



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

Improving Cyber Security Capacities in Latvia

Coordinator:
Action number: 2017-LV-IA-0058



Institute of Mathematics and
Computer Science University of Latvia



Key facts



Sep 2018 - Dec 2020



EU contribution: €777,501 (~75%)

Key achievements



MeliCERTes

CERT.LV actively contributed to testing and further development of the MeliCERTes throughout the duration of the action. CERT.LV hosted MeliCERTes training in Riga in July 2019 and was one of the first teams to have a fully functional instance in EU.

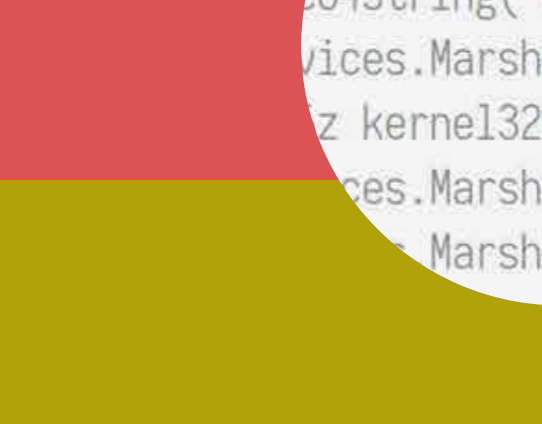
CERT.LV will continue deploying MeliCERTes and use it as will be discussed and decided by the NIS CSIRT Network

Built and made available under open source license a Deep Analysis System for the CSIRT community

Pastelyzer

Pastelyzer – the Paste analyzer is a tool that analyzes text documents and looks for security and privacy related items (credentials, bank card numbers, IP addresses, domains etc). A distinguishing feature of the tool is its' ability to detect, decode and analyze also embedded binary content (e.g., base64-encoded)

System source code together with user guide and other documentation is published online at:
<https://github.com/cert-lv/pastelyzer/>



Strengthened capacity

CERT.LV Team collaborated with relevant partners and strengthened capacity internationally by:



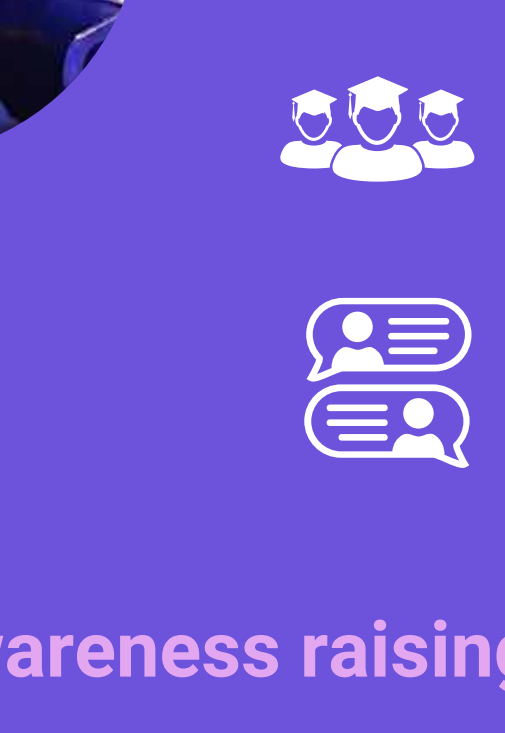
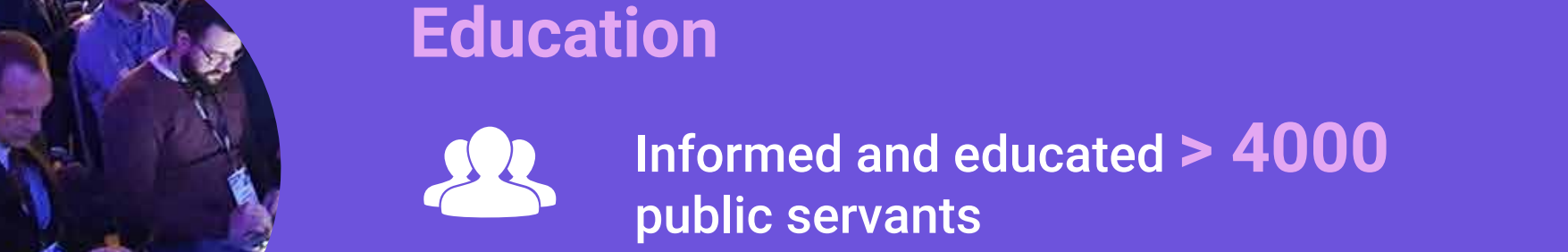
Attending, contributing and presenting at **8** international conferences / meetings / symposiums



Participating in **3** cyber exercises



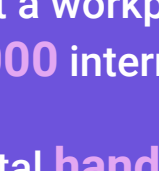
40% of the CERT.LV Team increased their knowledge by attaining certification of internationally recognized Cybersecurity courses



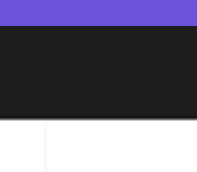
Building capacity

Supported cybersecurity capacity building in Latvia

Education



Informed and educated **> 4000** public servants



Informed and educated **>1000** students and pupils



Monthly social media and web resources reached **> 10'000** internet users

Awareness raising

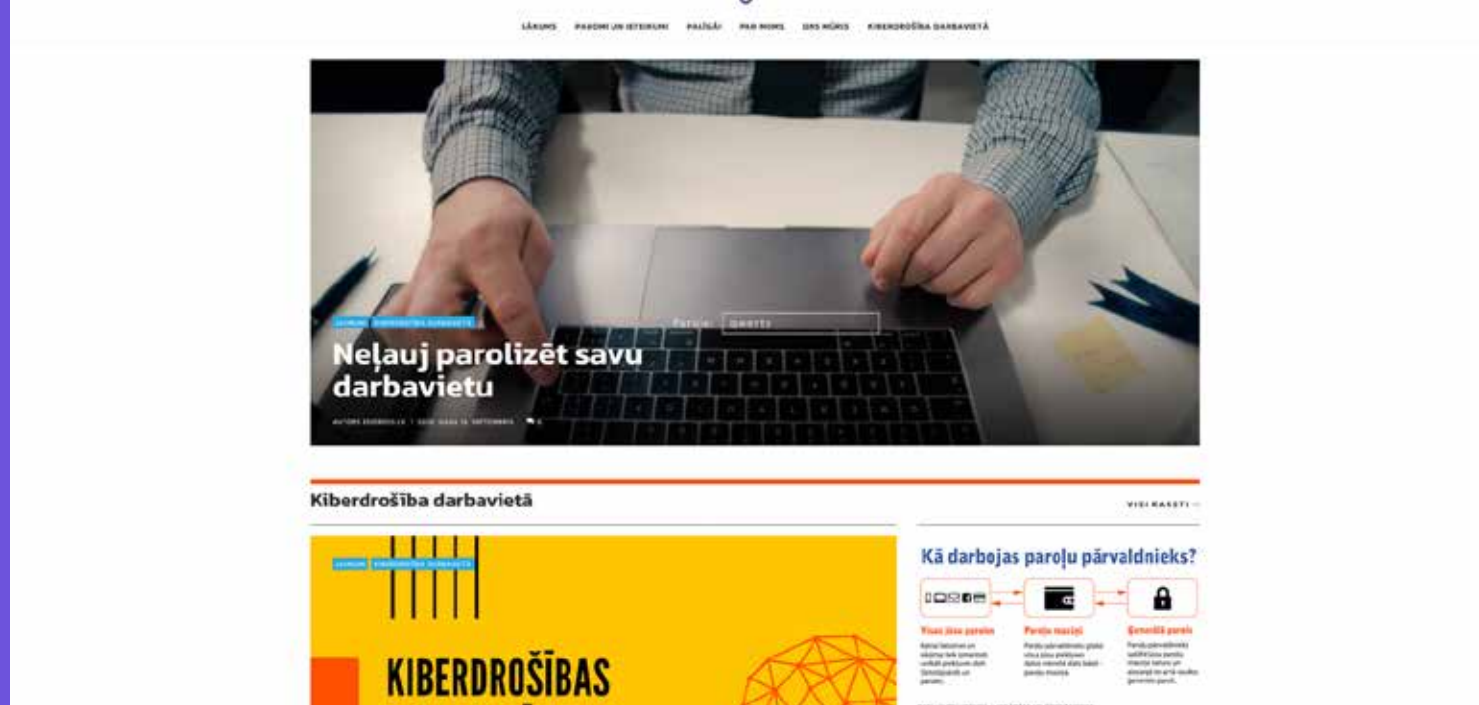
- “Cybersecurity at a workplace” an informative and educational campaign reached **> 500'000** internet users in Latvia
- Developed a digital **handbook** for every internet user covering the basics of cyber-hygiene and good management of one's cyber resources
<https://rokasgramata.esidross.lv/>



- Informative videos **about** developing strong passwords and how to recognize phishing attacks. All videos available on CERT.LV YouTube channel



- Rebranded website www.esidross.lv serving as key communication platform for society on cybersecurity



Conference "Cyberchess"

Strengthening the local cybersecurity community via organizing the Annual Cybersecurity Conference "Cyberchess"

In 2018: opened by the Minister of Defence; attended by more than 500 participants from 10 countries. > 2000 joined the live-streaming of the sessions online



In 2019: opened by the President of the Republic of Latvia and the Minister of Defence; attended by 630 participants from 30 countries > 4000 joined the live-streaming of the sessions online



Technical capacity

Set up and implemented **Business Continuity Plan** for CERT.LV aligned with requirements stemming from the NIS Directive

Extended the **Early Warning System/Sensor Network** in Latvia allowing CERT.LV to monitor and respond better to incidents at a national level, and to provide early warnings and disseminate information about risks and incidents to relevant stakeholders

Building the **SCADA/IDS Laboratory** to further strengthen CERT.LV capabilities in working with the national critical infrastructure and providers of essential and digital services

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