

eIDAS trust services as a European digital commons

OTSPI is a public-interest initiative, currently being formed as a non-profit association under the French law of 1901. It is building an open, auditable and inalienable trust service provider: time-stamping, certificates, seals, signatures and identity, through standard APIs and with no per-transaction fees.

WHY NOW

24.12.2026

deadline for each Member State to provide the European Digital Identity Wallet

10 million

economic actors in France affected by mandatory e-invoicing (broadest scope)

≈ €10,000

excl. VAT per year to time-stamp 15,000 documents a month, at a qualified provider's public prices

47 days

maximum validity of a Web certificate in 2029, down from 398 in 2025: automation becomes mandatory

THE PROBLEM

- **280 qualified providers** in the EEA, yet a single model: prior contract, per-unit pricing, proprietary interfaces, markets fragmented by country.
- **SMEs, local authorities, universities and open source projects** are in effect shut out of qualified evidence.
- **64 %** of websites rely on a single certificate authority, established outside the Union.

OUR RESPONSE

- **Fully open code** (EUPL 1.2), standard APIs (RFC 3161, ACME).
- **Free baseline service**, identical for everyone; contributions only for enhanced commitments.
- **Entrenched draft statutes**: unamendable purpose, no for-profit conversion, keys and assets beyond appropriation.
- **Governance with segregated duties** (ETSI EN 319 401), verifiable security, public log.

ALREADY RUNNING

An RFC 3161 time-stamping service runs in a **public test environment**, on an engine written in Rust and published as open source. Demo: demo.open-eidas.eu · Code: github.com/otspi/open-eidas

Not qualified: tokens issued have no legal value. No qualification has been applied for to date.

ROADMAP

- | | | | | |
|--|---|--|---|---|
| 1 Presenting
to authorities and researchers, for their opinion | 2 Test bench
public environment, pilot policy and CPS | 3 Qualification
audit and application for qualified status | 4 TLS authority
automated DV, OV / QWAC, WebTrust | 5 Seals, signatures, identity
in parallel |
|--|---|--|---|---|

These phases describe intended steps; they do not prejudge the opinions of institutions, nor decisions within their sole competence. No timetable is set.

We are looking for partners

Hosting and sovereign cloud providers · funders and foundations · research laboratories · eIDAS auditors · invoicing software vendors · local authorities. And people to hold the independent roles: authority officers, CISO, trust policy committee.

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