- GÉANT Task Force but not typical.
- Even mix of NREN, commercial, government / national CERTS.

- Meets three times a year.
- 100 – 200 people per meeting.
- Closed, only for teams in TI.

- Provides both taught courses and licenses materials for general use.

- Procured service.
- Supports listing, accreditation and certification of teams.
Strategic Aims

- Safeguard and enhance the trusted infrastructure’s maturity process
- Improve TF-CSIRT governance
- Leverage community knowledge
- Champion the prestige and visibility of TF-CSIRT
- Develop a future business and financial model
- Improve internal organizational processes
- Improve face-to-face engagement
- Improve TF-CSIRT governance
- Leverage community knowledge
Strategic Goals (1)

**Improve TF-CSIRT Governance**
- Create a Steering Committee communication pitch
- Increase the length of terms for Steering Committee members
- Adopt a portfolio of work for each Steering Committee member
- Have a Steering Committee update at every meeting

**Leverage Community Knowledge**
- Develop the training portfolio
- Re-evaluate the positioning of training
- Re-establish working groups and secure resources

**Champion the prestige and visibility of TF-CSIRT**
- Identify trust circles and key conversations to join and dedicate responsibility

**Develop a future business and financial model**
- Research future models and options for TF-CSIRT structure and present to members
Strategic Goals (2)

Improve face-to-face engagement
- Revisit content format for meetings
- Introduce post meeting evaluation by Steering Committee and community (not survey)
- Ensure 80% of accredited teams at meetings annually
- Keep meetings affordable
- Co-locate meetings

Improve internal organizational processes
- Clarify the roles and responsibilities of SC, GÉANT and Service Provider
- Evaluate existing resource allocation to activities

Safeguard and enhance the trusted infrastructure’s maturity process
- Complete revision of listed criteria and status
- Revise accredited criteria and status
- Encourage team progression through maturity status
TF-CSIRT Growth and success: 2013-2021

- Growth in participation at meetings: 60-80 attendees to 250+ attendees per meeting
- Growth in Trusted Introducer teams: 95 accredited teams to 200+ accredited teams
- Professionalised processes: response testing, dispute resolution, geographical policy, website and logos
- TF-CSIRT Strategy
- Complete review of TRANSITS materials
- Broader reach for TRANSITS: CSIRTS in Asia, work in Africa
- Formalised relationship with FIRST, ENISA and other partners
- Improved meeting agendas: lightning talks, content review, themed topics
Trusted Certificate Service

TCS timeline:

2005 2010 2015 2020

Average cost of around 5 euros per certificate (ignoring variables)
Over 100,000 certificates issued annually
34 participating NRENS
Access via SAML using Seamless Access

Server  IGTF server  personal  IGTF personal

IGTF robot  Code signing  Doc signing

www.geant.org
Next Generation TCS

TCS will need to radically change in the next 3-4 years

Pressing issues

• Move to 90 day validity period
• Automation (ACME) becomes essential
• Browsers acting to make Let’s Encrypt the only option

Potential future models

• Extensive automation training and support
• Disaggregated model for TCS (no server certificates) ?
• Opportunities to improve document signing approaches
• Tooling to help orgs with automation?