

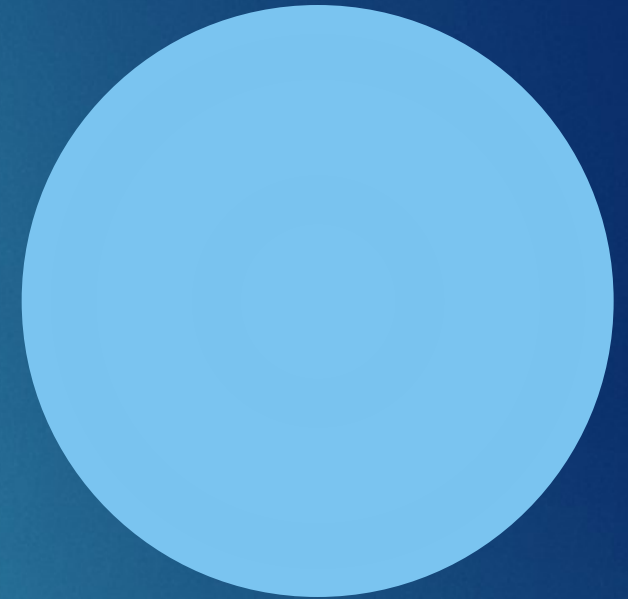
Trusted Certificate Services (TCS)  
Kick of Meeting

JANUARY 7, 2025



## Agenda

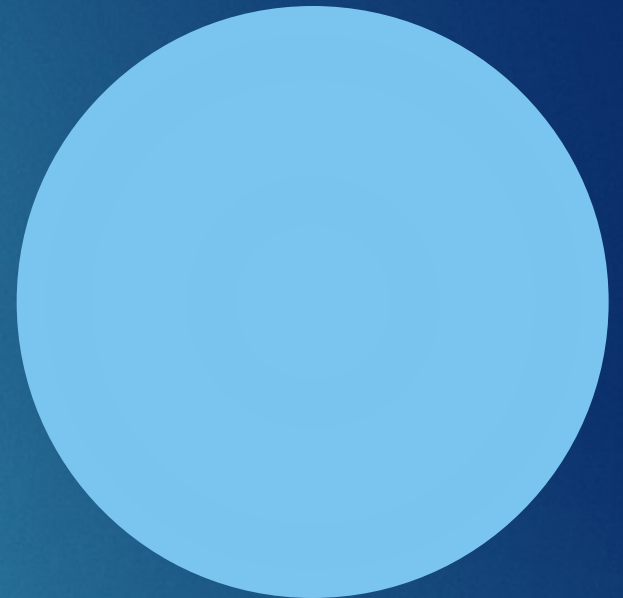
- ▶ Organizational chart
- ▶ Project Deliverables
- ▶ Project timelines
- ▶ Training
- ▶ Other issues
- ▶ Contact







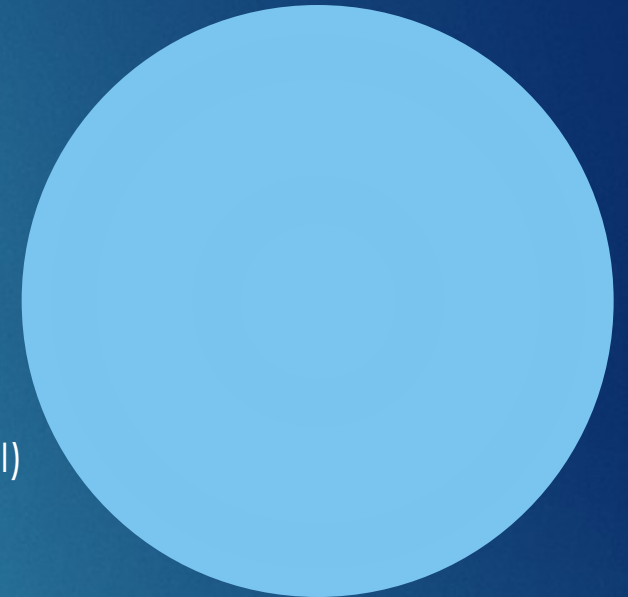
- ▶ **TLS Certificates (DV, OV)**
  - ▶ Via web portal (<https://cm.harica.gr>)
  - ▶ Via ACME endpoints
  - ▶ Via RA API
- ▶ **S/MIME Certificates (email-only, SV)**
  - ▶ Via web portal (<https://cm.harica.gr>)
    - Individually
    - In bulk (Enterprise Admin)
  - ▶ Via RA API





## Project timelines (completed)

- ▶ Issuance of dedicated Sub CAs for S/MIME and TLS certificates
- ▶ Modification of S/MIME profiles
- ▶ SAML Authentication via EDUGAIN
- ▶ CDN for OCSP Services
- ▶ Creation of "Enterprise Manager" (NREN-level role) to:
  - ▶ On-board multiple "Enterprises"
  - ▶ Set Admins on each "Enterprise"
  - ▶ Upload Base Domain Names and Identity validation evidence (optional)
- ▶ Enhance role of "Enterprise Admin" (Enterprise-level role) to:
  - ▶ Set Approvers/Admins on their "Enterprise"
  - ▶ Upload Base Domain Names and Identity validation evidence
  - ▶ Perform Domain Validation
- ▶ Bulk issuance of S/MIME Certificates (via "Enterprise Admin")
- ▶ Training material for NRENs, Enterprise Admins, Enterprise Approvers

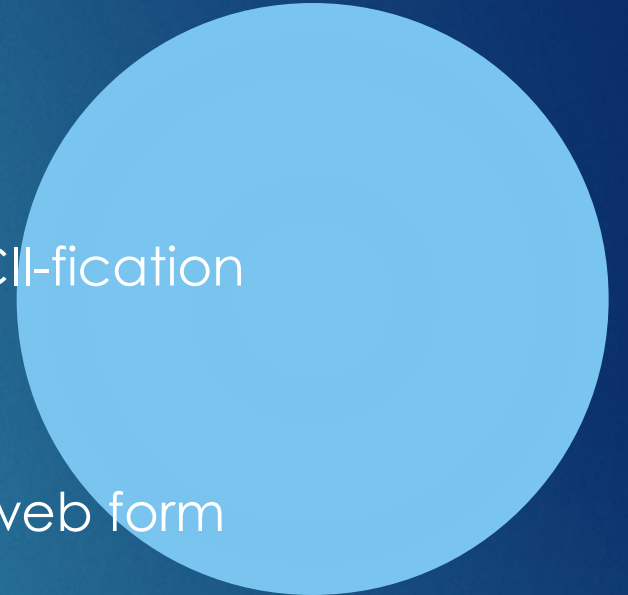




## Project timelines (in progress)

Expected to be completed by January 10

- ▶ IGTF certificate profiles
- ▶ Post ceremony actions
- ▶ Private PKI for GRID client certificates (except for the ASCII-fication of DN components)
- ▶ High availability for RA services
- ▶ For TLS Certificates, accept SAN input via CSR, CSV and web form field
- ▶ S/MIME Certificates generated in PKCS#12 format

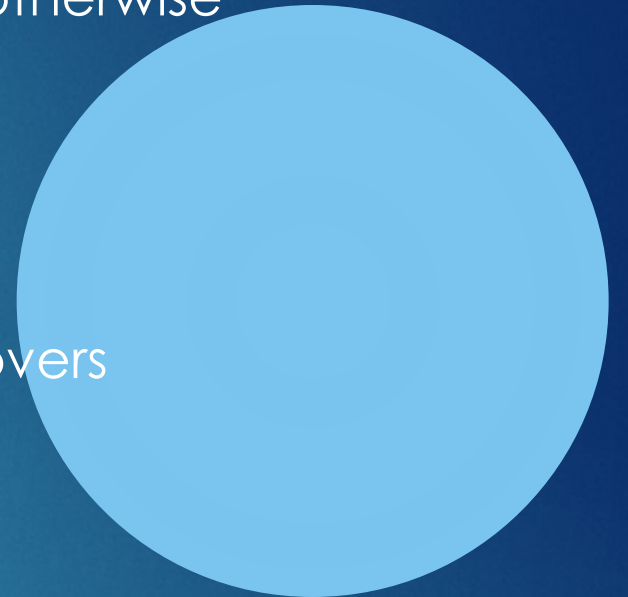




## Project timelines (Remaining)

Expected to be completed by end of March unless stated otherwise

- ▶ TLS-OV-IGTF Certificates
- ▶ New high-performance HSMs installation (by end of Jan)
- ▶ Validation methods based on CAA/TXT
- ▶ Notification sent to aliases or directly to all Admins/Approvers
- ▶ CDN for CRL service (by end of Jan)
- ▶ Flexible ACME service
- ▶ Issuance of TLS Certificates with IPAddress values
- ▶ Pre-signed OCSP service in AWS (for TLS)









## ▶ GEANT, TCS-PMA, NREN reps

### ▶ *Training Schedule for NREN Members*



#### ▶ Day 1: Enterprise Manager

 Date: 8 January 2025  
 Time: 11:00 - 13:00 CET

#### ▶ Day 2: Enterprise Admin/Approver Role Assignments

 Date: 9 January 2025  
 Time: 11:00 - 13:00 CET

#### ▶ Day 3: Certificate Requests

 Date: 10 January 2025  
 Time: 11:00 - 13:00 CET

### ▶ List of authorized personnel

### ▶ Sign up to test environment (cm-stg.harica.gr)

## ▶ HARICA

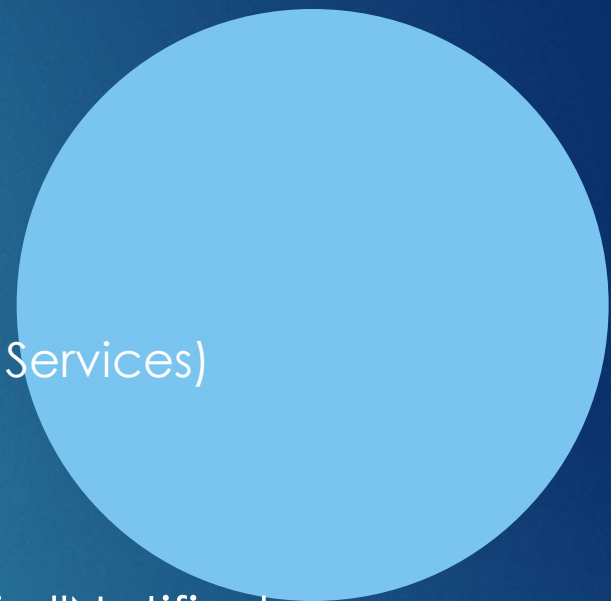
- Schedule zoom meetings
- Presentation (certificates requests, examples)
- Meeting will be recorded and shared with the participants
- Guides (online material)
- Support by email



## Other issues

Certificate Requests for TCS have already been enabled

- ▶ Issue first invoice. Payment until Jan 18, 2025
  
- ▶ Remaining contractual issues
  - Agreement for additional Services (Certificates and Signing Services)
  - Invoicing through Geant
  
- ▶ Improve identity validation experience for TCS Members in "Notified eID" EU Member States
  - HARICA is already integrated with MyAcademicId for eIDAS authentication via EduSign
  - Allow HARICA to use the integration for Qualified Certificate Services





- ▶ Project Manager: Dimitris Zacharopoulos
- ▶ Lead CA Admin: Antonis Eleftheriadis
- ▶ Lead Developer: Kostas Maneadis
- ▶ Lead Support/Validation Specialist: Giannis Kostopoulos
- ▶ Slack channel communication
- ▶ [support@harica.gr](mailto:support@harica.gr)
- ▶ [billing@harica.gr](mailto:billing@harica.gr)
- ▶ [support-tcs@harica.gr](mailto:support-tcs@harica.gr)

