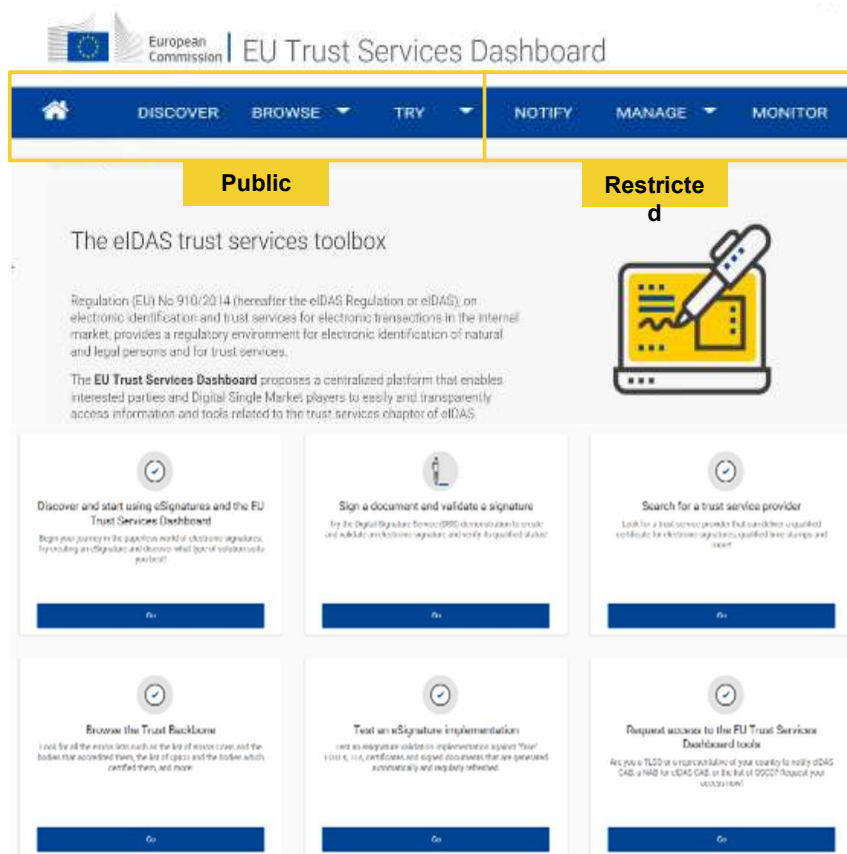


Article 14 of eIDAS

“Trust services provided by trust service providers established in a third country shall be recognised as legally equivalent to qualified trust services provided by qualified trust service providers established in the Union where the trust services originating from the third country are recognised under an agreement concluded between the Union and the third country in question or an international organisation in accordance with Article 218 TFEU”



EU Trust Services Dashboard - Overview



<p>TL – Manager</p> <p><i>The tool for the TLSOs to edit, sign, generate and notify changes related to the management of their Trusted List</i></p>	NEW TOOL
<p>Homepage & Discovery page</p> <p><i>FAQ on the Unifying Portal and the eIDAS trust services framework</i></p>	NEW TOOL
<p>Trusted List Browser</p> <p><i>User-friendly display of eIDAS TLs and LOTL</i></p> <p><i>Useful for end-users looking for a catalogue of eIDAS trust services</i></p>	
<p>Compiled lists of eIDAS</p> <p><i>The browsing of compiled lists of eIDAS accredited Conformity Assessment Bodies, Qualified electronic Signature and Seal Creation Devices, eIDAS Article 30.3(b) and 39.2 alternative processes, and more</i></p>	NEW TOOL
<p>eSignature validation test cases</p> <p><i>Test cases for eSignature solution implementers to test the 'qualification' of eSignatures and eSeals</i></p>	
<p>Notification tool</p> <p><i>User-friendly and filtered browsing of information related to eIDAS trust services</i></p> <p><i>Formal notification process with structured forms of eIDAS information</i></p> <p><i>Verification and publication of notifications</i></p>	NEW TOOL
<p>TL Quality Indicators</p> <p><i>The Commission's tool for measuring the evolution and the quality of TLs</i></p>	NEW TOOL

Pilot for the International Compatibility of Trust Services

Objectives

Provide guidance on how to set up the **mutual recognition** between eIDAS **qualified trust services** and third countries' trust services



Connect

Provide third countries with a **mutual recognition agreement** process flow and methodology



Promote

Position the EU and eIDAS as the **pioneer** of an **international** framework for trust services



Illustrate

Illustrate **mutual recognition** between the eIDAS Member States and a third country with a generic **technical pilot**

Interoperability of trust services between the EU and third countries will boost the reach of electronic signatures, open new opportunities and improve citizen's daily life.

Ready to get started?

Reach out to us to learn more!

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