## LAW ENFORCEMENT TECHNOLOGICAL INNOVATION CONSOLIDATION FOR FIGHT AGAINST ONLINE DRUG CRIMES



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## STAY SAFE, STAY TUNED

## Dear Reader,

Welcome to the third edition of the Lion DC project newsletter.
While the COVID-19 has already caused many issues on our daily activities and calendars, LION DC project is progressing by finding innovative alternatives to successfully complete the project and its results on time. Several activities took place since the last issue of our newsletter, which you may find out going through this newsletter.

The project team after the successful implementation of the Train the Trainers (TtT) training is now focusing on the second version of TtT training as well as on the preparation of the "Practitioners" training that is scheduled right after the summer period. This will be a good opportunity capitalize the knowledge gathered in the previous stages of the project and come up with the expected results.

This newsletter provides insights into the project and its activities and events, giving the main outline of the period, as well as some general information regarding the project.

Wish to find out more about the project? Go through this newsletter. Interested in getting involved? Have a look at the LION DC LinkedIn group and Twitter account, managed by consortium and at the Stakeholders Group section.

Looking forward to getting you on board this project.
The Project Coordinator

This project that has received funding from the European Union's Internal Security Fund - Police (ISFP) Programme, ISFP-2017-AG-DRUGS, under grant agreement no 822616.

## LION DC PROJECT

Project Name: Law Enforcement Technological Innovation Consolidation for Fight Against Online Drug Crimes

Start Date: 10 December 2018
Duration: 24 months
Coordinator: MYKOLO ROMERIO UNIVERSITETAS (MRU)
Partners: 12 partners
Call identifier: ISFP-2017-AG-DRUGS

## Concept:

The Lion DC project aims to provide Law Enforcement Agencies (LEA) with new skills, methodologies and tools in the fight against drug trafficking.

## Objectives:

- to create a functioning Online Drugs investigation community, comprised of practitioners, and participants from academia by extending SENTER, ENTER and $i$ LEAD initiatives.
- to develop new investigation methods using available OSINT, Dark Web, Cryptocurrencies Investigation technologies.

Workplan:


This project that has received funding from the European Union's Internal Security Fund - Police (ISFP) Programme, ISFP-2017-AG-DRUGS, under grant agreement no 822616.

IION DC CONSORTIUM

| MYKOLO ROMERIO UNIVERSITETAS | Mykolo Romerio Universitetas, Lithuania <br> https://www.mruni.eu/en/ | POLISH PLATFORM <br> FOR HOMELAND SECURITY nal | Polish Platform for Homeland Security, Poland https://www.ppbw.pl/en |
| :---: | :---: | :---: | :---: |
| T5013 | Lietuvos Kibernetiniu Nusikaltimu Kompetenciju IR Tyrimu Centras, Lithuania <br> http://www.I3ce.eu/en/ |  | Glavna Direktsia Borba S Organiziranata Prestupnost, Bulgaria <br> https://www.gdbop.bg/bg/ |
|  | Muitines Kriminaline Tarnyba, Lithuania <br> https://www.Irmuitine.It/ |  | Kentro Meleton Asfaleias, Greece <br> http://kemea.gr/en |
| innovation | Nederlandse Organisatie <br> Voor Toegepast <br> Natuurwetenschappelijk <br> Onderzoek TNO, <br> Netherlands <br> https://www.tno.nl/en/ | Ministerie van Defensie | Ministry of Defense, Netherlands <br> https://english.defensie.nl/ |
| DITSS <br> Dutch Institute for <br> Technology <br>  <br> Security | Stichting Dutch Institute for Technology, Safety \& Security, Netherlands https://www.ditss.nl/ | Respublikinė Vilniaus universitetiné ligoniné | Viesoji Istaiga Respublikine Vilniaus Universitetine Ligonine, Lithuania <br> http://www.rvul.It/en/ |
|  | International Cyber Investigation Training Academy, Bulgaria <br> https://e-crimeacademy.com/ |  | Inspectoratul General al Politiei Romane, Romania <br> https://www.politiaromana.ro/ |

## STAKEHOLDERS GROUP

## BRIEFLY

The stakeholder group is an auxiliary body of LION DC project, targeting to provide regular and meaningful input and ensure that the project objectives are broadly understood. The second objective of this board is to support and alleviate planning and execution of project activities, including trainings and to disseminate further the results in the project's duration. It will be mainly formed by LEAs and members of different networks (ENLETS, SENTER) that are not directly involved in the LION DC consortium. This group has a very specific role regarding its activities during the project duration. These activities will be conducted by invitation of the members to dedicated project meetings and their involvement in the dedicated LION DC events (e.g. workshops, trainings, etc.).

## CURRENT SG MEMBERS

Reaching the last semester of the project's lifetime, external to the consortium practitioners and experts have shown huge interest in LION DC initiative. LION DC consortium is honored to have 20 members involved in project's activities.

## INTERESTED IN JOINING?

Are you a cyber-crime expert or investigator? Are you interested to find out how you are going to tackle online drug trafficking? LION DC offers you the opportunity to learn the ways of prevention and reaction through simulated environment trainings.

If you wish to hear the news first and be close to LION DC activities, we would be delighted to welcome you in LION DC Stakeholders Group. If you are interested in joining our team, you may send us an email to: info@lion-dc.eu

## LION DC MANAGEMENT-LEVEL TRAINING, 12-14 FEB 2020



Figure I: LION DC Lab, Krakow

LION DC project organized a fruitful training took place on 12-14 February 2020 at the Faculty of Computer Science, Electronics and Telecommunication of the University of Science and Technology in Krakow, Poland. The training was dedicated to the fight against online drug crimes and aimed mainly at team leaders and representatives of the European cybercrime divisions. Over 20 experts were trained in OSINT tools, using the platform which is created for the EU funded project's purposes. Various topics were covered such as Dark Web OSINT, Dark Markets, Cryptocurrencies, Crypto Wallets etc, from theoretical to practical/hand-on domains.


Train-the-trainer LION DC

Figure 2: Train-the-Trainer course Moodle logo

## General

trial train-the-training offers the opportunity to get tamiliar with the LON DC training material, assignments, exercises and serious game, gives the instructions on how to perform a real-life physical LION DC management
and practitioners level trainings
The tollowing topiss will be covered

- Dakk web
- Dark maknelts
- TOR
- Operational security
- Network forensics
- Cryplocurrencies
- Cyptocurrency laundering
- Cryptocurrencoy forensics + confifcation
- Bitcoln anaylics
- Daik market intevenentions
The LION DC plattorm will be avalable for e-leaming from 15 m of June 2020 till 3 rd of July 2020

Figure 3: Train the Trainers - Student view

LION DC e-learning platform hosted the first version of train-the-trainer e-course which took place June 15-July 10, 2020, following a one-week extension. The TtT training was conducted only via an e-learning platform due to COVID-19 situation and focused on cybercrime/ drug trafficking experts with trainer capabilities from law enforcement, research or educational organizations. It also offered the participants the opportunity to get familiar with the LION DC training material, assignments, exercises, and serious game, and gave the instructions on how to perform a real-life physical LION DC management and practitioners level trainings. The training was held entirely online and specifically it was hosted on an open source training platform. Over 21 trainees were successfully trained.

## EVENTS

## EVENTS ATTENDED AND SCHEDULED

From the start of the project, LION DC project was presented in many face to face events by various Consortium partners. Very important also is the fact that COVID-19 situation did not affect the Dissemination strategy of LION DC project. During the last months, various Consortium partners presented the project in online events, managing to reach wider audiences event in those difficult recent months.

| Name of the event | Place of the event | Dates of the event |
| :---: | :---: | :---: |
| Advisory Board meeting of the PPHS | Warsaw, Poland | December 18, 2019 |
| Internal presentation to KEMEA researchers, Hellenic Police \& Ministry of Citizen Protection representatives | Athens, Greece | May 22, 2020 |
| EUROCRIM 2020: 20th Annual Conference of the European Society of Criminology | Online, Greece | September 10-11, 2020 |
| i-LEAD Research Day | The Hague, the Netherlands | October 8, 2020 |
| PPHS conference: "Cybercrime. 2 <br> - Technologies" ("CP.2- <br> Technologies") | Warsaw, Poland | November 9-10, 2020 |

## UPCOMING TRAINING WORKSHOPS FOR TEAM LEADERS \& PRACTICIONERS

Within the LION DC project two trainings - one aiming at operational training and the other at managerial training - will be developed based on scientific research and LEA practitioners' inputs from multiple countries. The first one -the 'management' training was successfully finished and the second one -the 'practitioners' training is on the way...!.


## LION DC "Practitioners" training

The LION DC 'practitioners' training will be held in the Netherlands during September-October 2020, in case physical meeting are still feasible. It focuses on tactical police officers. The training spans 4 days and is a combination of theory and practice. The training will go in-depth into the latest trends and technologies, such as cryptocurrency-analytics and tooling.

## LION DC "Train the Trainers" training version 2

LION DC project offers the opportunity to stakeholders, partners and interested LEA officials to take advantage of project's results and knowledge through the e-learning training sessions. The second and updated version will include several modifications and improvements, having always in mind trainees' feedback. This training experience will improve participants' understanding on fighting against online drug crimes and will mainly assist them to integrate the training into their own organizations so as to be able to train their team members.

LION DC offers the opportunity to stakeholders, partners and interested LEA officials to participate in the project by attending trial training sessions. Attending LION DC trial training sessions will offer early access to the material developed in the project and includes a waiver of any fee. On top of that trainees will have access to the training material afterwards. For any question regarding the trainings, contact us via training@lion-dc.eu email.

## CONTACT US \& SOCIAL MEDIA

CONTACT US


For more information, please visit the LION DC website: https://lion-dc.eu/


Send us an email to info@lion-dc.eu

## SOCIAL MEDIA

(1) Join the Linkedln group: https://www.linkedin.com/groups/13688229/
Follow us on LinkedIn: https://www.linkedin.com/company/lion-dc/about/

