CYBERSECURITY IN LUXEMBOURG

A JOURNEY THROUGH THE LAST 20 YEARS

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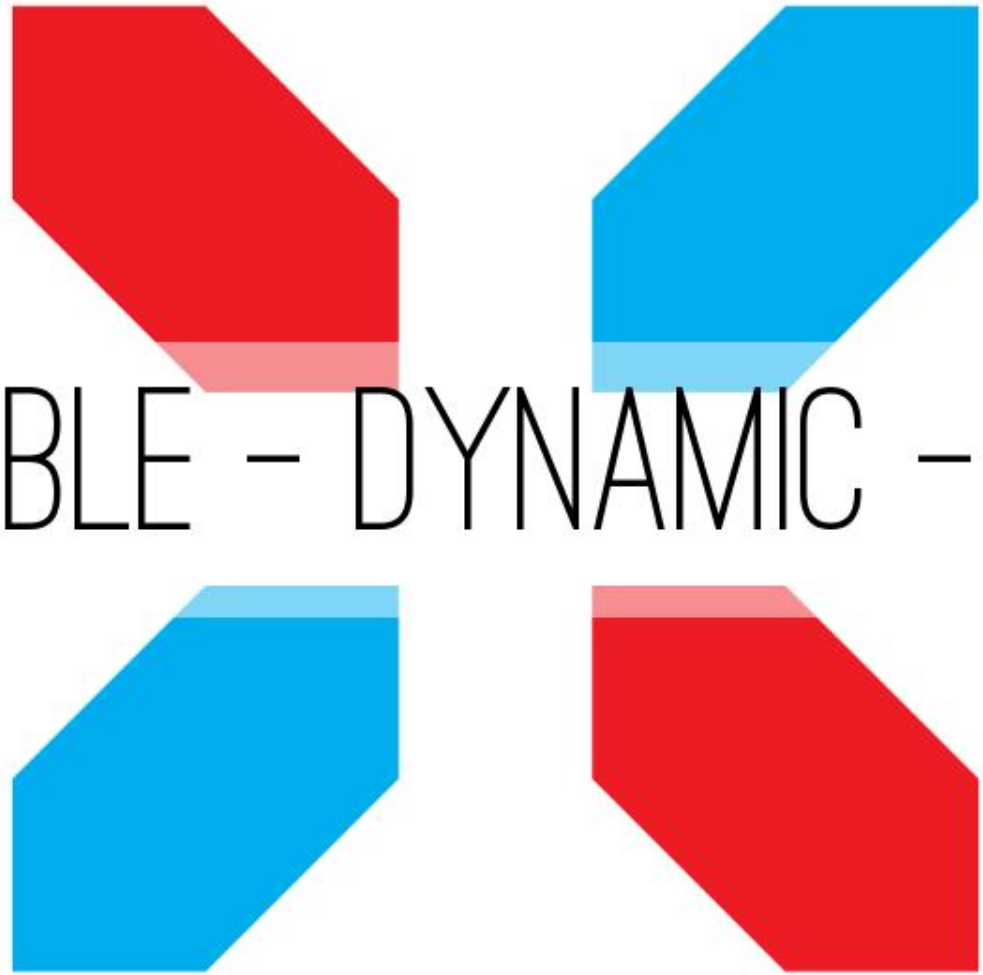
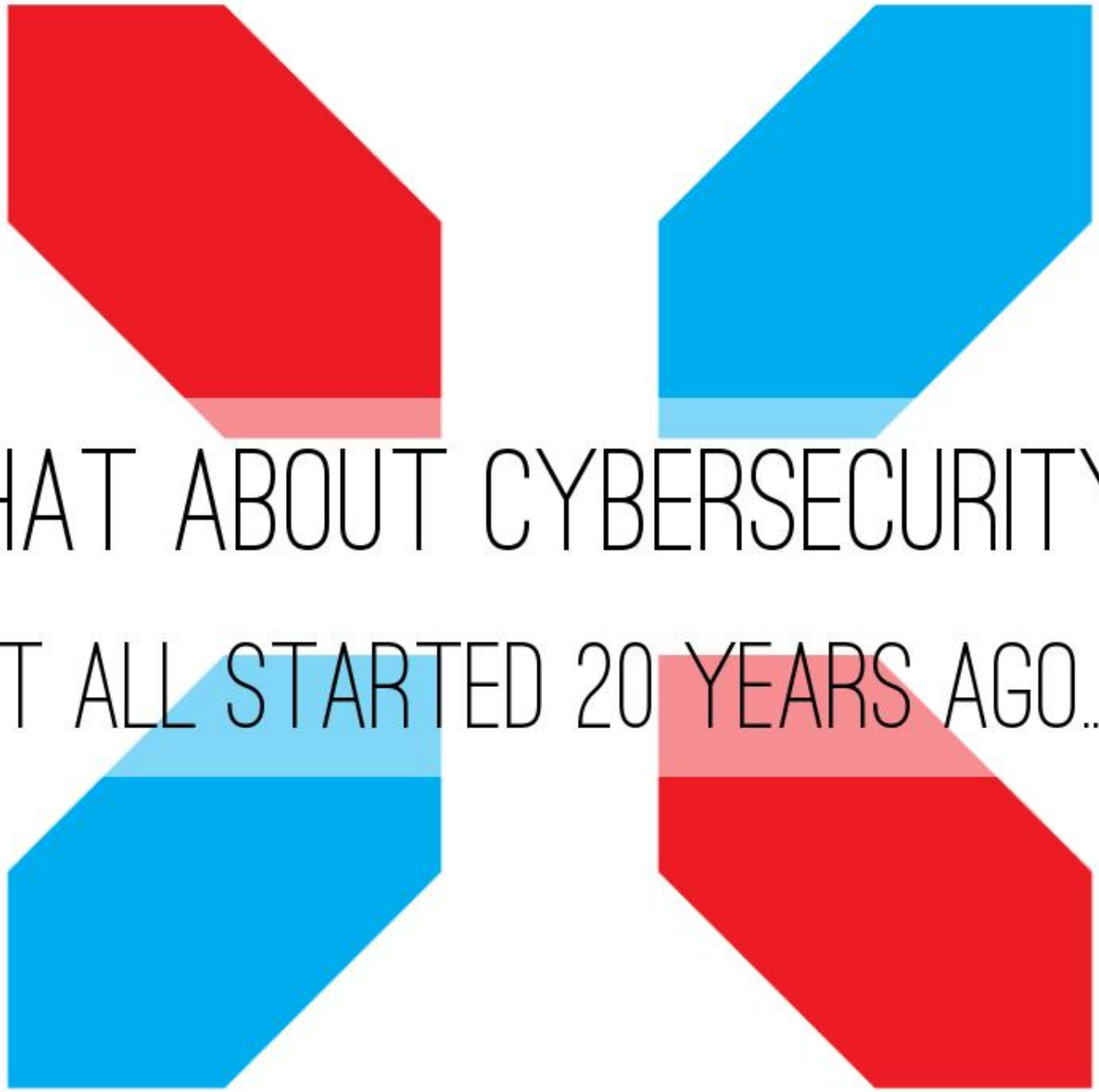
LUXEMBOURG

LET'S MAKE IT HAPPEN



RELIABLE – DYNAMIC – OPEN

THE ECONOMY IN BRIEF


WHAT ABOUT CYBERSECURITY ?
IT ALL STARTED 20 YEARS AGO...

"ILOVEYOU" VIRUS (2000)

A WAKE UP CALL

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KEY MILESTONES OF THE LAST 20 YEARS

- 2002 - First masterplan by the MECO
- 2006 - CASES: "best awareness" by ENISA
- 2008 - CIRCL: first CERT in Luxembourg
- 2009 - BEE SECURE safer internet centre
- 2010 - creation of SECURITYMADEIN.LU
- 2011 - creation of CSB
- 2017 - launch of C3
- 2018 - national cybersecurity strategy III

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CYBERSECURITY ECOSYSTEM LUXEMBOURG

1. National Cybersecurity Board
2. Inter-ministerial coordination committee
3. HCPN, ANSSI, GOVCERT
4. SMILE, CASES, CIRCL, C3, BEE SECURE
5. CERT.LU community
6. Regulators (CNPD, CSSF, HCPN, ILNAS, ILR)
7. Providers, associations, user-communities

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NATIONAL CYBERSECURITY STRATEGY III

2018 - 2020

1. BUILDING PUBLIC CONFIDENCE IN THE DIGITAL ENVIRONMENT

2. PROTECTING DIGITAL INFRASTRUCTURES

3. PROMOTING THE ECONOMY

NATIONAL PROTECTION (3)

- PIU CYBER (HCPN)
- GovPolSec (ANSSI)
- CERC (GOVCERT)
- DDoS Scrubbing Centre (HCPN)

Info Crise

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SECURING THE ECONOMY (4)

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cases.lu

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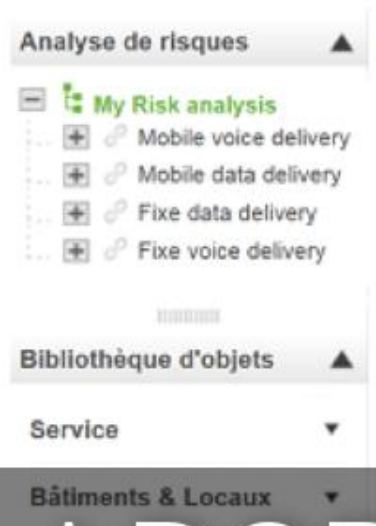
THREAT SHARING



RISK COLLABORATION

OPTIMISED RISK ANALYSIS
cases MONARC
www.monarc.lu

c3
Cybersecurity
Competence Center
LUXEMBOURG

CYBERSECURITY COMPETENCE CENTER

THE 3 MAIN COMPETENCES AREAS

OBSERVE

Be aware of the latest threats and vulnerabilities

TEST

Test your cyber resilience

TRAIN

Train your teams to prevent and react to incidents

COMPETENCE BUILDING

www.c-3.lu
info@securitymadein.lu
16 Boulevard d'Avranches, L-1160 Luxembourg
+352 274 00 98 601

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THE GOVERNMENT OF THE GRAND DUCHY OF LUXEMBOURG
Ministry of the Economy

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ECONOMY & LOCAL GOVERNMENT
NAT / GOV & CRITICAL INFRA.
HEALTH CARE
NATIONAL CERT/SOC COMMUNITY (5)
itrust consulting
EXCELLIUM
Your first call when it comes to IT and security
clearstream
DEUTSCHE BÖRSE GROUP
European Commission
MALWARE.LU CERT
CERT XLM
DBG-CERT
EC DIGIT CSIRC
POST LUXEMBOURG
telindus

COMPLIANCE (6)

- GDPR (CNPD)
- PSF (CSSF)
- CIP (HCPN)
- PSDC (ILNAS)
- NIS (ILR, CSSF)

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THREAT LANDSCAPE

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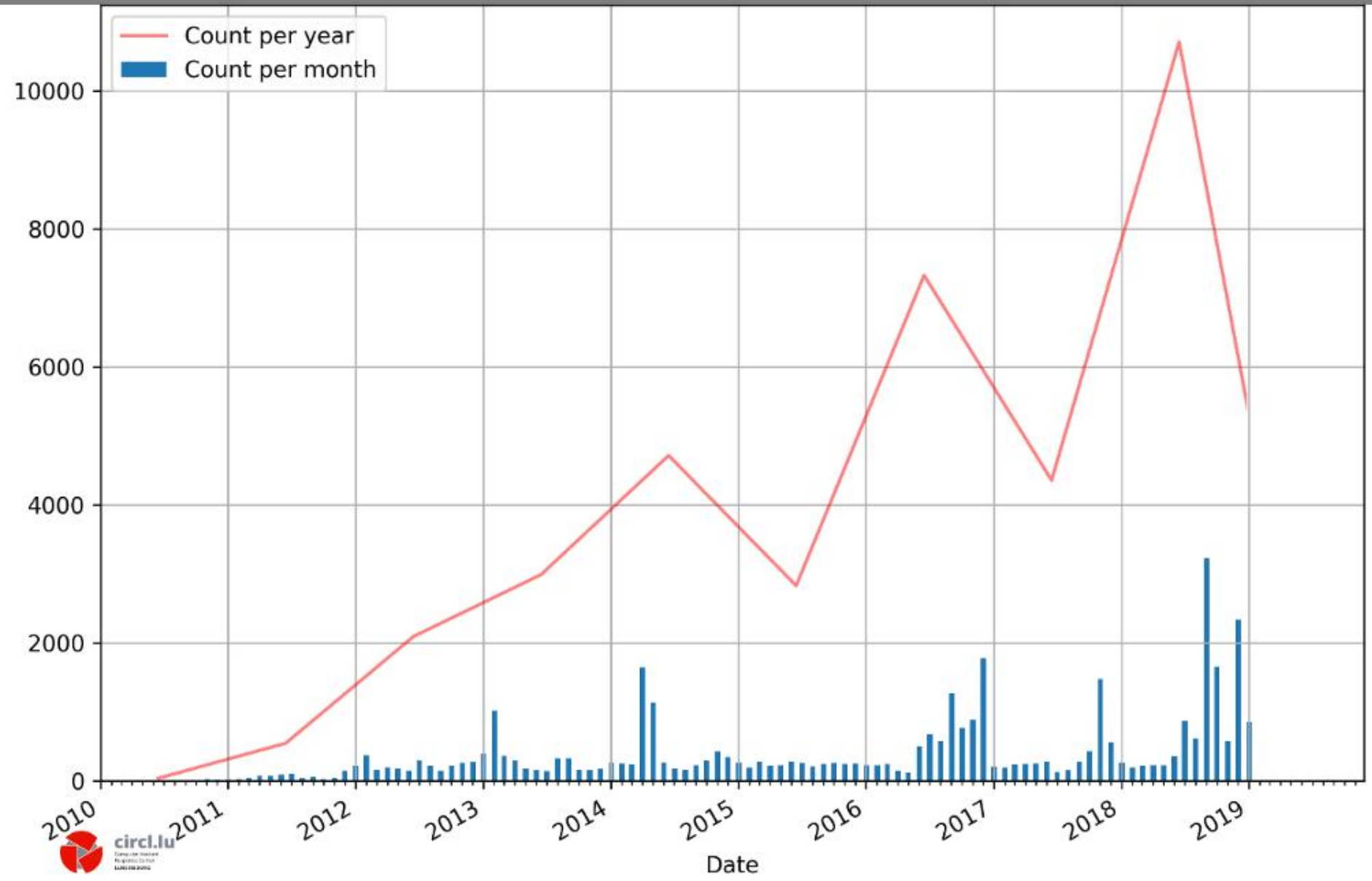
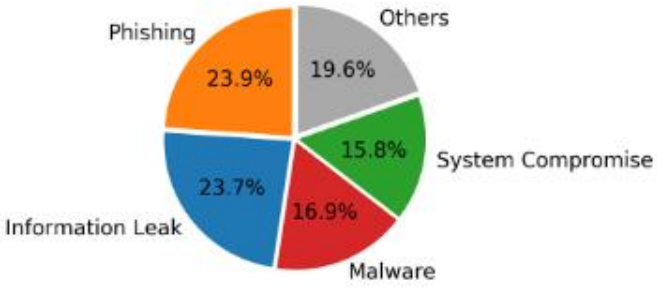
INCIDENTS IN LUXEMBOURG

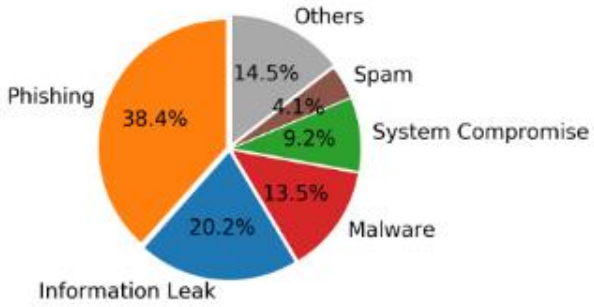


BY TYPE

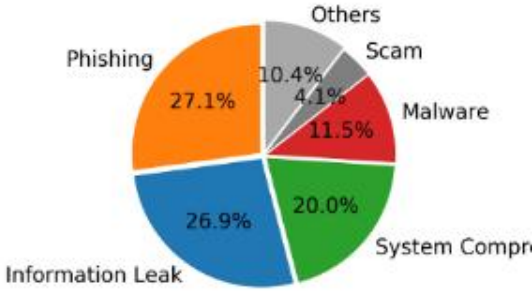
2014



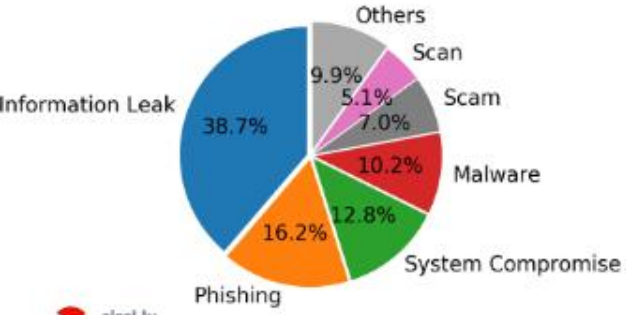
2015



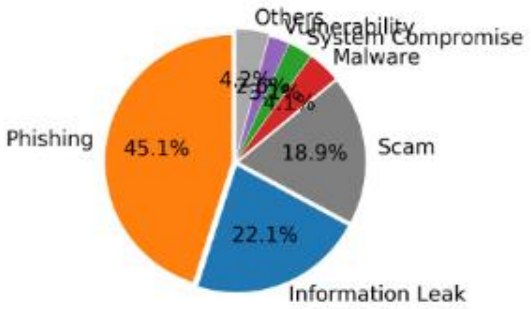
2016



2017



2018



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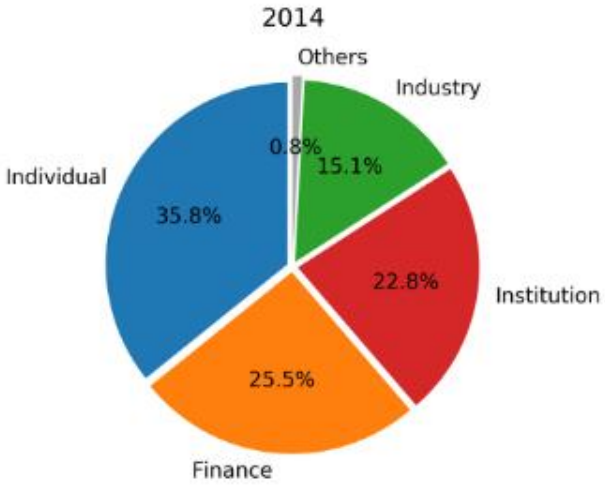
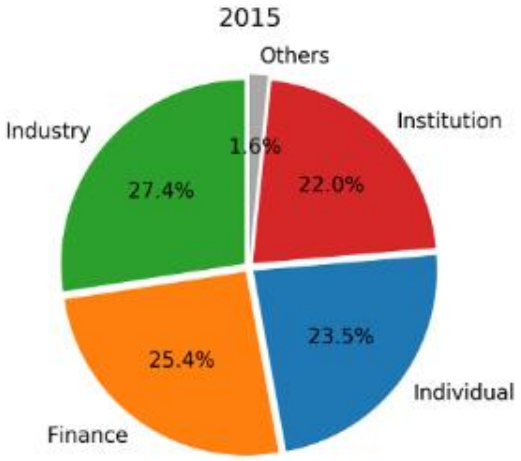
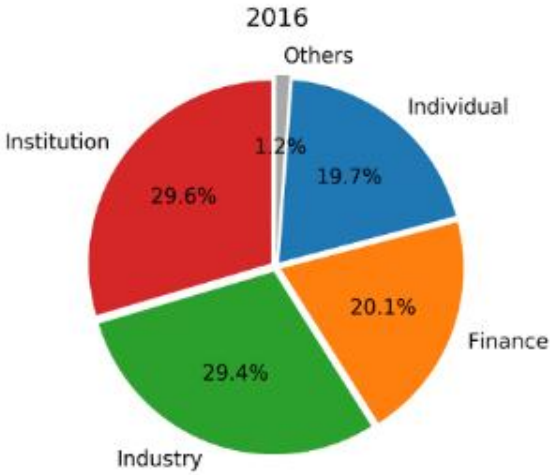
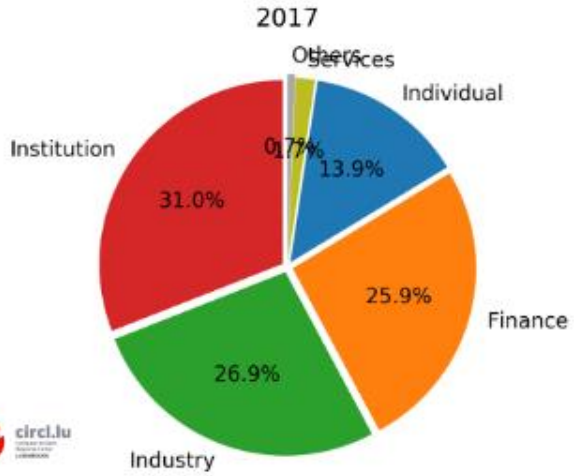
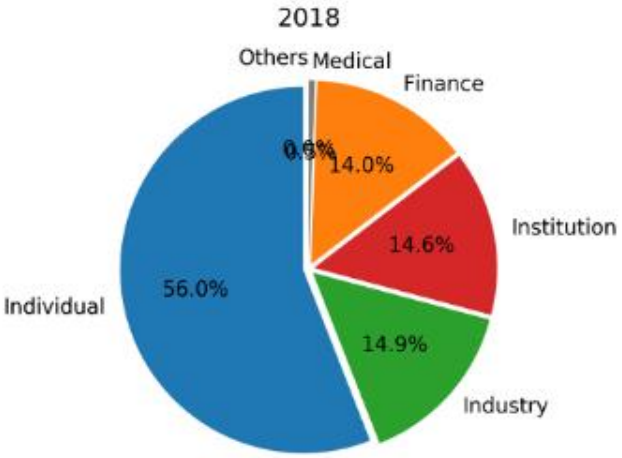
BY SECTOR











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THANK YOU

PASCAL STEICHEN

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