

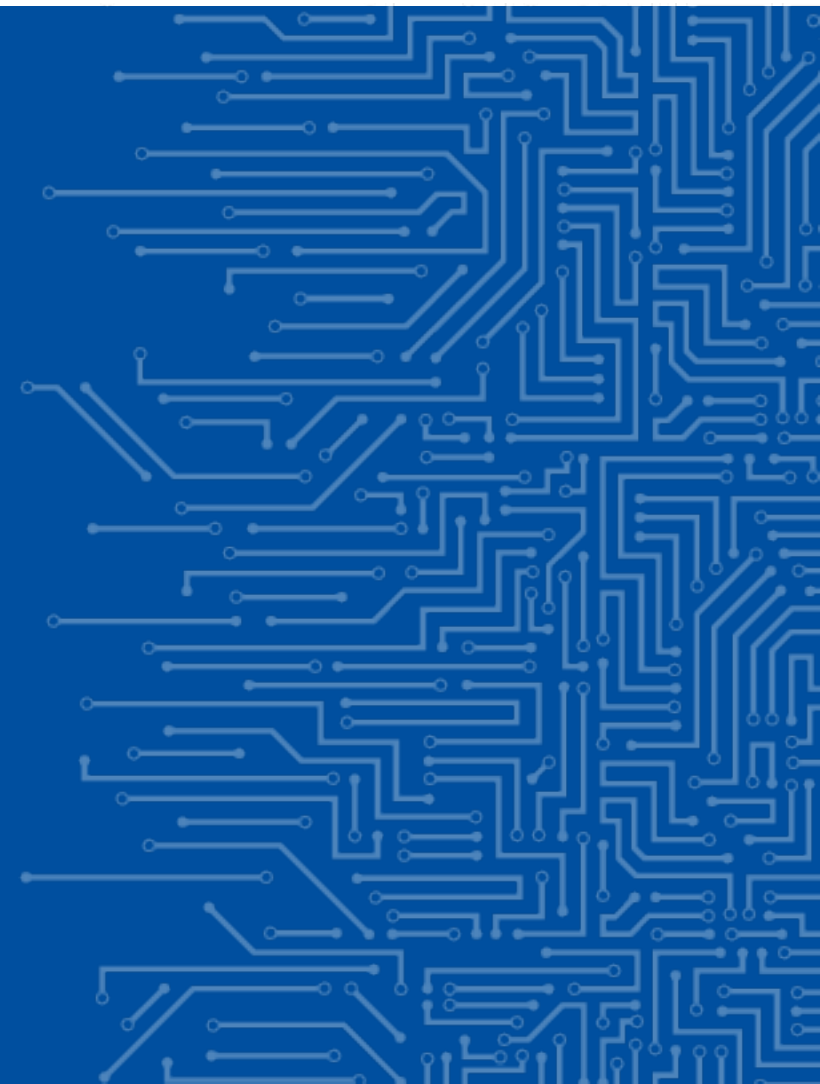


EUROPEAN UNION AGENCY
FOR CYBERSECURITY



06 | 06 | 2023

Anna Sarri - Cybersecurity Officer
Topic: Cybersecurity for SMEs
Awareness Raising & Education Team
Capacity Building Unit - ENISA



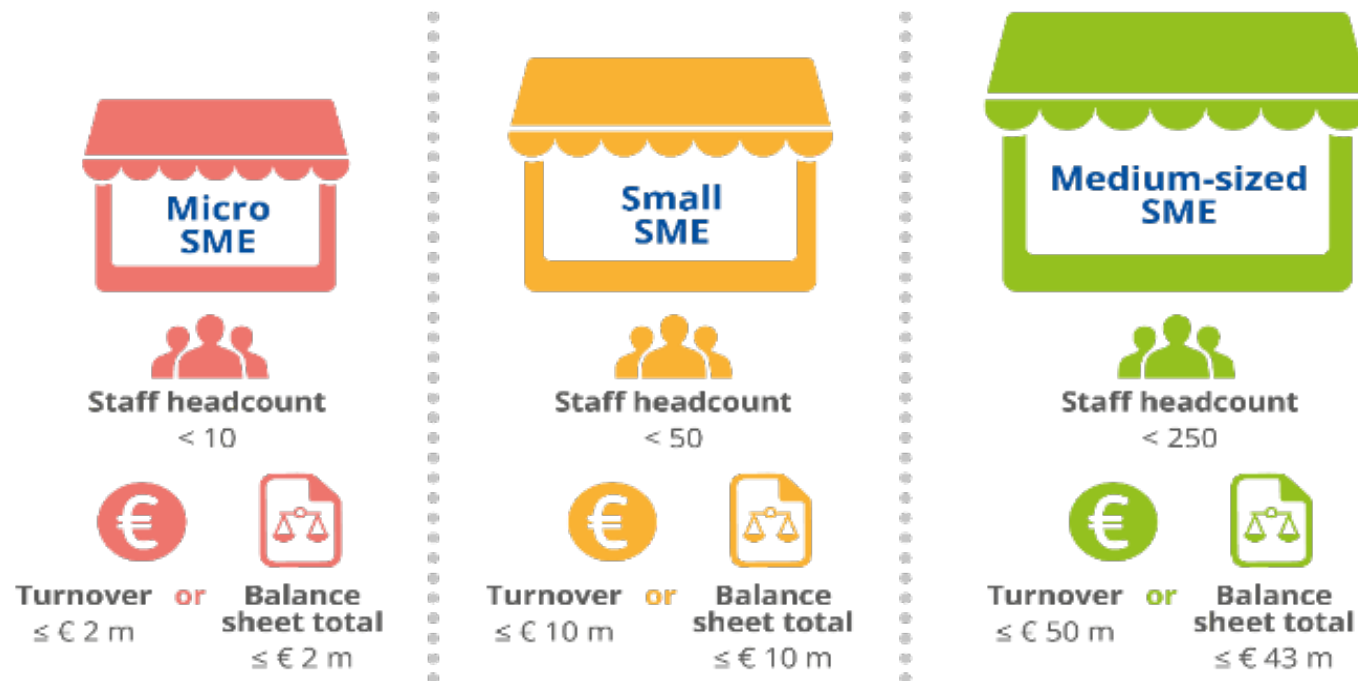
SMES LANDSCAPE

99%

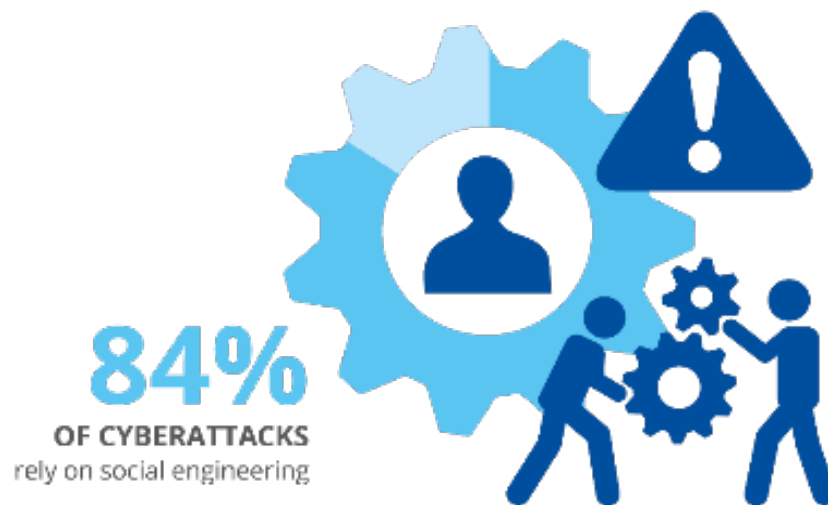
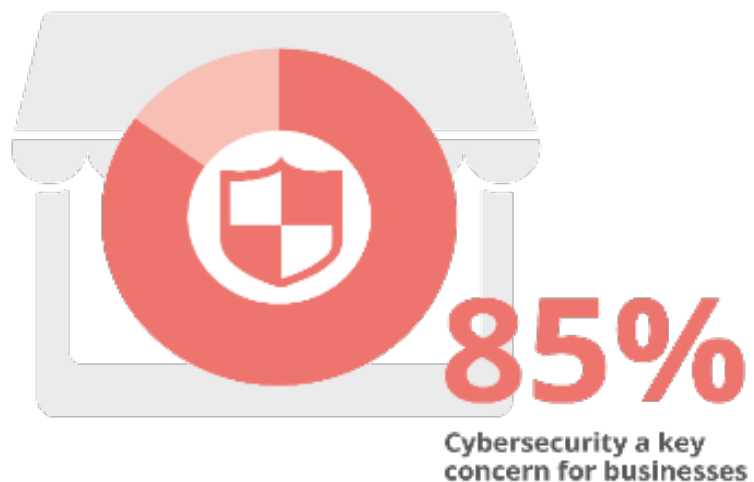
Of businesses in the EU are SMEs

93%

Of SMEs in the EU are micro.



CYBERSECURITY CONCERNS



41%
Phishing



40%
Web based attack



39%
General malware



19%
Malicious insider



12%
Denial of service



11%
Social engineering



7%
Compromised/
stolen device



TECHNOLOGY USAGE

Figure 8: Use of Cloud

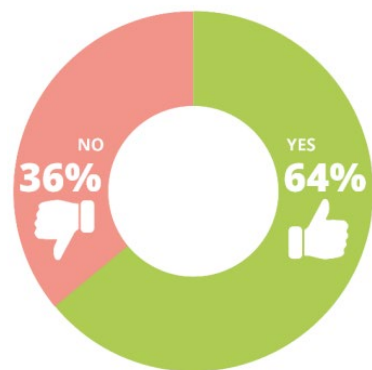
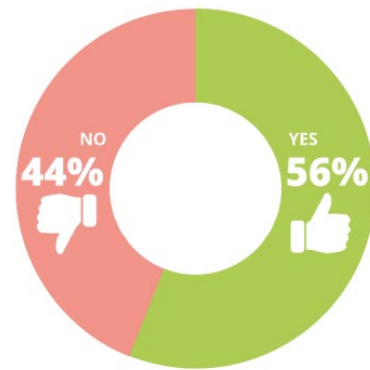


Figure 9: Use of Remote Access



LESS THAN
30%
OF THE PARTICIPANTS

- Removable media management
- ISMS
- Security Officer
- Incident response structure
- Business continuity and Disaster recovery plan
- Cyber/ Information

MORE THAN
70%
OF THE PARTICIPANTS

- Backup
- Antivirus
- Firewall
- Systematic updating of software

CHALLENGES

- Low cybersecurity awareness of the personnel,
- Inadequate protection of critical and sensitive information,
- Lack of budget,
- Lack of ICT cybersecurity specialists,
- Lack of suitable cybersecurity guidelines specific to SMEs,
- Shadow IT, i.e. shift of work in ICT environment out of SME's control,
- Low management support.



SUPPORTING SME

CYBERSECURITY FOR SMES
Challenges and Recommendations
JUNE 2021

Reports

Cybersecurity Maturity Assessment for Small and Medium Enterprises

This tool helps Small and Medium-sized business enhance their cybersecurity maturity level and provide them with an adaptive progressive plan to handle cybersecurity risks.

Tools

[Start the assessment >>](#)

3 reasons to assess you company's cybersecurity maturity

- Cybersecurity evaluation**
Understand what is your cybersecurity maturity level and compare with similar businesses
- Personalised plan**
Get a tailored improvement action plan adapted to the needs of your business
- Top security**
Use our online secure tool to increase your cybersecurity level with our recommended action plan

3 key areas to assess for your business

- People**
Assess whether your employees are prepared to face cyber threats
- Technology**
Understand your technology and how to implement best cybersecurity practices
- Processes**
Ensure that your organisation has the right processes in place to deal with cybersecurity risks

Events

Κυβερνοασφάλεια για Μικρομεσαίες Επιχειρήσεις

Συμβουλές, κατευθυντήριες γραμμές και εύχρηστα εργαλεία με στόχο την αύξηση της ασφάλειας στον κυβερνοχώρο για μικρούς & μεσαίους οργανισμούς

ENISA, Οργανισμός της Ευρωπαϊκής Ένωσης για την Κυβερνοασφάλεια

ΔΕΘ - Περίπτερο 10
Δευτέρα 12 Σεπτεμβρίου 2022
ΩΡΑ: 19.00-20.00

Cybersecurity guide for SMEs
12 STEPS
TO SECURING YOUR BUSINESS

Leaflets

CYBER 4.0 CYBERSECURITY COMPETENCE CENTER

ISCRIVITI ALLA NEWSLETTER

Cybersecurity for SMEs - The EU scenario and the Italian perspective

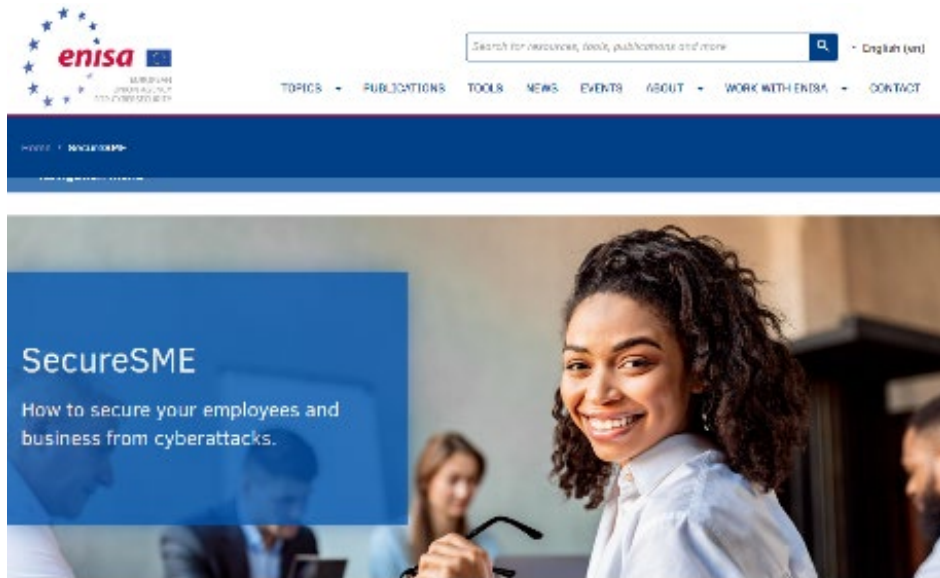
10 NOVEMBRE 2021

Webinars



ENISA ACTIONS

Dedicated web tool



Cybersecurity doesn't necessarily have to be costly for SMEs to implement and maintain. There are several measures that can be implemented, without the company having to invest a large amount.

Videos <https://tinyurl.com/2j7rmaj4>



Translations



Campaigns



PODCAST

Ransomware campaigns targeting SMEs



MODERATOR:



Anna Sarri
Cybersecurity Officer,
EU Agency for
Cybersecurity (ENISA)

PARTICIPANTS:



Marijn Schuurbiens
Head of Operations in
Europol's Cybercrime
Centre (EC3)



Brian Honan
CEO of BH Consulting
and founder of the first
Irish Computer Emergency
Response Team (CERT)



Ifigeneia Lella
Cybersecurity Officer,
EU Agency for
Cybersecurity (ENISA)

Link to the podcast:
https://www.youtube.com/watch?v=eSuBRO_rawU

CYBERSECURITY MATURITY ASSESSMENT (CMA)

Home > Cybersecurity Maturity Assessment for Small and Medium Enterprises

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3 key areas to assess for your business



People

Assess whether your employees are prepared to face cyber threats



Technology

Understand your technology and how to implement best cybersecurity practices



Processes

Ensure that your organisation has the right processes in place to deal with cybersecurity risks

CMA - MODULES

An official website of the European Union How do you know? ▾



Search for resources, tools, publications and more



English (en)

TOPICS ▾ PUBLICATIONS TOOLS NEWS EVENTS ABOUT ▾ WORK WITH ENISA ▾ CONTACT

Home > Tools > Cybersecurity Maturity Assessment for Small and Medium Enterprises

Cybersecurity Maturity Assessment for Small and Medium Enterprises

Modules

Business Profile

Maturity Level

Improvement action plan

Benchmark

Log out

Self-Assessment Modules

Please follow our step-by-step approach to complete your assessment



Business Profile

Complete or update your business profile



Maturity Level

Answer questionnaire to assess your maturity level



Improvement action plan

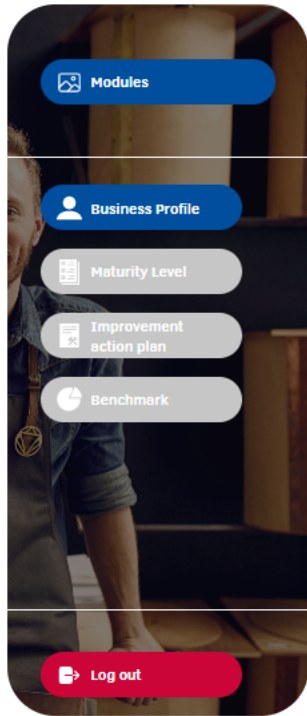
Get a tailored plan to increase your maturity level



Benchmark

Get access to you benchmark and compare with other business of the same profile

CMA – ACTION PLAN



Business Profile

With this profiling questionnaire, information is collected to be able to provide adapted recommendations

Page 1/7 (14%)

1. In which size category would you place your company?

- Micro SMEs : businesses with headcount less than 10 people and annual revenue less or equal to 2m €.
- Small SMEs : businesses with headcount less than 50 people and annual revenue less or equal to 10m €.
- Medium-sized SMEs : businesses with headcount less than 250 staff members and annual revenue less or equal to 50m €.

Previous

Save and quit

Next >

Remediation Plan and follow up

You'll find the remediation plan that we recommend to improve your level below. You can also follow up this plan by complete status information.

Foundation **Advanced** Expert

Level: **Advanced** The questionnaires have been completed for this level of maturity. [Download plan](#)

Task ID	Domain	Description of the task	Status	Comment
0	Processes	Approve, log and perform remote maintenance in a manner to prevent unauthorized access	Assigned to Alice Priority High Status To be planned	Comment...
1	Technology	Protect your removable media and restrict its use according to policy	Assigned to Bob Priority High Status To be planned	Comment...
2	Processes	Incorporate the principle of least functionality by configuring systems to provide only essential capabilities	Assigned to Bob Priority High Status On-going	Comment...
3	Technology	Implement mechanisms (e.g., fail-safe, load balancing, hot swap) to achieve resilience requirements in normal and adverse situations	Assigned to Bob Priority High Status Achieved	Comment...
4	Processes	Determine impact of events via an established process	Assigned to Alice Priority High Status Achieved	Comment...
5	Processes	Define and establish incident alert thresholds	Assigned to Alice Priority High Status To be planned	Comment...
6	Processes	Make the impact of the incident well understood within your organisation	Assigned to Charles Priority High Status On-going	Comment...
7	Processes	Categorise incidents consistent with your response plans	Assigned to Alice Priority High Status To be planned	Comment...

You can complete and follow-up remediation plan progression and then save and quit to be able to update the remediation plan once you'll performed more actions.

[Save and Quit](#) [Save and Move to next level](#)

CMA - BENCHMARK

An official website of the European Union How do you know? ▾



Search for resources, tools, publications and more 🔍 English (en)

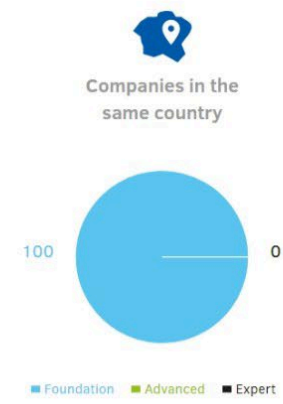
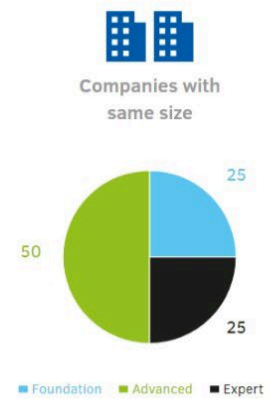
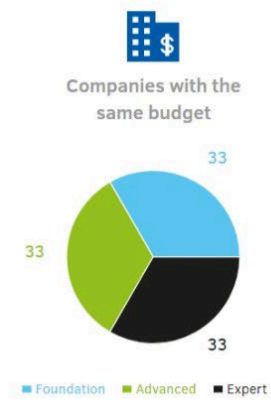
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Home > Tools > Cybersecurity Maturity Assessment for Small and Medium Enterprises

Cybersecurity Maturity Assessment for Small and Medium Enterprises

- Modules
- Business Profile
- Maturity Level
- Improvement action plan
- Benchmark
- Log out

📊 Compare your business maturity level with similar companies within Europe



THE WAY FORWARD

NEXT STEPS



- Support EU MS and NCCs implement NISD2 provisions related to SMEs Cybersecurity
- Create SMART awareness raising campaigns and tools for SMEs
- Create a network of multipliers to pass the right messages in all EU MS
- Measure the effectiveness of cybersecurity campaigns for SMEs.

THANK YOU FOR YOUR ATTENTION

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