## Establishment of Cypriot Academic CSIRT



#### 58th TF-CSIRT Meeting September 17, 2019

Co-financed by the Connecting Europe Facility of the European Union

## Talk outline



- 2 The Academic CSIRT of Cyprus
- Main Objective of the proposed Action
- 4 Further Objectives
- 5 Stakeholders







토 🕨 🛪 토 🕨

## CYNET

- The Cyprus Research and Academic Network (CYNET) is the NREN of Cyprus.
- Founded by decision of the Council of Ministers in May 2000.
- Founding members: Ministry of Finance on behalf of the Cyprus Republic, University of Cyprus and the Research Promotion Foundation.
- Currently, all the Universities and Research Institutes of the Republic of Cyprus are connected via CYNET to GEANT.
- CYNET's objective is to provide e-infrastructure and e-services exclusively to the educational and research community through its participation in programmes funded by the European Union.
- Operations and services are financed 100 % by users since 2013.



★ 문 ► ★ 문 ►

# The Academic CSIRT of Cyprus

- In 2010 CYNET was assigned the creation and setting up of the Cyprus Academic CSIRT (CYNET-CSIRT), as part of the National Digital Strategy. The project did not progress then due to lack of funding that made completion of the project impossible.
- In 2017 the submission of a successful proposal resulted in the granting of funds through CEF (Connecting Europe Facility).
- CYNET in collaboration with DSA Digital Security Agency of Cyprus and 2nd partner in the proposal - were selected for funding, with the action '2017-CY-IA-0121: Establishment of Cypriot Academic CSIRT', under the 'Connecting Europe Facility Call for proposals: CEF Telecom Call 2017 CEF-TC-2017-2'.



< E ≥ < E ≥</p>



## Main Objective of the proposed action

### Establishment of the CYNET-CSIRT by

- developing tools for analysis, identification and detection of threats;
- running awareness campaigns ancillary to capabilities development;
- performing maturity assessment and development, encompassing governance and legal compliance;
- training current staff, running joint training courses with the Cyprus National CSIRT;
- participating in collaboration meetings and Europe-wide cybersecurity exercises; and
- performing data protection compliance audits.



> < 至 > < 至 >



# Main Objective of the proposed action (*cont.*)

## MISSION

### CYNET-CSIRT aims to

- Provide
  - Incident response and security services to all Academic Institutions, Research Institutes & educational networks - members of the CYNET.
  - Early warnings, alerts, annnouncements and dissemination of information to its constituency and relevant parties regarding risks and incidents.
- Educate its members about
  - the effects of cyber threats and cyber-crime, and train them to provide early warnings, alerts, announcements and efficient use of the

respective tools.



o-financed by the Connecting Europe acility of the European Union

< 注 > < 注 >

## **Further Objectives**

- Proposal also includes actions for connecting with national and EU CSIRTs.
  - Concept: the exchange of knowledge and expertise, in order to join forces to benefit the Academic world.
  - The proposed action may also be considered as the continuation of previous efforts towards the enhancement of cybersecurity capabilities in Cyprus.
- The Cyprus Academic CSIRT aspires to become a member of the Forum of Incident Response and Security Teams (FIRST) and Trusted Introducer (TI) affiliation, so as to increase both the maturity and capabilities of the Academic CSIRT.





< 注 > < 注 >

## Stakeholders

- Existing CYNET Members
- Academic Private Institutes and relevant organisations
- Research Institutes and relevant organisations
- Public and Private Schools
- National CSIRT and other global sectorial and private CSIRT/CERTs





< 注 > < 注 >

## Services

#### Reactive Services

- Alerts and Warnings
- Incident Handling

#### Proactive Services

- Announcements
- Tools Development
- Intrusion Detection
- Threat Intelligence Sharing

#### • Security Quality Management Services

- Security Awareness
- Education and Training

토 🕨 🛪 토 🕨

# **Team Members**

## **Contact Details**

### • George J. Konnis

Managing Director

Cyprus Research & Academic Network Tel. +35722892744 Email: director@cynet.ac.cy Address: 1, Panepistimiou Avenue 2109, Nicosia, Cyprus

### Aristos S. Anastasiou

Cyber Security Analyst

Academic Cyber Security Incident Response Team Tel. +35722693084 Email: aristos.anastasiou@cynet.ac.cy Address: 8, Ilioupoleos Str. 1101, Nicosia,Cyprus

### Panayiota T. Smyrli

Cyber Security Analyst

Academic Cyber Security Incident Response Team Tel. +35722693091 Email: yiota.smyrli@cynet.ac.cy Address: 8, Ilioupoleos Str. 1101, Nicosia,Cyprus

# Thank you for your attention!

★ 문 ► ★ 문 ►

æ