### LU CYBER SECURITY ECOSYSTEM A COMMON EFFORT OF PUBLIC AND PRIVATE ACTORS

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### ECOSYSTEM

 multidisciplinarity collaboration competition self-organising networks scalability sustainability

# WHY IS THIS NEEDED ?

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# THREAT LANDSCAPE

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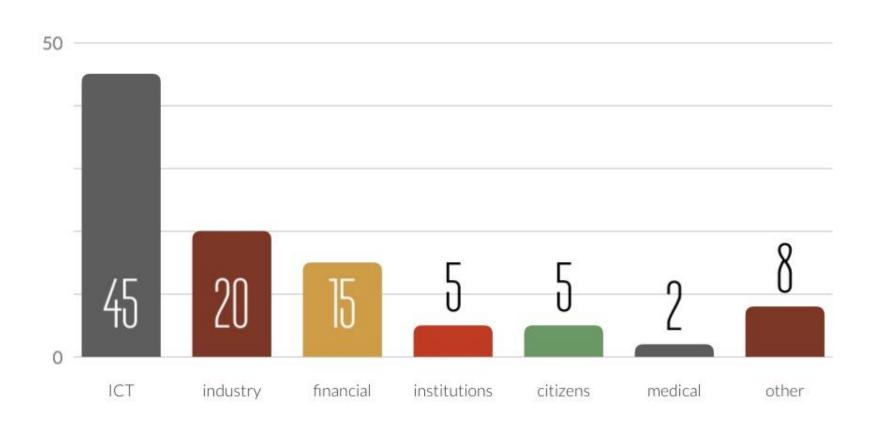


# 2014 2900 3x

incidents

compromised online servers

#### BY SECTOR (%)



#### MOTIVATIONS



1	CYBER CRIME	50%
2	CYBER ESPIONNAGE	40%
3	CYBER ACTIVISM	10%

# (UPCOMING) REGULATIONS

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CRITICAL INFRASTRUCTURE PROTECTION • || sectors New national regulator Breach notification ICT interconnectivity Crisis/emergency planning

# DATA PROTECTION

- EU regulation
- Risk-based approach
- Breach notfication
- Detection within 72 hours
- 5% global turnover penalty

## CYBER SECURITY STRATEGY

- Cyber security goes beyond ICT
- Cyber security represents an economic opportunity
- Democratisation, creating synergies & governance
- Reduction of compliance costs (regulator harmonization
- Risk governance based approachCyber Security as Infrastructure

# SUCCESS STORIES

CC)

### CLUSIL / CPSI : CISO job description CISO federation CISO community

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SnT - Interdisciplinary Institute for Security and Trust : Partnership Programm 6 public, 15 private, 2M turnover

### CASES / BEE SECURE : large scale awareness raising >10 000 pupils >1000 civil servants

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Mew event targeting IP addresses in Luxenbourg from Cambridge,United Kingdom (source: blackhole)
New event targeting IP addresses in Luxenbourg from Cambridge,United Kingdom (source: blackhole)
New event targeting IP addresses in Luxenbourg from Englewood,USA (source: blackhole)
New event targeting IP addresses in Luxenbourg from Freemet,USA (source: blackhole)
New event targeting IP addresses in Luxenbourg from Freemet,USA (source: blackhole)
New event targeting IP addresses in Luxenbourg from Freemet,USA (source: blackhole)
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New event targeting IP addresses in Luxenbourg from Freemet,USA (source: blackhole)
New event targeting IP addresses in Luxenbourg from Silver Spring,USA (source: blackhole)
New event targeting IP addresses in Luxenbourg from Silver Spring,USA (source: blackhole)
New event targeting IP addresses in Luxenbourg from Silver Spring,USA (source: blackhole)
New event targeting IP addresses in Luxenbourg from San Jose,USA (source: blackhole)

Partners hosting a CI sensor





CIRCL Computer Incident Response Center Luxembourg

### cert.lu

r Emergency Response Community Luxembourg

### **Stronger Together!**

An initiative to enhance the collaboration between public and private CERTs in Luxembourg.

4 public CERTs4 private CERTs2 more to join soon

### MISP - Threat Sharing IOC sharing (APT) > 60 entities connected

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"As the world is increasingly interconnected, everyone shares the responsibility of securing cyberspace", Newton Lee

#### SECURITY MADEIN.LU



Home >> Ecosystem

#### ECOSYSTEM

This part of SECURITYMADEIN.LU features the local cyber security community providing users a central and easy access to all relevant actors and initiatives of the Luxembourg cyber security ecosystem. To join the common effort in promoting Luxembourg's competitiveness in this field of expertise, please **register here**.

PRIVATE USER



- Incubators (4)
- Nonprofit organisation (4)
  - Business associations (2)
  - User communities (1)

- Information Security Professionals (19)
  - PC Doctors (16)
- Public authorities (11)
- Research & Developpment (1)





### Hack4Kids@Sandweiler 13/06/2015

Register now! Schreiw dech elo an! Inscrivez vou

REGISTER

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