



**TF-CSIRT**

## **TF-CSIRT and TCS Futures**

**SIG-ISM, October 2021**

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Online

26<sup>th</sup> October 2021

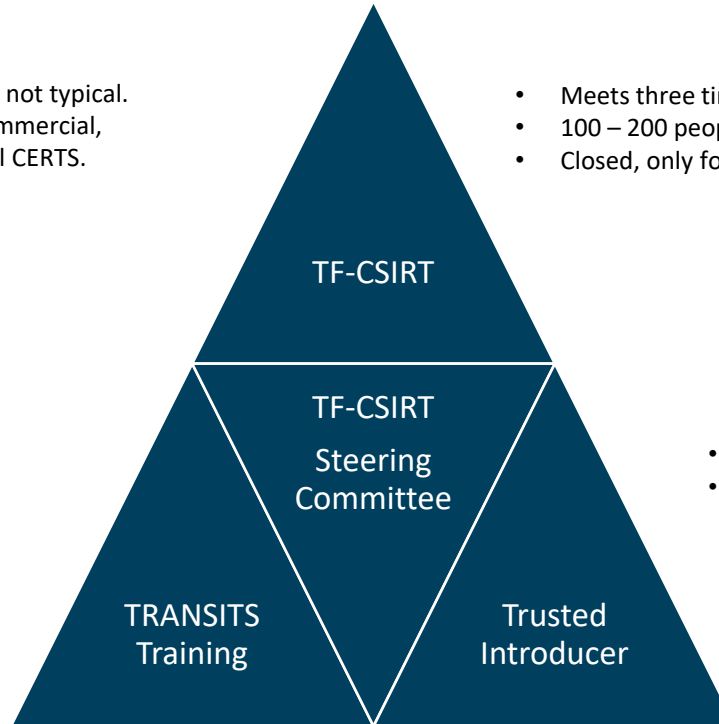


- GÉANT Task Force but not typical.
- Even mix of NREN, commercial, government / national CERTS.

- 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.

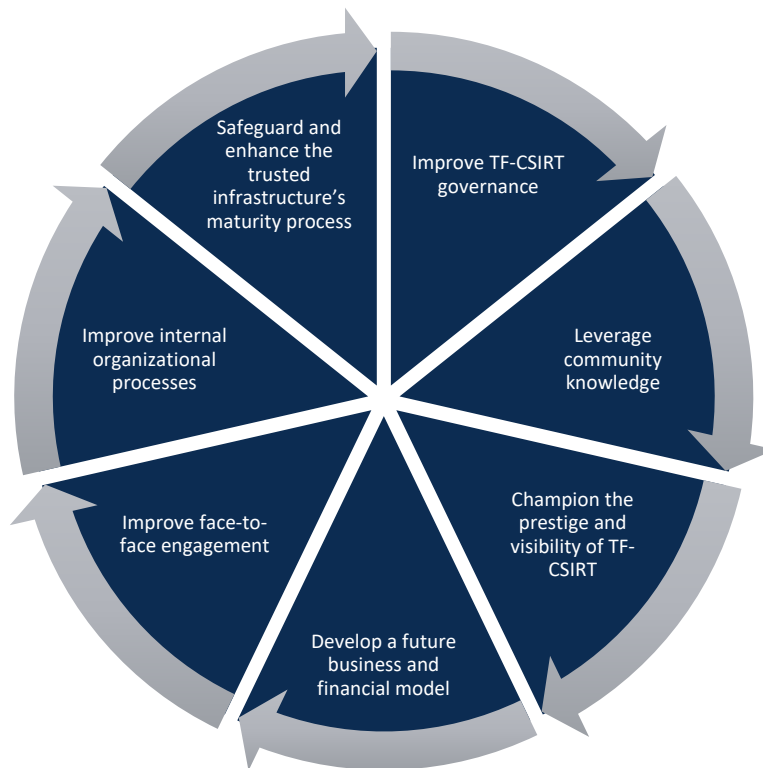
- Procured service.
- Supports listing, accreditation and certification of teams.



# Strategic Aims



TF-CSIRT



# Strategic Goals (1)



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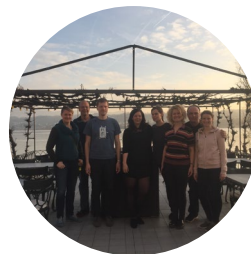
## Improve TF-CSIRT Governance

- 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





## 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

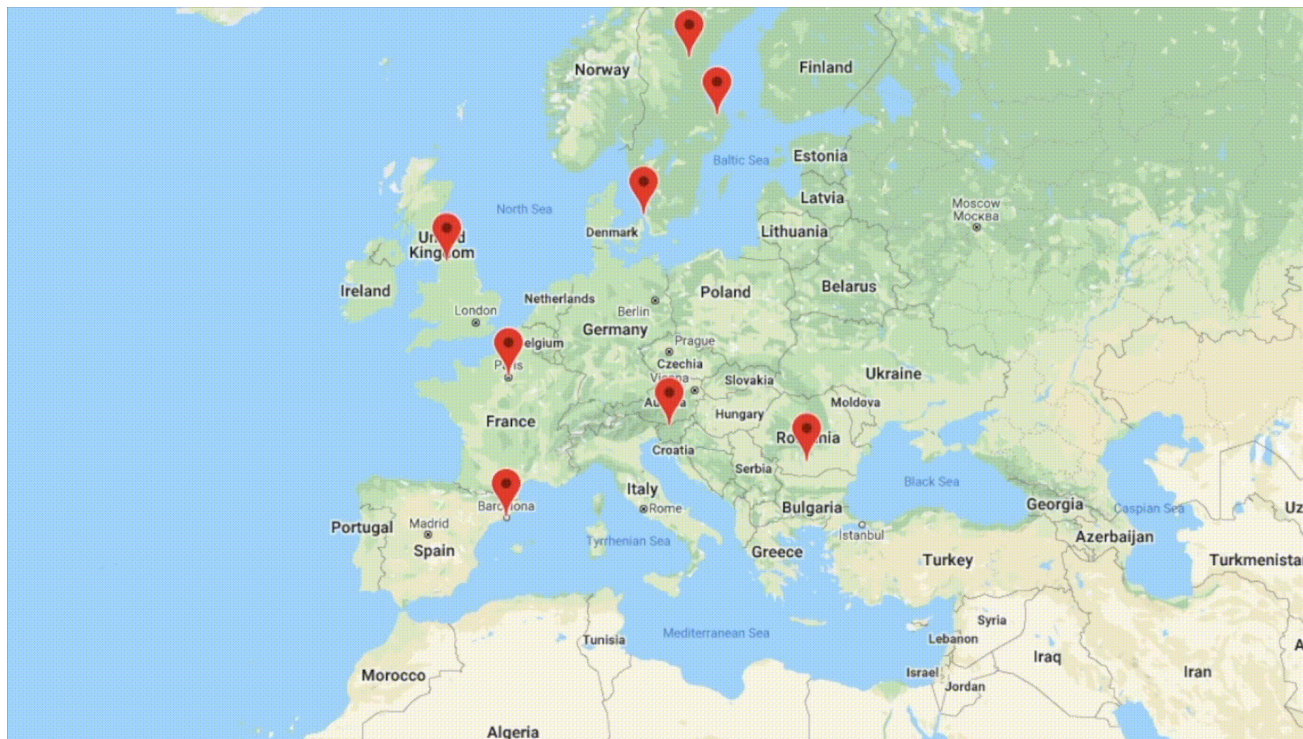
- Clarify the roles and responsibilities of SC, GÉANT and Service Provider
- Evaluate existing resource allocation to activities



## 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







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:



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



personal



IGTF personal



IGTF robot



Code signing



Doc signing



# 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?