

## ITU Regional Development Forum for Europe (RDF-EUR)

*Information and Communication Technologies for Attaining SDGs*

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[www.itu.int/en/ITU-D/Regional-Presence/Europe/Pages/Events/2018/RDF/](http://www.itu.int/en/ITU-D/Regional-Presence/Europe/Pages/Events/2018/RDF/)

### **CONTRIBUTION BY Energypact Foundation, International, centred in Vienna, Austria**

**TITLE:** National Cyber Security Support Center and Network Development

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**Europe Regional Initiative:** EUR4: Enhancing trust and confidence in the use of information and communication technologies

**Year(s) of implementation:** 2018 2019

### **Background**

The digital footprint of the world continues to grow. Efforts such as the ITU Regional Development Forum for Europe (RDF-EUR) demonstrate the desire to leverage and promote the transformative nature ICT as enabler and socio-economic driver for all. The potential for business and life enhancement is tremendous. However, with the potential for benefit also comes the potential for malicious and adverse consequence due to cyber-attack. The cyber-threat and its potential consequence impacts the highest level of government and the individual user. With this need, however, the lack of qualified cyber security specialist is now and will continue to be a human resource gap. The Energypact is in the midst of initiating a stepwise approach to assist States in building national capacity in cyber security. This approach involves focused activities, PPP, and the



ultimate establishment of National Cyber Security Support Center (NCSSC) and an associate international network of these Centers.

Energypact Foundation is a non-political and non-profit organization, established 2007 in Geneva, and is now based in Vienna. Its operations are based on the two main pillars: cybersecurity and energy security. In October of 2014, Energypact conducted the conference “Cyberspace, energy & development: Protecting critical energy infrastructure”, at the ITU headquarters, Geneva, with the active supported by the World Economic Forum and the IAEA. In February 2017, Energypact organized the inaugural Vienna Cyber Security Week (VCSW). In January 2018, Energypact held the second VCSW with the support of Austrian Federal Chancellery, Austrian Federal Economic Chamber of Commerce, and relevant ministries, as well as the international organizations. The ITU assisted in both the 2017 and 2018 VCSW

Vienna Cyber Security Week 2019 is scheduled for March 2019.



## Proposal

**Objective:** To promote and facilitate the enhancement of computer security in a State through the conduct of focused activities, the establishment of public private partnership (PPP), and the ultimate establishment of National Cyber Security Support Center (NCSSC) as a collaborative team of industry, government, international organizations, and relevant stakeholders.

**Project:** While the ultimate objective is to establish NCSSCs and an associated international network, this project proposes focused activities for 2018 and 2019 and respectively request ITU support, namely:

- Support and co-organisation of the 2019 Vienna Cyber Security Week (March 2019, Vienna Austria)
- Support and co-organisation of the Inaugural International Multi-stakeholder Conference, Belgrade, October 26-27, 2018

These activities will support human resource development, foster computer security culture, enhance national (and international) coordination and collaboration among the various stakeholders (i.e. competent authorities, industry, standards bodies, etc.) involved in the computer security matters and, at the same time, supports the development of a national and international security network of experts.

Long term project plan - National Cyber Security Support Center Development

While the development of any National Cyber Security Support Center must be nationally driven, Energypact will provide a framework and initial array of supporting activities and experts to facilitate the NCSSC's



formation. These activities will be customized to national needs and will include: national workshop for relevant stakeholders, focused computer security training, and periodic topical symposiums. The proposed short term activities are examples planned international and regional events.

Information exchange and confidence building are essential. Annually, the NCSSCs will come together in an international venue to discuss topical cyber security issues and share lessons learned. This annual event could be part of the existing Vienna Cyber Security Week or an independent forum.

While the realm of cyber security activities is vast, the initial effort will promote the development with NCSSCs with sector specific focus of the telecommunication and energy infrastructure.

Many States already have a national CSIRT and information sharing networks that may provide some of these functionalities, the Center's seek not to supplant such efforts, but to leverage them a partners in enhancing security.

Cyber security cannot be achieved nationally through the acts of individual institutions, sustainable security and resilience can only be achieved through partnership. NCSSCs will exist as a national private public partnership between business, nation government, research facilities, and industry. Additionally, this partnership will include international/regional organization such as the ITU, IEC, IAEA, OSCE, and OAS where relevant.

