



CCDCOE

NATO Cooperative Cyber Defence

Centre of Excellence

Tallinn, Estonia

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LOCKED
SHIELDS

SVEN SAKKOV



Sponsoring nations



Contributing participants



Disclaimer

This briefing is a product of the NATO CCD COE. It does not represent the opinions or policies of NATO and is designed to provide an independent position.

Outline

Overview
Courses
Recently
Upcoming



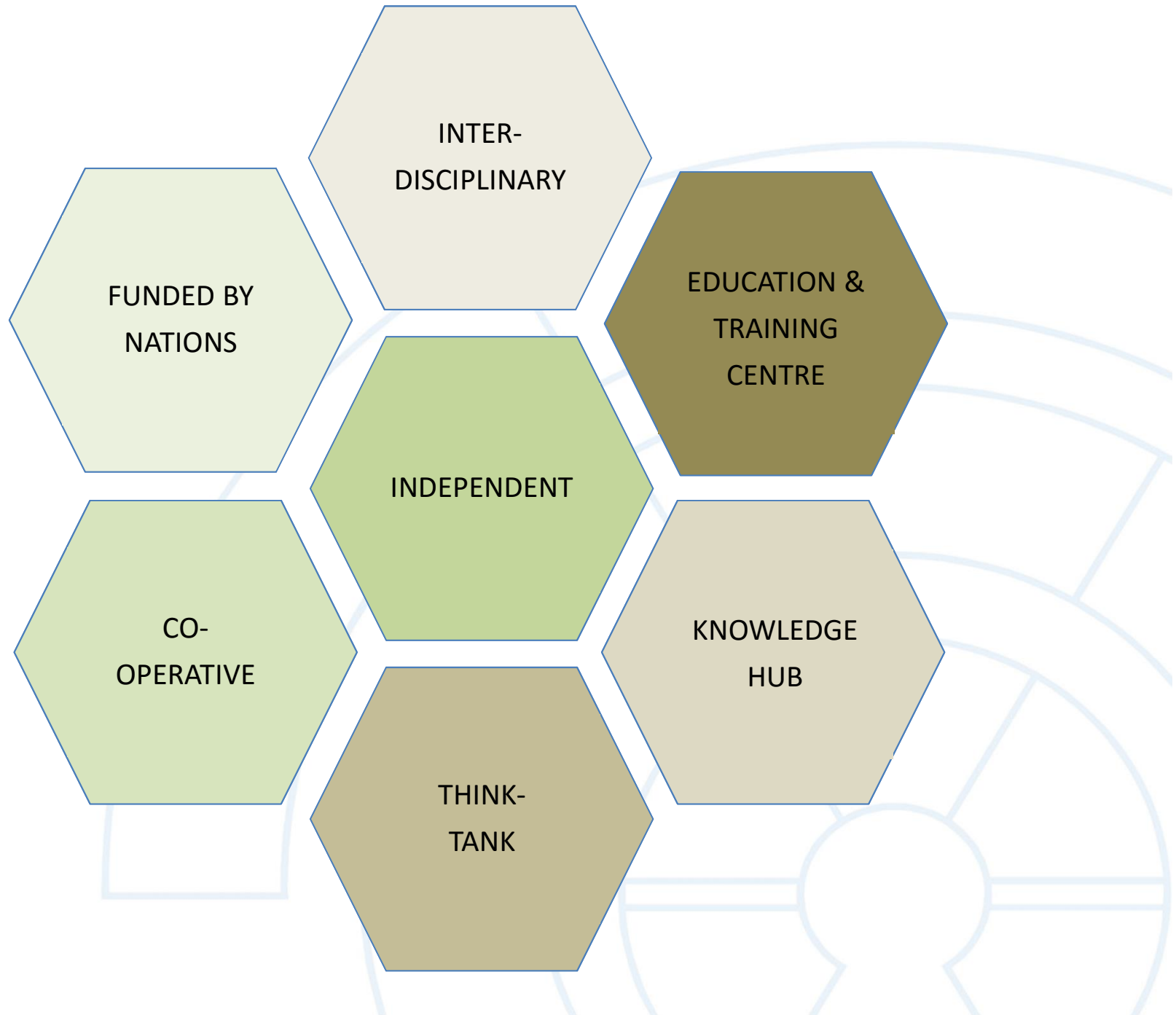
Our mission

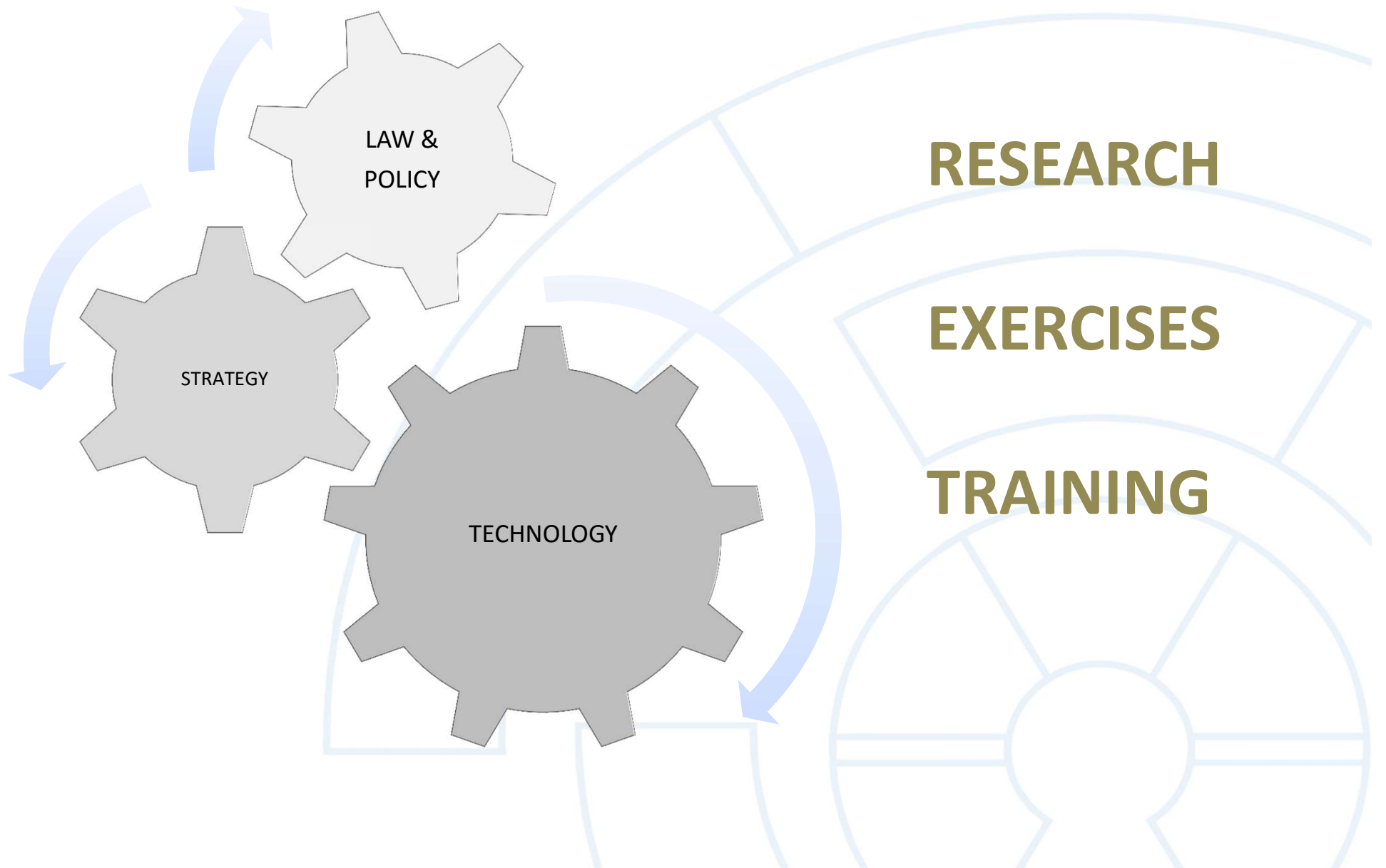


- To enhance Cyber Defence
 - Capability
 - Cooperation
 - Information sharing

through...

- Research & Development
- Consultation
- Awareness & Training
- Lessons Learned







NDPP
Department Head
CD Awareness



Legal

STRAT



CyCON
International Conference
on Cyber Conflict

Cyber Coalition
Trident Juncture
Trident Jaguar
Steadfast Pyramid/Pinnacle
CWIX



TECH



Courses

- <<A>> International Law of Cyber Operations Course
CII-CD-2010 Approved/ accredited now selected
Open to the world
- CII-CD-2001 IT Systems Attacks and Defence Course
- CII-CD-2002 Botnet Mitigation Training
- CII-CD-2003 Cyber Defence Monitoring Course
- CII-CD-2005 Introductory Digital Forensics Course
- CII-CD-2006 Malware and Exploits Essentials Course
- CII-CD-2007 Smartphone Security and Forensics Course
- CII-CD-2008 Network And Host Forensic Course
- CII-CD-2020 Cyber Defence at Operation Level Course sel

Courses

- <https://e-itep.act.nato.int/>
- Training institution: COE CO-OPERATIVE CYBER DEFENSE CENTRE OF EXCELLENCE (CCDCOE)
- <https://ccdcoe.org/> events courses
- Cyber Defence Monitoring Course Suite Module 1, 2, 3
- Awareness e-Course: hosted on [JADL](#)
- ADL 076 Cyber Defence Awareness
- [Cyber Defence Awareness Training v2.0](#)
- So far: 1200 Updated this spring!

Hot New Stuff

- Development of AJP - 3.X NATO Cyberspace Operations...
- clare.lain@ccdcoe.org
- Details in https://tide.act.nato.int/sharp/ConferenceJQuery/index.html#track_page?id=185
- [https://tide.act.nato.int/tidepedia/index.php/TIDE Sprint \(11-15 Apr 2016\) -
_Cyberspace Operations Doctrine Data Fusion Event](https://tide.act.nato.int/tidepedia/index.php/TIDE_Sprint_(11-15_Apr_2016)_-_Cyberspace_Operations_Doctrine_Data_Fusion_Event)

Upcoming

- Steering Committee on 30th May, no decision before
- CyCon workshop day 31st May
- CyCon 1st-3rd June: <https://ccdcoe.org/cycon/>

CyCON

International Conference
on **Cyber Conflict**



Tallinn 2.0 Facts



- Project **hosted by** the NATO CCD COE 2013-2016
- Expands the analysis to **peacetime international law**

Activities in
accordance
with the law

Internationally
wrongful acts

Use of
Force

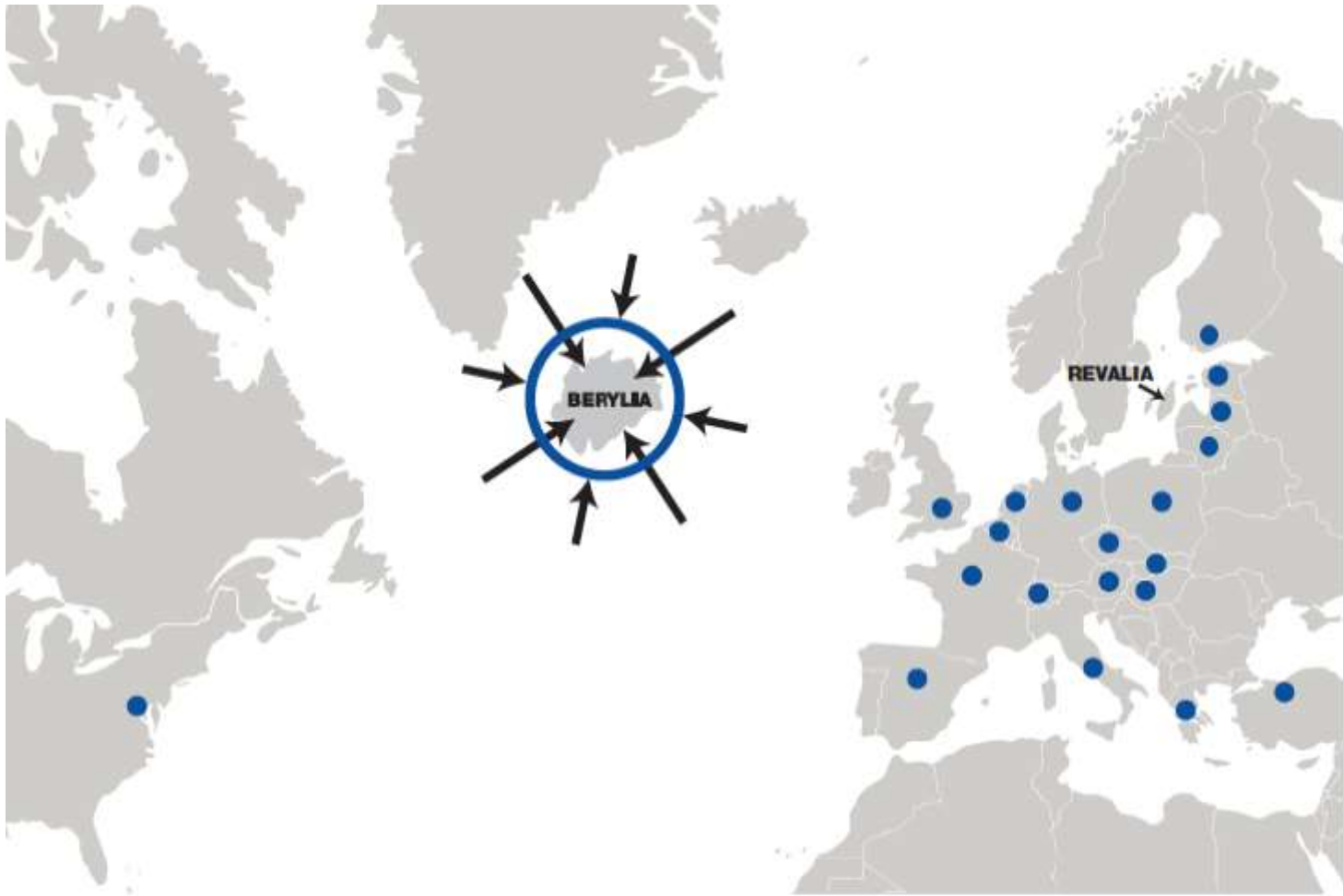
Armed
Attack

- Will result in the **second, expanded edition** of the Tallinn Manual
- **Rules** + commentary, **not NATO policy**
- Publication end of 2016 by Cambridge University Press

Recently: Locked Shields

- 20 Teams from 26 Nations
- 1st SLO
- 2nd NCIRC
- 3rd FIN
- 4th AUT

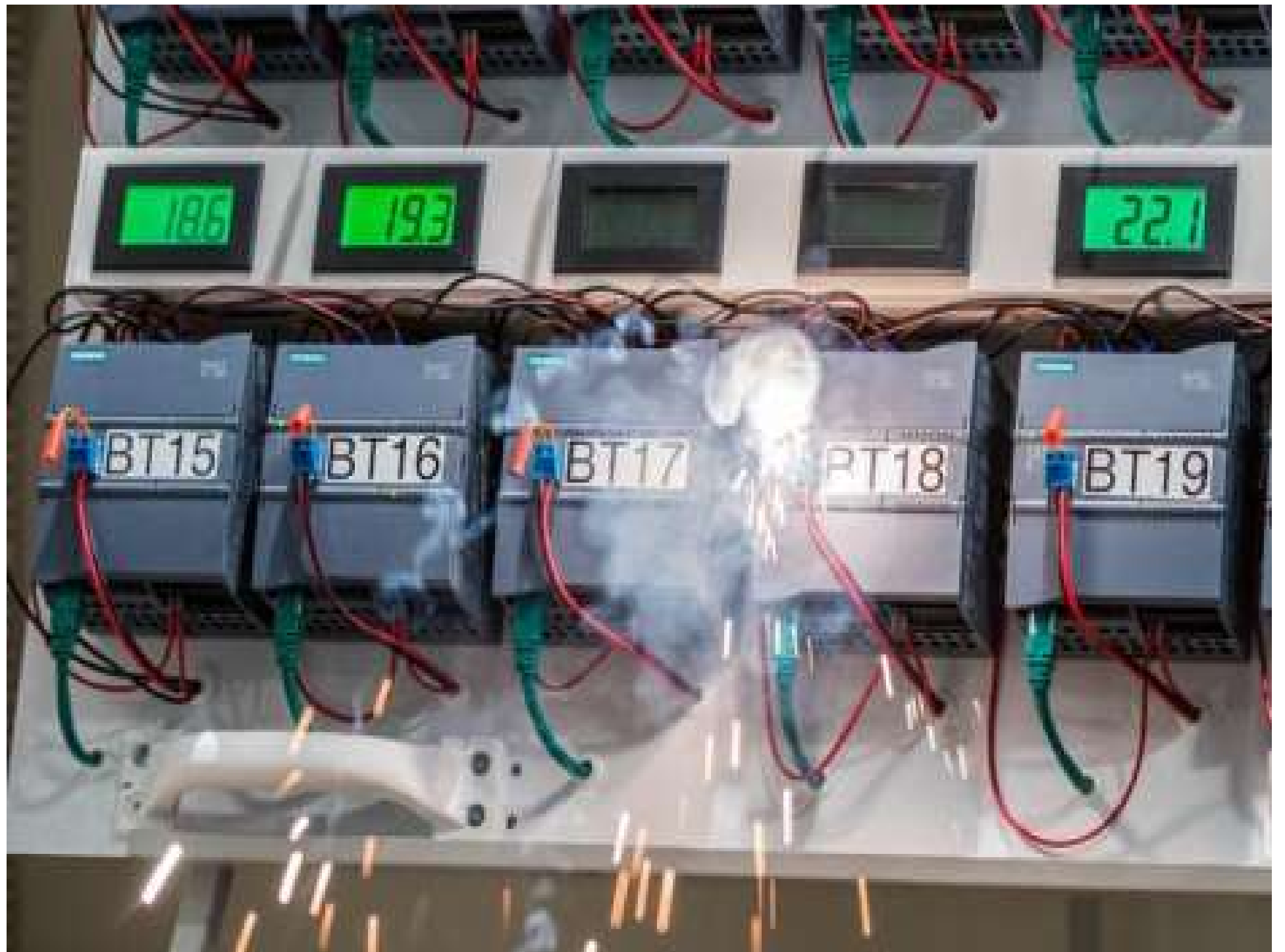




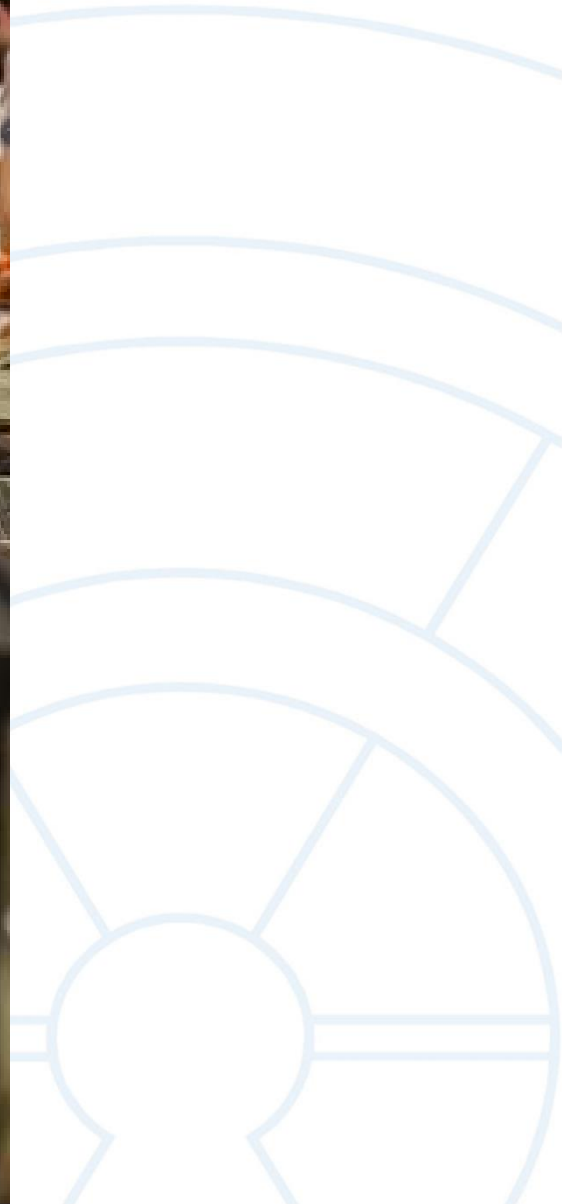
LOCKED SHIELDS 2016





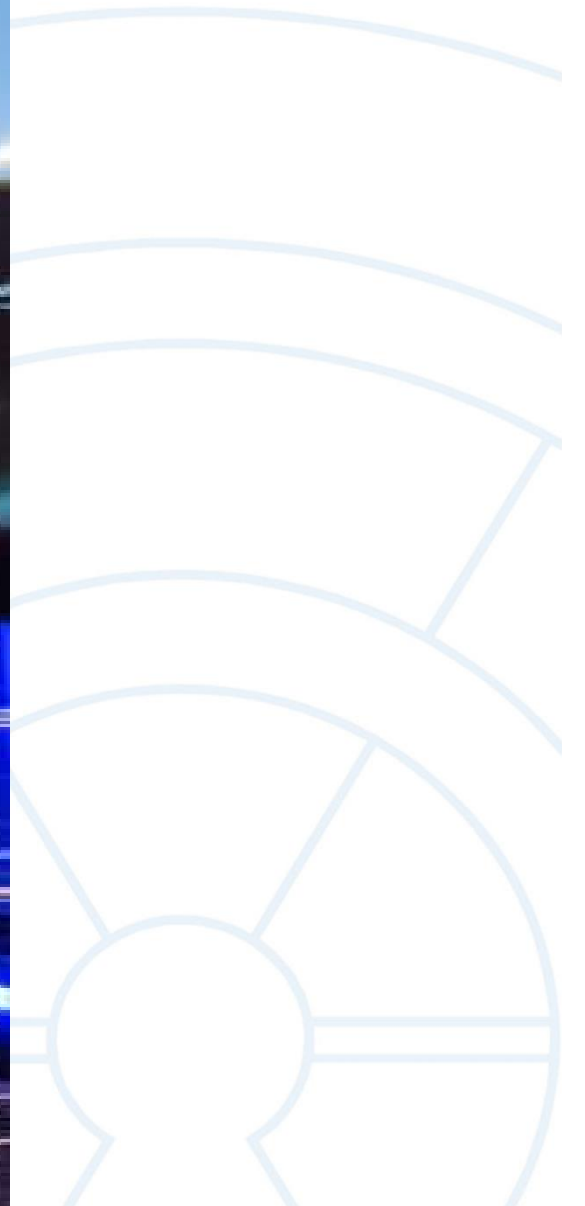


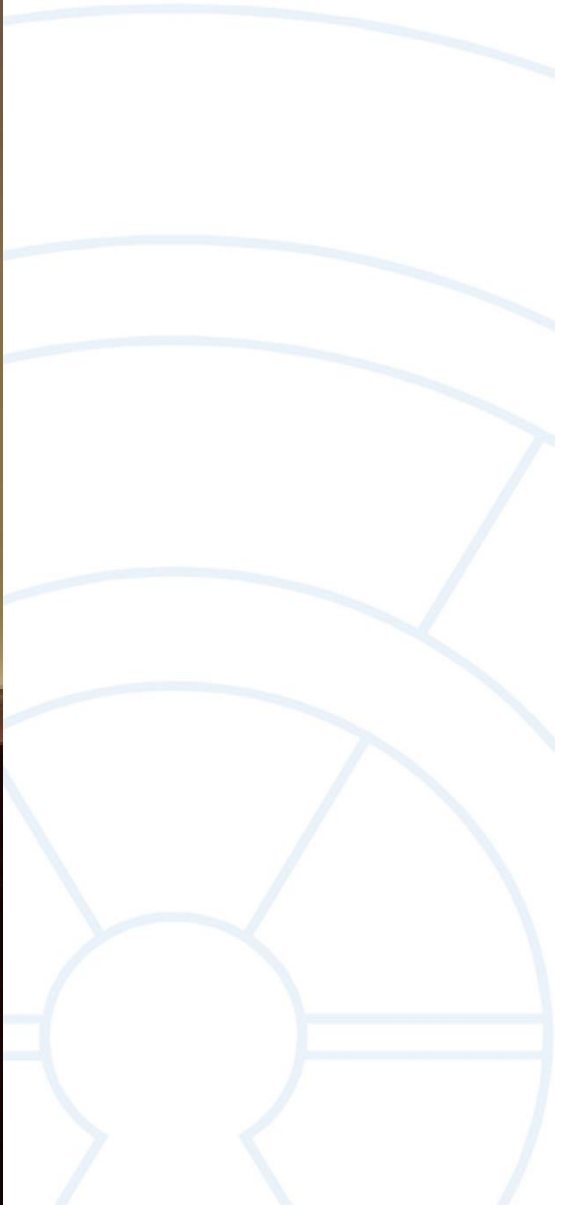














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