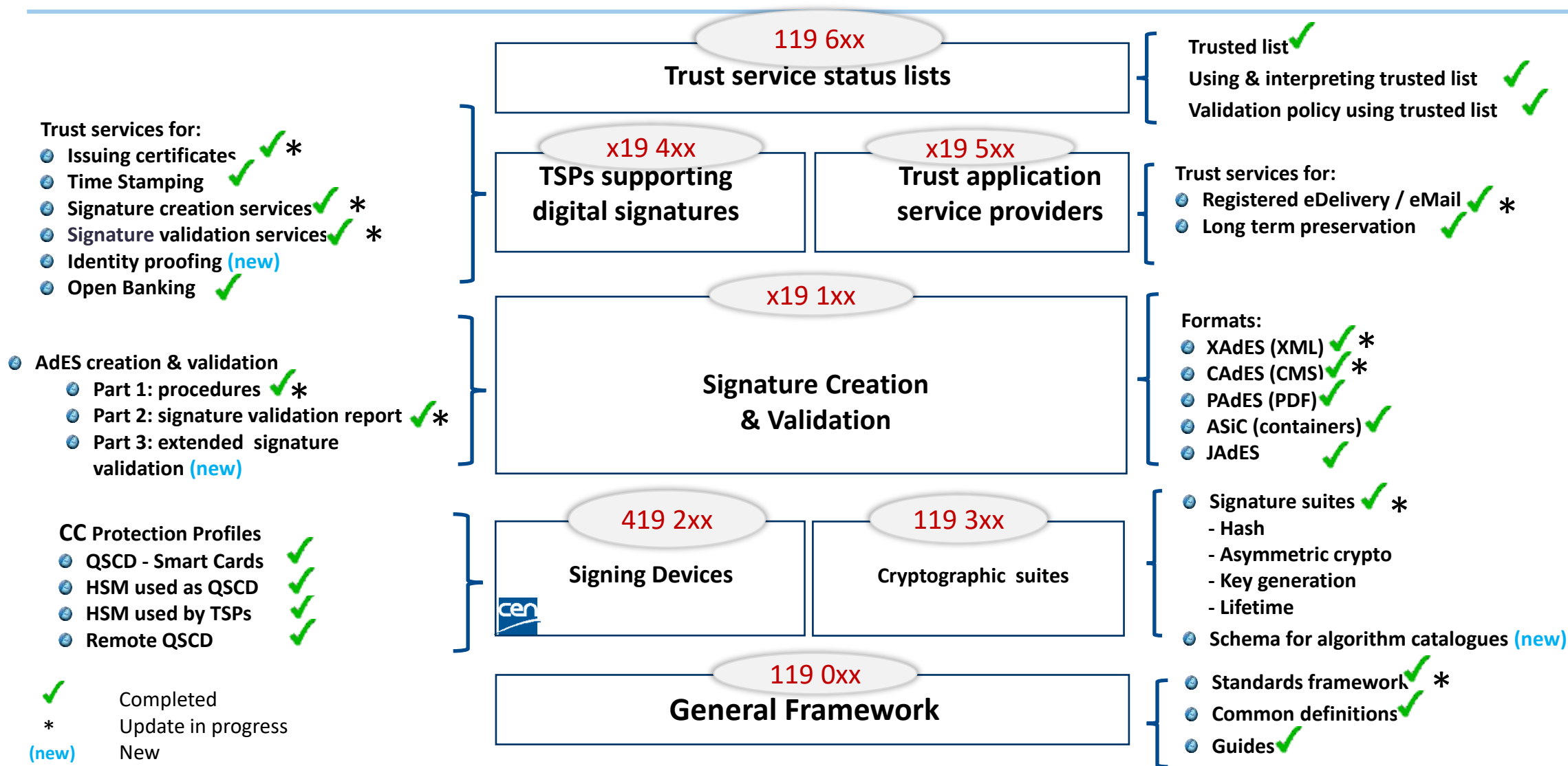# The Standards People

ETSI standards for trust services and digital signatures – Closing remarks

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For: **ETSI Standards Training Webinar**

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Trust service status lists — 119 6xx

Trusted list ✔
Using & interpreting trusted list ✔
Validation policy using trusted list ✔

Trust services for:
- Issuing certificates ✔ *
- Time Stamping ✔
- Signature creation services ✔ *
- Signature validation services ✔ *
- Identity proofing (new)
- Open Banking ✔

TSPs supporting digital signatures — x19 4xx

Trust application service providers — x19 5xx

Trust services for:
- Registered eDelivery / eMail ✔ *
- Long term preservation ✔

Signature Creation & Validation — x19 1xx

Formats:
- XAdES (XML) ✔ *
- CAdES (CMS) ✔ *
- PAdES (PDF) ✔
- ASiC (containers) ✔
- JAdES ✔

- AdES creation & validation
  - Part 1: procedures ✔ *
  - Part 2: signature validation report ✔ *
  - Part 3: extended signature validation (new)

CC Protection Profiles
- QSCD - Smart Cards ✔
- HSM used as QSCD ✔
- HSM used by TSPs ✔
- Remote QSCD ✔

Signing Devices — 419 2xx

Cryptographic suites — 119 3xx

- Signature suites ✔ *
  - Hash
  - Asymmetric crypto
  - Key generation
  - Lifetime
- Schema for algorithm catalogues (new)

General Framework — 119 0xx

- Standards framework ✔ *
- Common definitions ✔
- Guides ✔

✔ Completed
* Update in progress
(new) New

Future trends

eIDAS 2020 Review

EU eID

- ⋁ Currently eID is nationally based

- ⋁ Possible pan Europe Electronic Identities based on standards

Distributed ledger Technology / Blockchain

- ⋁ Implication on existing digital signature & trust services

- ⋁ Possible use of EU ID Credentials linked to Self Sovereign Identities

Your questions

Thank you for your participation and further information

Information on available standards and current activities:
https://portal.etsi.org/TBSiteMap/ESI/ESIActivities.aspx

ETSI standards: available for free download http://www.etsi.org/standards-search

CEN standards: available through National Standards Organisations

Updates on standardisation: https://list.etsi.org/scripts/wa.exe?SUBED1=e-signatures_news&A=1

The slides & a recording of the training sessions will be available on the
 event website:

https://www.etsi.org/events/1926-webinar-etsi-standards-for-trust-services-and-digital-signatures