CYBERWELLNESS PROFILE LUXEMBOURG

BACKGROUND

Total Population: 523 000
(data source: United Nations Statistics Division, December 2012)

Internet users, percentage of population: 93.77%
(data source: ITU Statistics, December 2013)

1. CYBERSECURITY

1.1 LEGAL MEASURES

1.1.1 CRIMINAL LEGISLATION

Specific legislation on cybercrime has been enacted through the following instrument:
- Penal Code.

1.1.2 REGULATION AND COMPLIANCE

Specific legislation and regulation related to cybersecurity has been enacted through the following instruments:

- Law on Data Protection on Electronic Communications - Law on Electronic Communications and Radio Waves

- Law on Electronic Commerce   - Law on Electronic Signature and Cryptography

- Law on the Protection of Individuals with regard to the Processing of Personal Data.

1.2 TECHNICAL MEASURES

1.2.1 CIRT

Luxembourg has an officially recognized national CIRT GOVCERT.LU and the Computer Incident Response Center Luxembourg (CIRCL) is a government-driven initiative designed to gather, review, report and respond to computer security threats and incidents.

1.2.2 STANDARDS

There is no information on any framework for implementing internationally recognized cybersecurity standards in Luxembourg.

1.2.3 CERTIFICATION

There is no information on any framework for certification and accreditation of national agencies and public sector professionals.

1.3 ORGANIZATION MEASURES

1.3.1 POLICY

Luxembourg has an officially recognized Stratégie Nationale en Matière de Cyber Sécurité as its National Cybersecurity Strategy.

1.3.2 ROADMAP FOR GOVERNANCE

The Plan Directeur de la Mise en Œuvre des Technologies de l'Information au Sein de l'Etat provides a national governance roadmap for cybersecurity in Luxembourg.

1.3.3 RESPONSIBLE AGENCY

The GOVCERT.LU and Le Cyber Security Board (CSB) monitor and coordinate the implementation of a national cybersecurity strategy, policy and roadmap by respective agencies.

1.3.4 NATIONAL BENCHMARKING

There is no information on any national benchmarking exercises or referential used to measure cybersecurity development in Luxembourg.

1.4 CAPACITY BUILDING

1.4.1 STANDARDISATION DEVELOPMENT

There is no information on any program or exercise available for research and development (R&D) of cybersecurity standards, best practices and guidelines in Luxembourg.

1.4.2 MANPOWER DEVELOPMENT

CIRCL offers courses to its members and organizations based in Luxembourg to improve information security. CIRCL is sharing its field experience through a set of training or technical courses.

1.4.3 PROFESSIONAL CERTIFICATION

CIRCL team member are certified public sector professionals.

1.4.4 AGENCY CERTIFICATION

CIRCL is RIPE member and an accredited CERT of TF-CSIRT Trusted Introducer.

1.5 COOPERATION

1.5.1 INTRA-STATE COOPERATION

To facilitate sharing of cybersecurity assets across borders or with other nation states, CIRCL cooperates with CERTs from various countries.

1.5.2 INTRA-AGENCY COOPERATION

Luxembourg has an officially recognized Malware Information Sharing Platform. MISP acts as a platform for sharing threat indicators within private and public sectors.

1.5.3 PUBLIC SECTOR PARTNERSHIP

Private organizations in Luxembourg or accredited CERTs can request an access to their respective MISP platform. MISP acts as a platform for sharing threat indicators within private and public sectors. This is the officially recognized national or sector-specific program for sharing cybersecurity assets within the public and private sector.

1.5.4 INTERNATIONAL COOPERATION

Luxembourg participates in the following international cooperation activities through CIRCL:

- FIRST   - EU   - TI.

2. CHILD ONLINE PROTECTION

2.1 NATIONAL LEGISLATION

Specific legislation on child online protection has been enacted through the following instruments:
- Articles 327, 383-385, 385-1 and 385b of the Criminal Code.

2.2 UN CONVENTION AND PROTOCOL

Luxembourg has acceded, with no declarations or reservations to articles 16, 17(e) and 34(c), to the Convention on the Rights of the Child.

Luxembourg has acceded, with no declarations or reservations to articles 2 and 3, to the Optional Protocol to The Convention on the Rights of the Child on the Sale of Children, Child Prostitution and Child Pornography.

2.3 INSTITUTIONAL SUPPORT

There is no information showing any agency that provides support for online child protection in Luxembourg.

2.4 REPORTING MECHANISM

Online illegal content can be reported at the website BEE SECURE Stopline (*). Also computer incidents can be reported in the website of the CIRCL, by the email address info@circl.lu or by the phone number (+352) 247 88444.