

Mutual / Global recognition  
of Trust services

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Challenges

# nonEU Trust services recognition under eIDAS

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## Equivalence

- Legal & Regulatory rules  
... incl. how they are enforced
- Supervision & auditing
- Technical specifications or best practices
- Trust & mutual recognition representation

## Challenges

- Open minded
- Mutual respect
- Refer to the rules  
incl. how they are enforced
- Communicate ... & Listen
- Equivalence assessment methodology
- Harmonisation
- Political will
- ... many more

## Facilitators

- ... same as challenges
- Guidances
- ...

# nonEU Trust services recognition under eIDAS

## eIDAS 1.0

(Art.14)

- nonEU TSP/TS must meet eIDAS QTSP/QTS requirements
- Reciprocity
- Trade agreement



## eIDAS 2.0

(Art.14)

- Trade agreement or **Implementing Act/Decision**
  - nonEU TSP/TS must meet eIDAS QTSP/QTS requirements
  - Reciprocity
- + **Trusted list (MRA cookbook)**

- Provision of QC for eSignatures → QESig
- Provision of QC for eSeals → QESeal
- Provision of QC for website auth<sup>o</sup>
- Qualified validation of QESig →
- Qualified validation of QESeal
- Qualified preservation of QESig →
- Qualified preservation of QESeal
- Provision of qualified time stamps →
- Qualified electronic registered delivery services →



## Above 9 QTSs +

- Provision of Qualified electronic attestations of attributes
- Qualified electronic archiving
- Qualified electronic ledgers
- Qualified service for the management of remote qualified electronic signature/seal creation devices

# nonEU Trust services recognition under eIDAS

- EC provides guidance & technical pilot tools to assist 3rd countries
- Assessment on four pillars (Legal, Supervision & auditing, Technical, Trusted List)
- Website on Pilot CEF eSig BB international compatibility



<https://esignature.ec.europa.eu/efda/home/#/screen/international>



MRA Cookbook

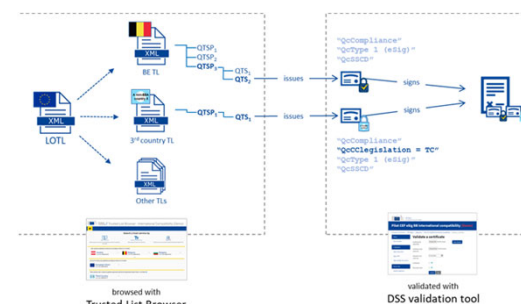


eIDAS Article 14  
Assessment  
Check-List  
(4 pillars)



## Trusted List support

- MRA element specification (and XML Schema Definition)
- MRA element usage
- In EULOTL & Foreign TL



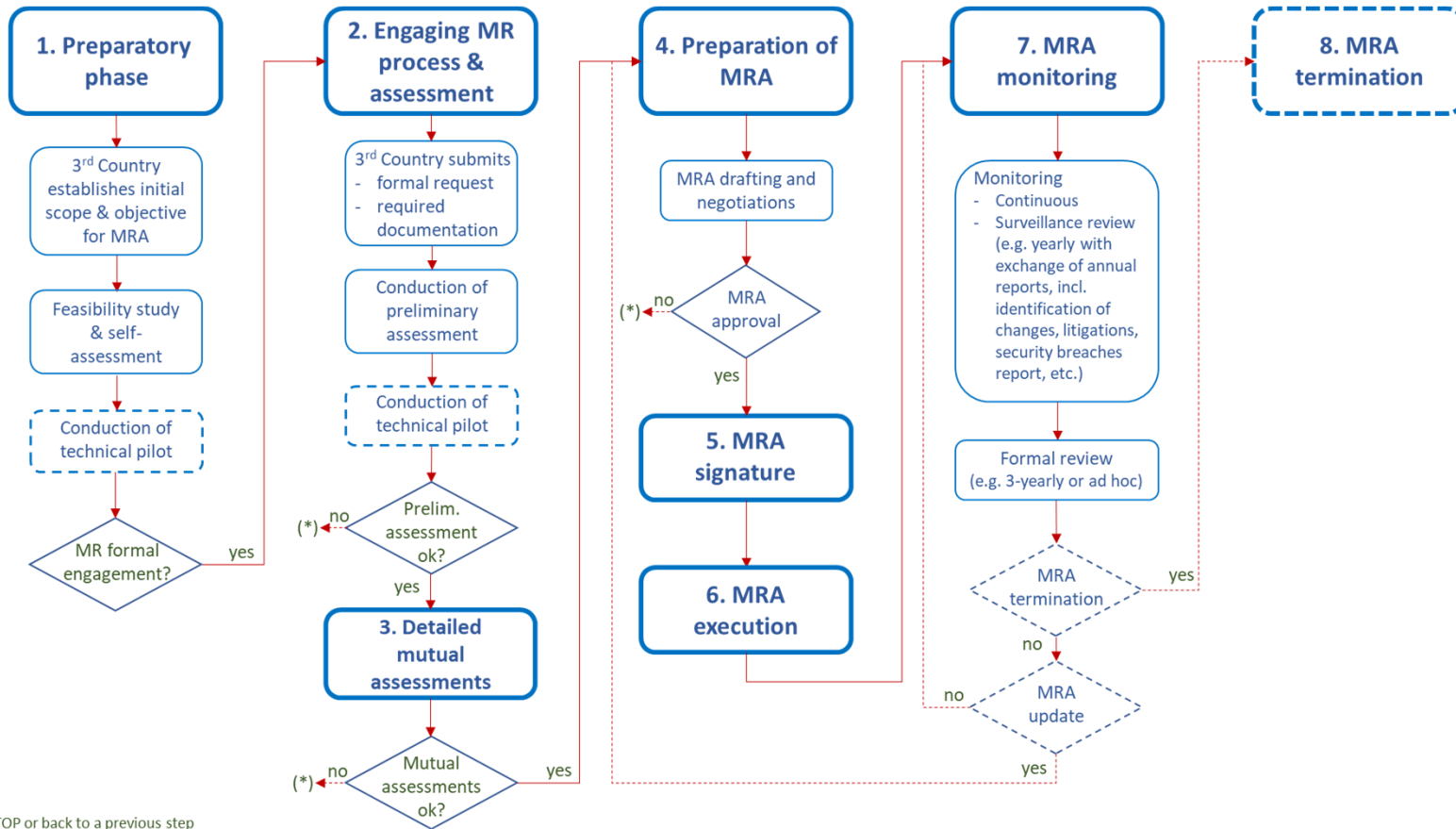
## Technical tools

- Test LOTL
- Small test PKI
- Sample signed document
- DSS library based web application to validate signatures/certificates
- Updated TL Browser

→ Many nonEU Countries have already started self-assessment

# nonEU Trust services recognition under eIDAS

- Reaching recognition can be a long journey



Note on steps 4 & 5: it is up to Council to decide if/when formal negotiations should be opened for conclusion of a MRA

# nonEU Trust services recognition under eIDAS

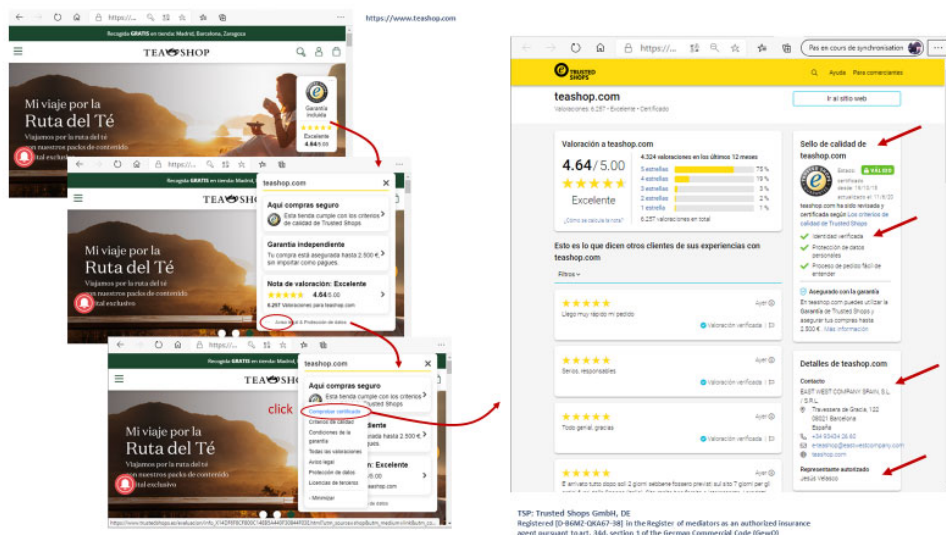
- **Easier for non qualified trust services ?**

- From wherever they are originated in the World, digital signatures that meet the requirements of **Advanced electronic signatures/seals** should not be denied any legal effect and, when meeting formats in CID (EU) 2015/1506 be recognized by Member State requiring an advanced electronic signature to use an online service offered by, or on behalf of, a public sector body

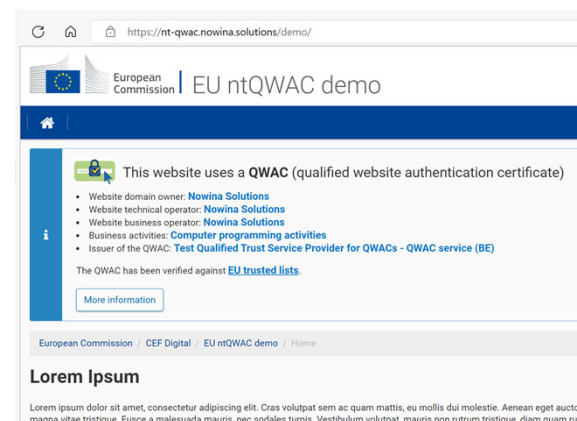
→ Facilitator: The concept of MRA element in AdES LOTL could facilitate the recognition of foreign AdES based for example on foreign TL enabling validation of foreign QES

- **Website authentication certificates** based on a “two-certificate” or “non-TLS approach” are actually rather common and accessible to end-users (e.g. Trusted Shops, Avisvérifiés.com)

→ Non TLS QWACs (2certs approach) ?  
Feasibility demonstrated by EC demo



TSP: Trusted Shops GmbH, DE  
Registered (ID-Nr.): Q1667-186 in the Register of mediators as an authorized insurance agent pursuant to art. 344, section 1 of the German Commercial Code (HwG)



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# Questions - contact

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