



# << TI >> the Trusted Introducer

Status report  
including  
Updates from accredited teams meeting

Don Stikvoort, TI



# TI – the trust network



- The TI provides the “trusted network” for CSIRTs in Europe
  - Consider a cloud of N teams
  - Classical case:  $\frac{1}{2} * N * (N-1)$  *trust* relations to be maintained
  - TI case: N *trust* relations to be maintained

N	$\frac{1}{2} * N * (N-1)$
5	10
10	45
20	190
50	1225
100	4950
200	19900



# TI – the listed teams

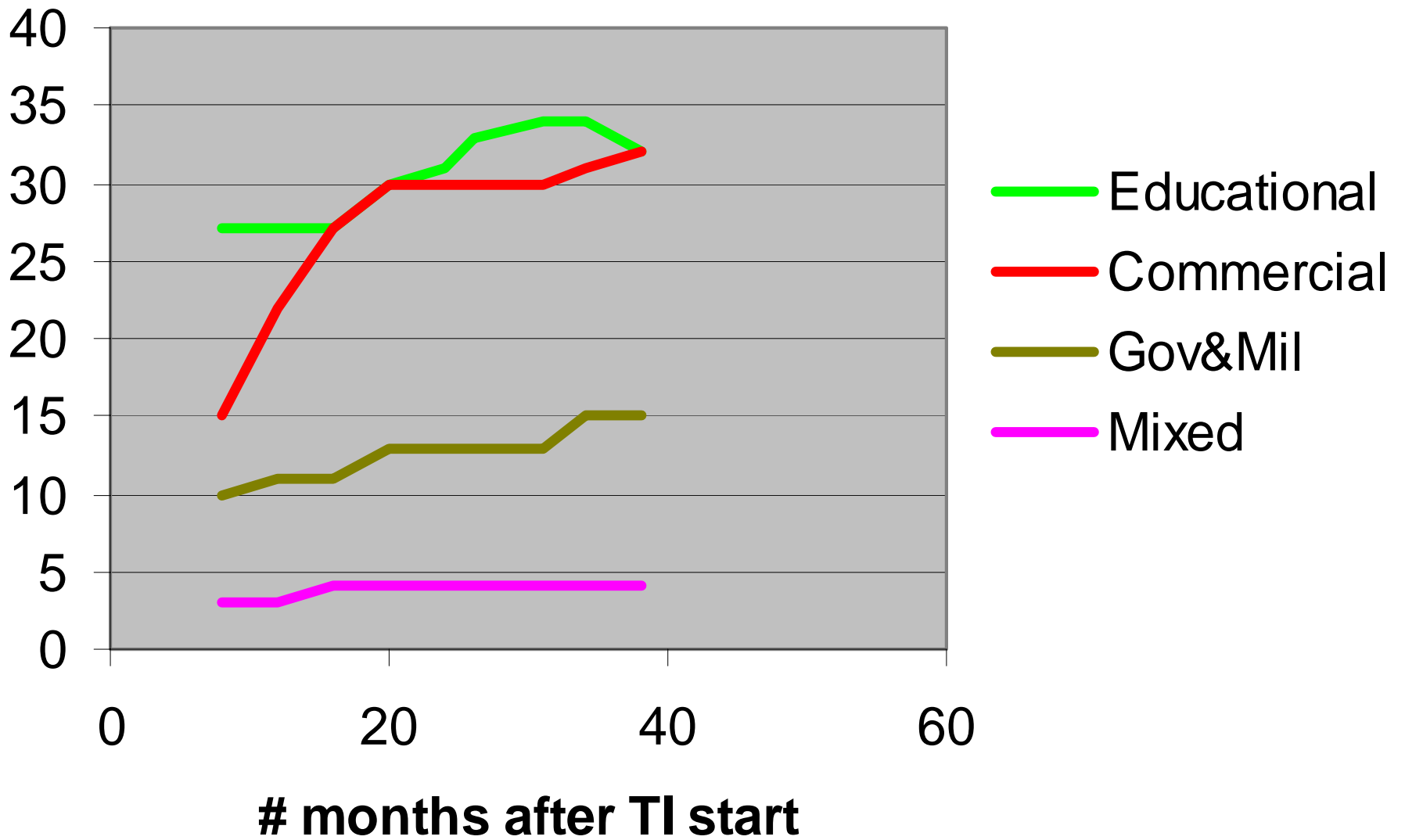


- TI holds a **public** database of all “listed” CSIRTs in Europe
  - Provided free of charge by courtesy of the TI accredited teams
- Every CSIRT can have itself listed, at no cost
- Mainly contact information
- Maintenance of the database is low-level
  - Deleting entries when TI learns they do not exist or respond anymore
- To be added: all information on the IRT-object in the RIPE database and how to use it

→ <http://www.ti.terena.nl/>



# # "Listed" CSIRTs



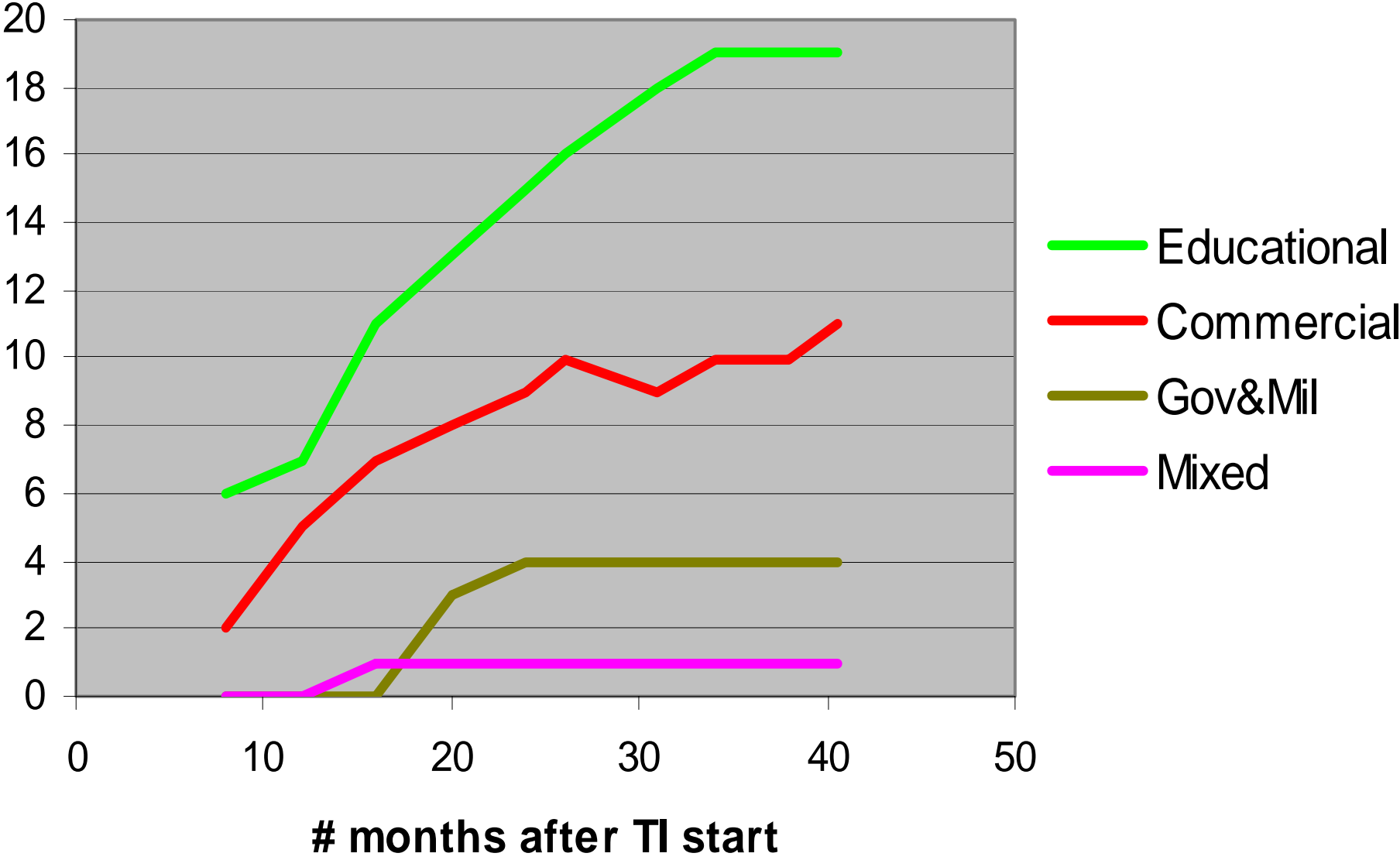
# TI – the accreditation



- “listed” teams can request TI to go for accreditation
  - This process takes 1-3 months
  - Accreditation requires:
    - Handing over all data to be stored in the database
    - Having a well-defined CSIRT service and a constituency to serve, to fulfill the criteria
    - Being reachable for all accredited teams and preferably also for the wider community
    - Being prepared to actively maintain all data provided
  - The accredited teams are considering to add a “Code of Ethics” to the accreditation requirements
    - Code of Ethics will be published when available
- ➔ Apply for accreditation at [ti@s-cure.nl](mailto:ti@s-cure.nl)



# # "Accredited" CSIRTs



# TI – accredited teams only (i)



- The accredited teams form a trusted network of CSIRTs within the TF-CSIRT environment
- Main benefits of being accredited
  - Access to the trusted network
  - Good base to establish bilateral trust relationships with peers
  - Access to the secure TI database
    - Extensive information on peers
    - Downloadable keyfiles and contact data files (for easy integration with own CSIRT database, PDA, laptop, etc)
  - PGP key signing of team and representative key by the TI



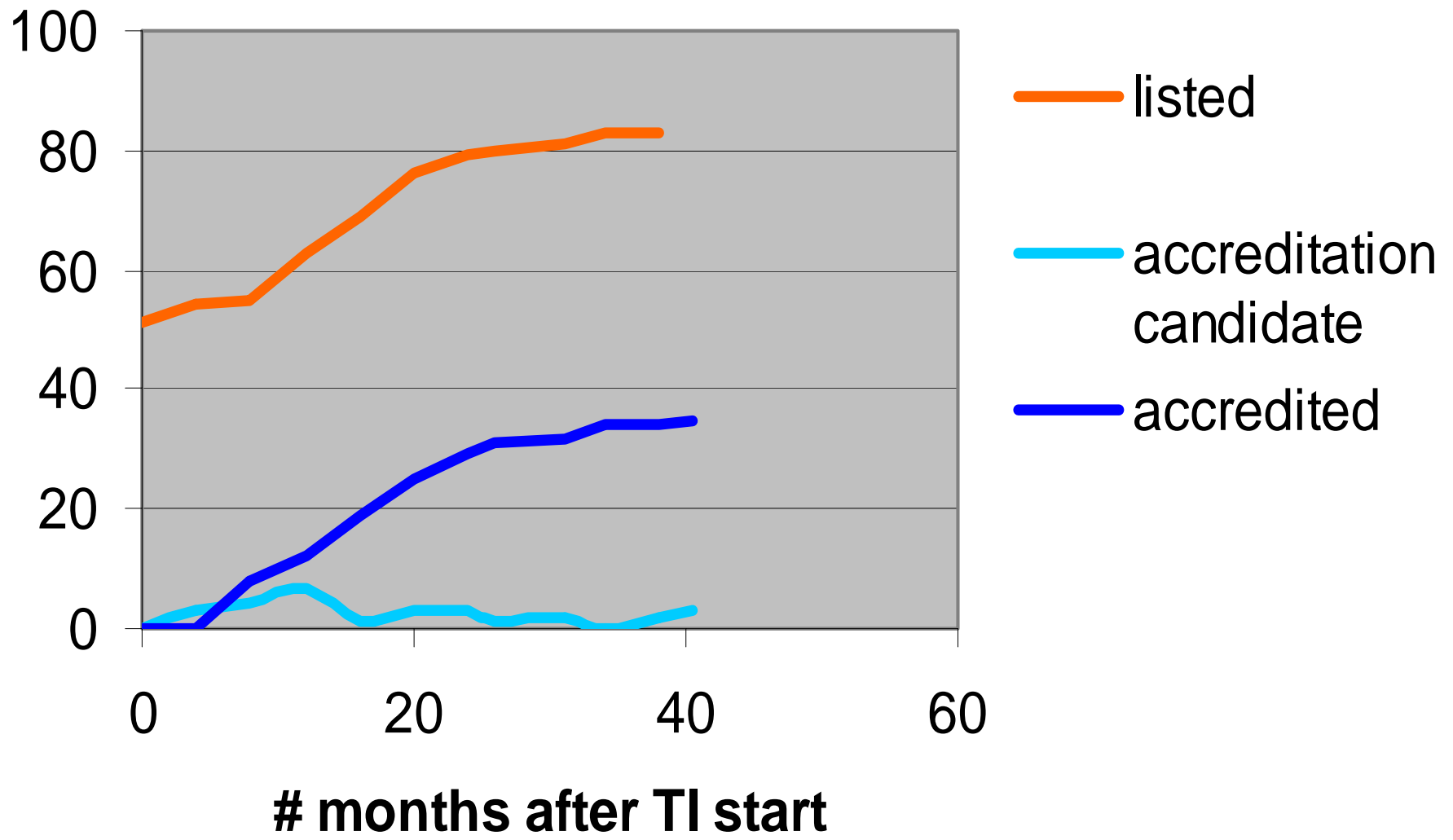
# TI – accredited teams only (ii)



- (continue) main benefits of being accredited
  - The IRT object in the RIPE database is filled and maintained by the TI for accredited teams
  - Services that require a trusted base of CSIRTs will stay reserved for accredited teams
    - PKI service under development additional to PGP
      - will extend the PGP scheme to X509 certificates, with TI acting as CA and the TI accredited teams as RAs
    - Offering eCSIRT.net follow-up services is being considered
      - Sharing statistics
      - Out-of-band alerting schemes
      - Re-encrypting mailgateway
  - Last but not least : the accreditation as part of your quality framework
    - Growing need for standards (ISO-17799 etc) and accreditation/certification systems



# # CSIRTs in TI repository



# TI – thank you for your trust!



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➔ Any questions ??

