





CC Statistics report



About me



- **José Manuel Pulido:**
- Common Criteria expert and Lead Consultant in jtsec.
- CCToolbox developer
- Contributor to ENISA, Eurosmart and ISO projects and CEN/CENELEC.
- More than 12 years of experience in cybersecurity technologies
- Speaker at several conferences including CCUF20, ICC20, ICC21 and ICC22

About us



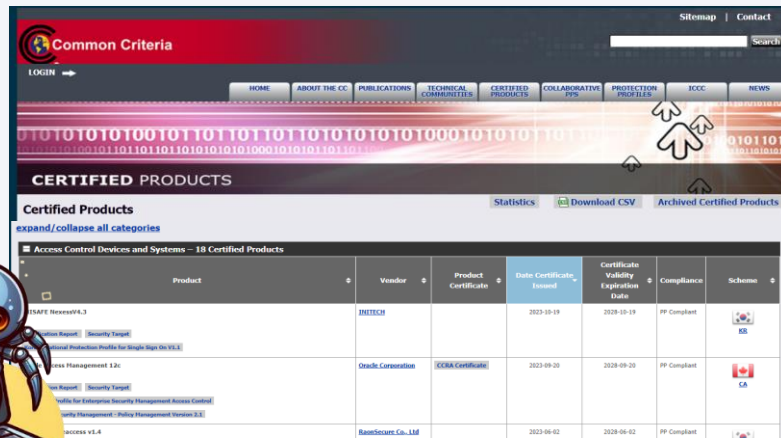
- jtsec is part of the A+ group along with Lightship Security. We have labs in Canada, USA and Spain.
- Cybersecurity **evaluation** & consultancy **services**
- Common Criteria, LINCE and ETSI EN 303 645 accredited lab.
- Developers of the most powerful tool for Common Criteria, CCToolbox.
- **Involved in standardization** activities (ISO, CEN/CENELEC, ISCI WGs, ENISA CSA WGs, CCUF, CMUF, ERNCIP, ...)
- Members of the SCCG (Stakeholder Cybersecurity Certification Group)

CC Scraper

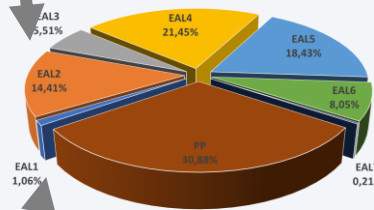
How we collect statistics





Collecting CC statistics with CC Scraper



| Product | Vendor | Product Certificate | Date - Certificate Issued | Certificate Validity Expiration Date | Compliance | Scheme |
|------------------------|---------------------|---------------------|---------------------------|--------------------------------------|--------------|--------|
| EMATE Nexus40.3 | EMTECH | | 2023-10-19 | 2028-10-19 | PP Compliant | UK |
| Access Management 2.3c | Oracle Corporation | CCRA Certificate | 2023-09-20 | 2028-09-20 | PP Compliant | CA |
| Access v1.4 | BaseSecure Co., Ltd | | 2023-06-02 | 2028-06-02 | PP Compliant | |



We continuously maintain and improve CC scraper:

- Many CB webpages frequently change their structure (**7 out of 11 CB sites in 2024**)
- Parsed 2 new CB websites:
 - ✓ Qatar 
 - ✓ Poland 
- TrustCB new website.
- Dealing with anti-bot protection (CC-portal and Sweden and French CBs).
- Many other optimizations and minor improvements.

Results are close to accurate, but could have small variations

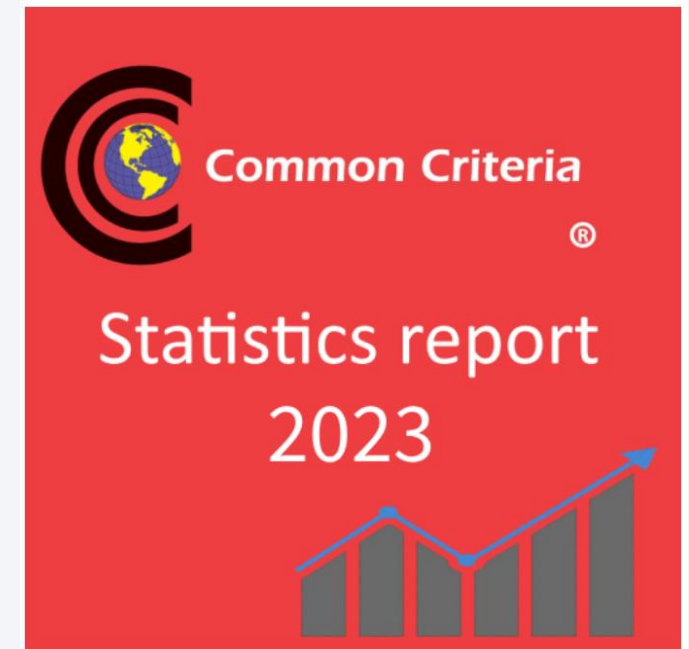
- We will happily receive your feedback.



CC Scraper reports

- ❑ With the statistics generated, we publish CC statistics reports in jtsec webpage, at least once per year.

- ❑ <https://www.jtsec.es/blog-entry/106/common-criteria-statistics-report-for-2021>
- ❑ <https://www.jtsec.es/blog-entry/125/common-criteria-statistics-report-for-2022>
- ❑ <https://www.jtsec.es/blog-entry/135/common-criteria-statistics-2023>

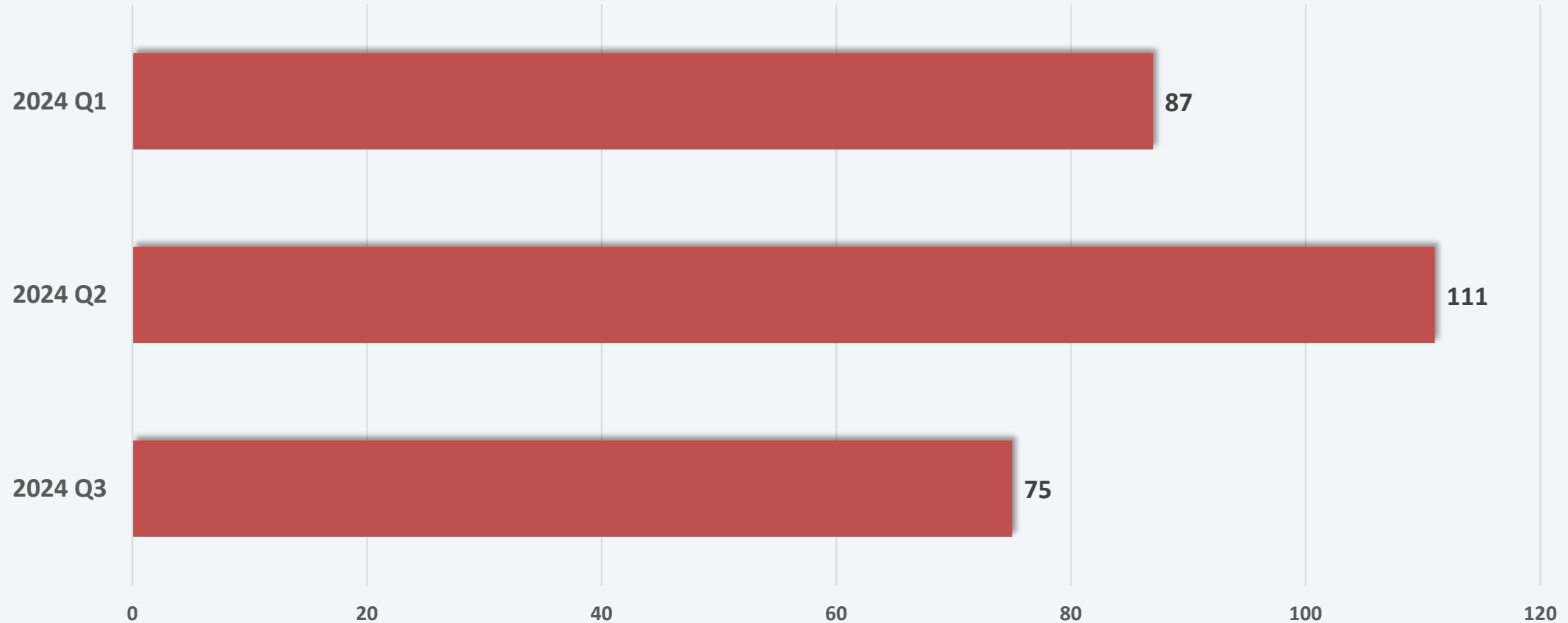


Common Criteria Statistics for 2024

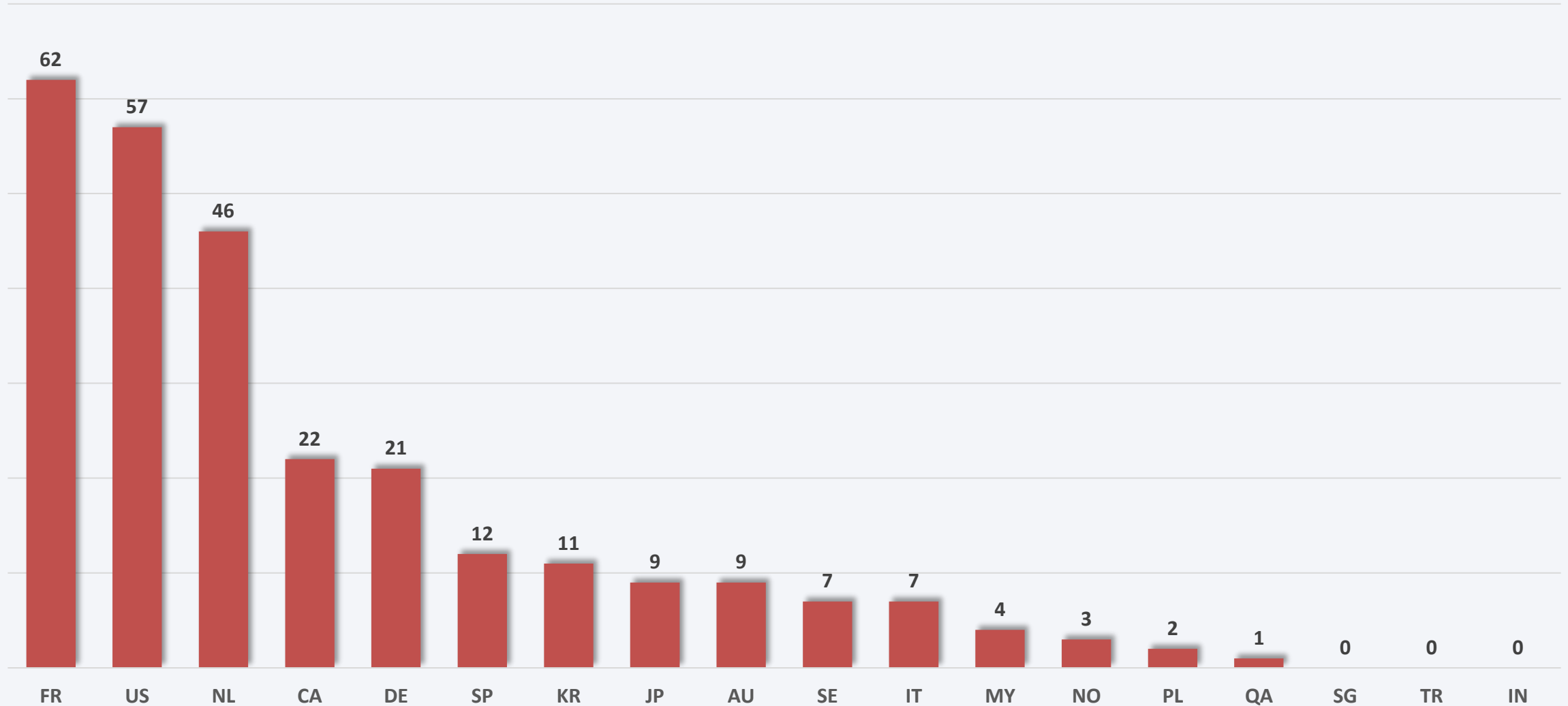
Disclaimer: CC scraper was run on 30 of September 2024. The statistics are calculated with the data for the first 9 months of the year.

Number of CC certificates in 2024

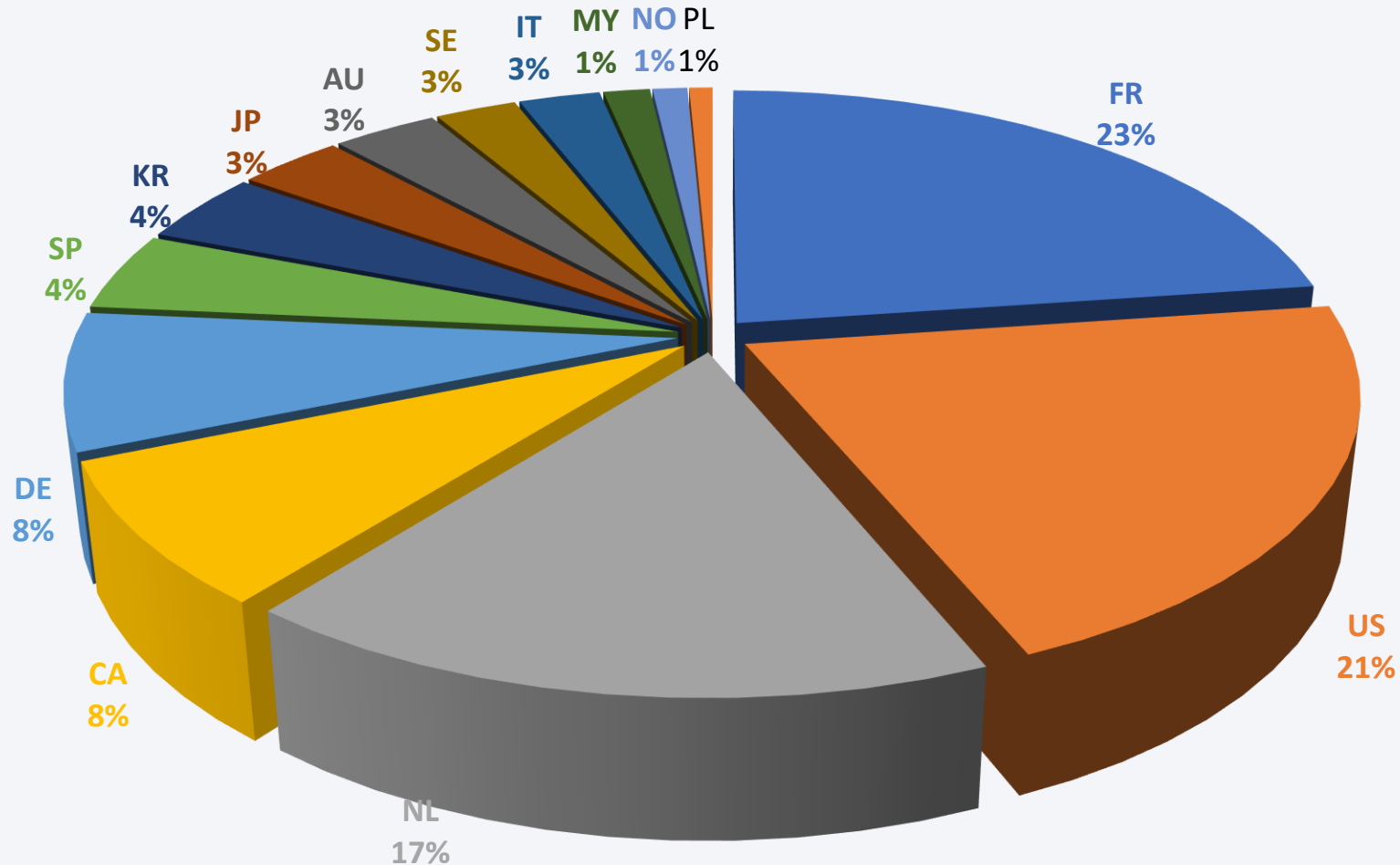
□ **273** products were CC certified during 2024 (data until 30/09/2024)



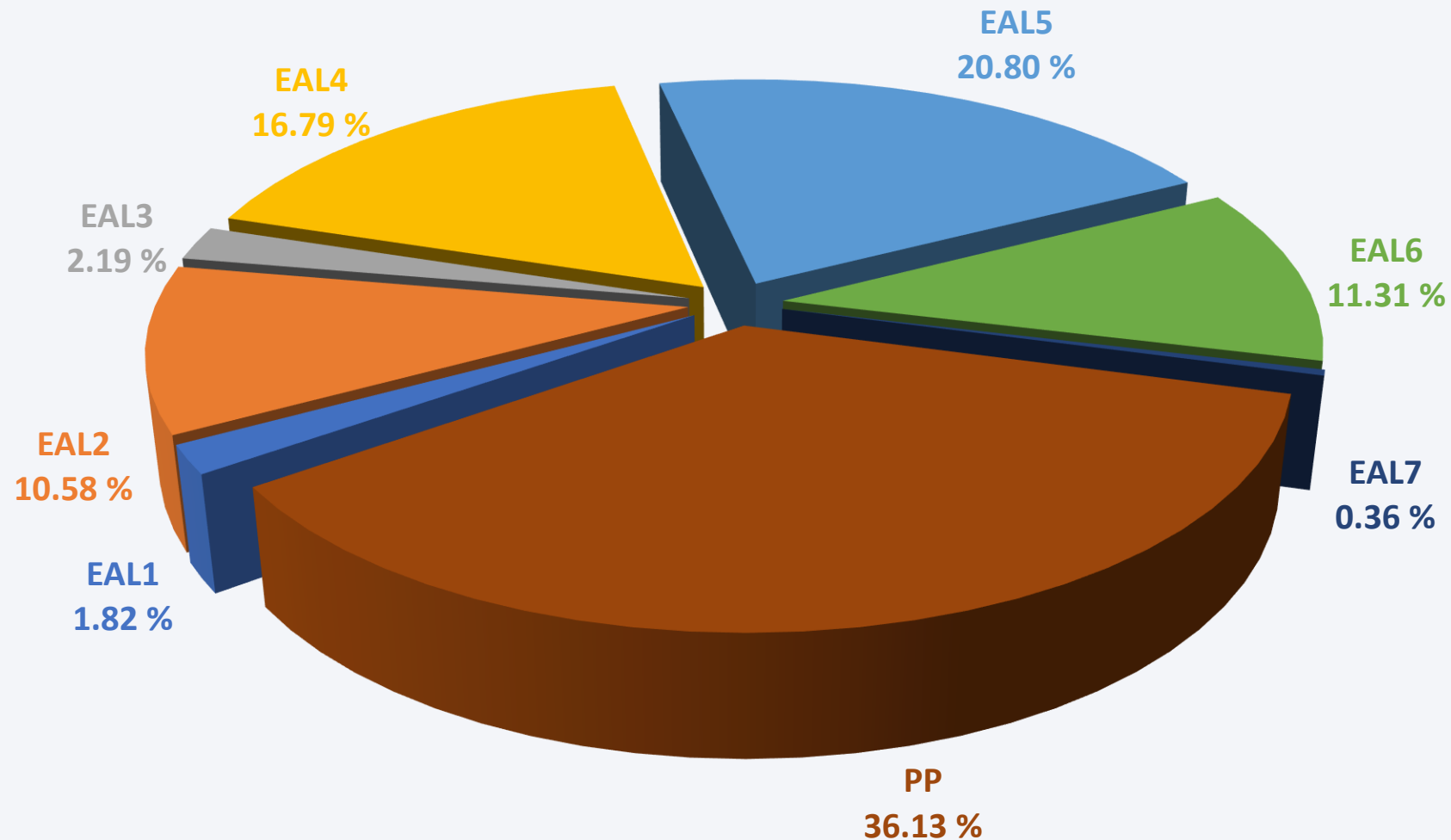
Top certifying schemes in 2024



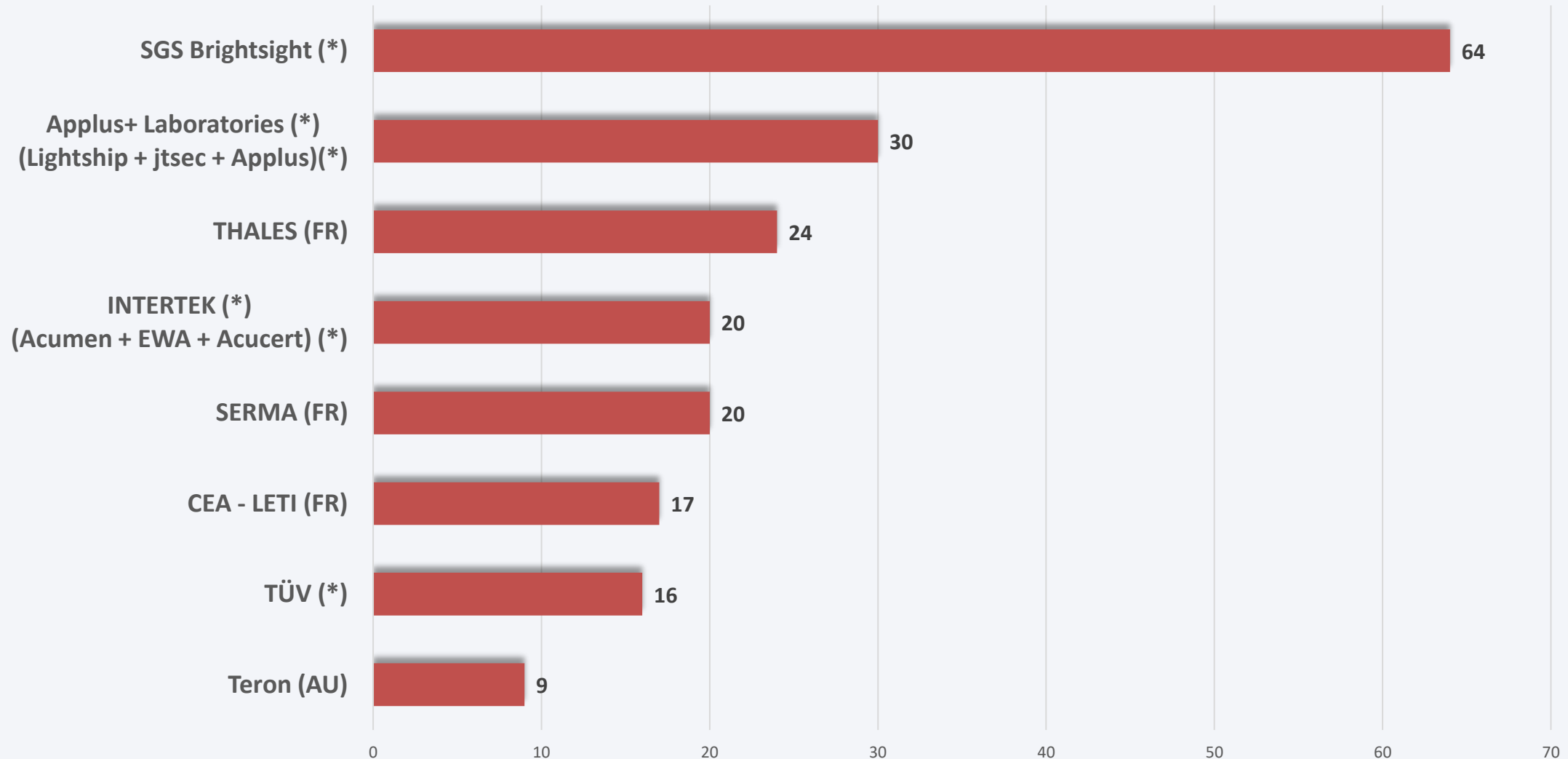
Percentage of certifications per scheme in 2024



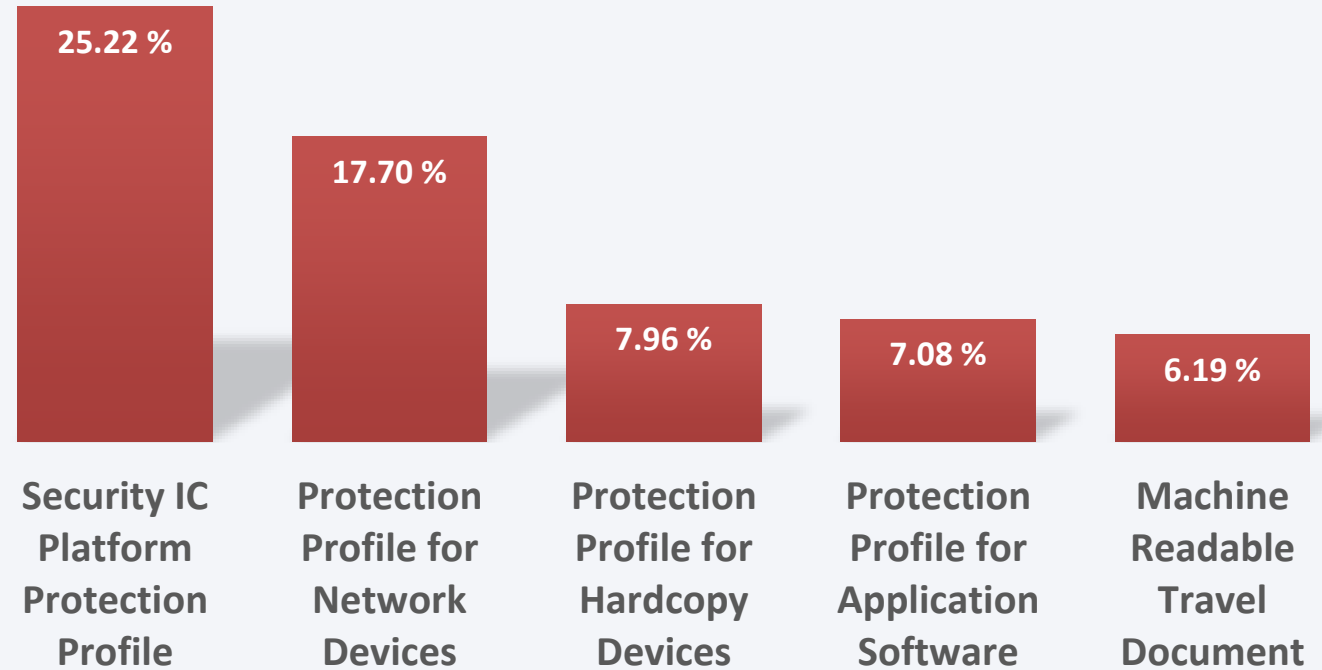
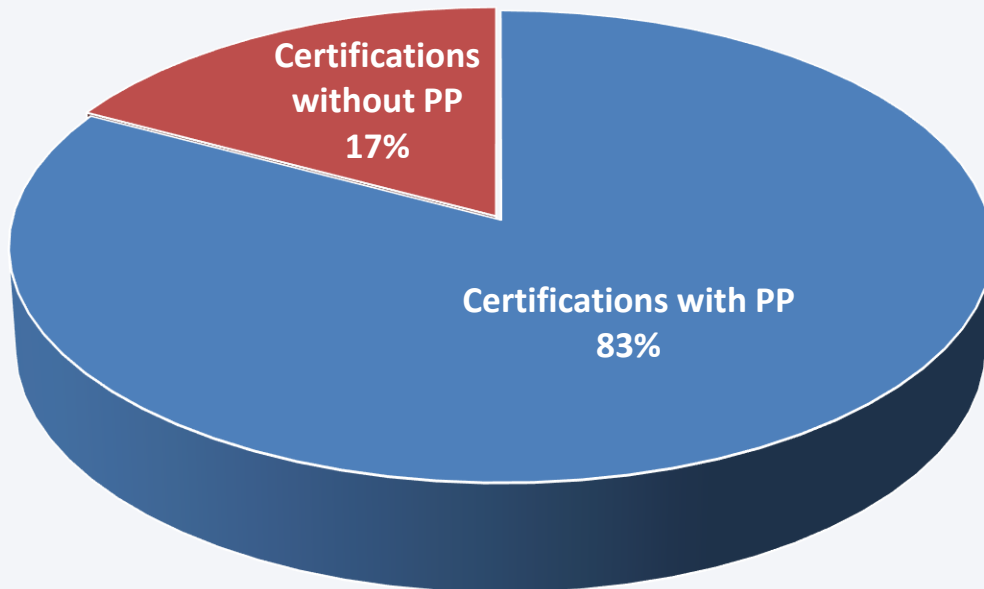
Assurance levels used in 2024



Top laboratories in 2024

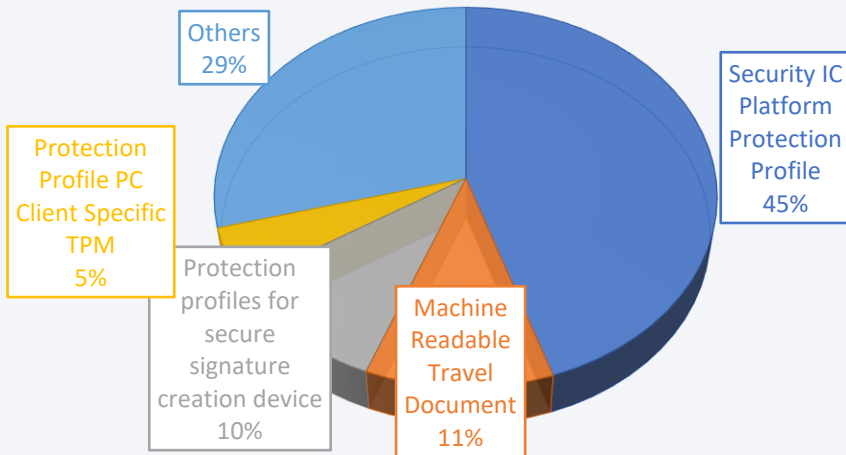


Use of PPs in 2024

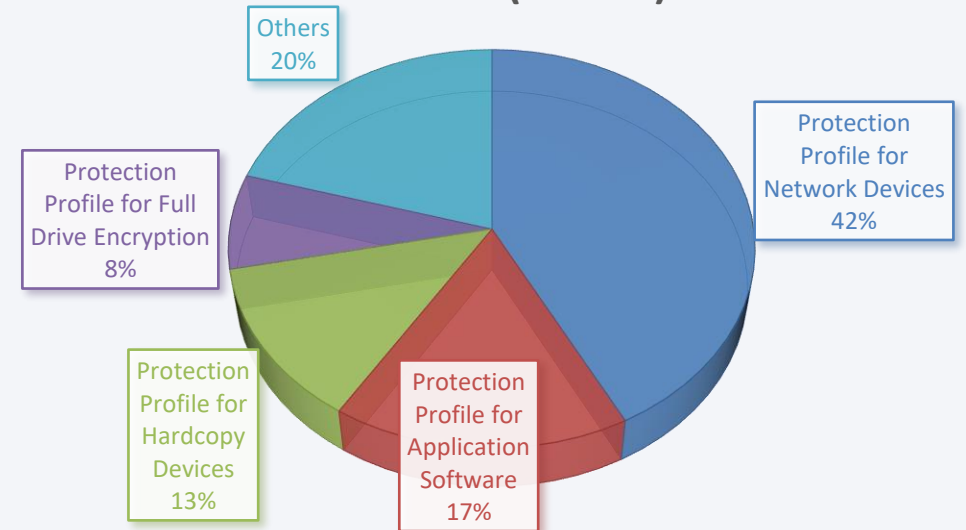


Use of PPs per Geographic Regions (2024)

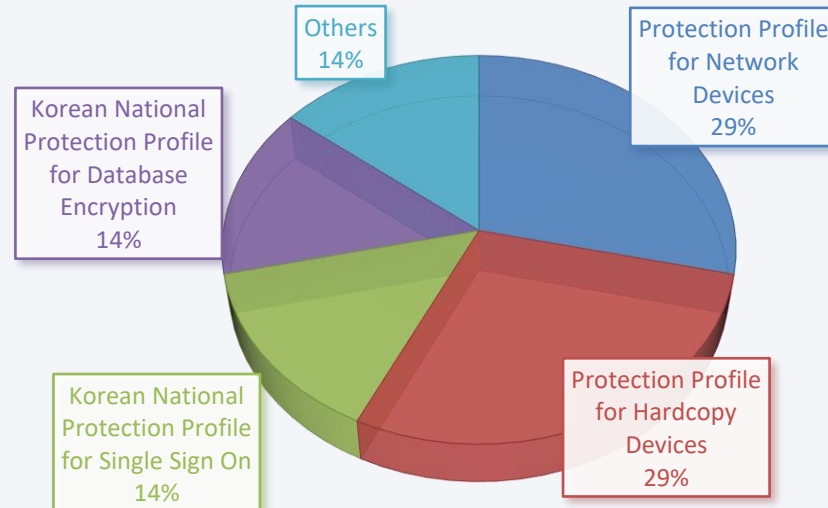
EUROPE



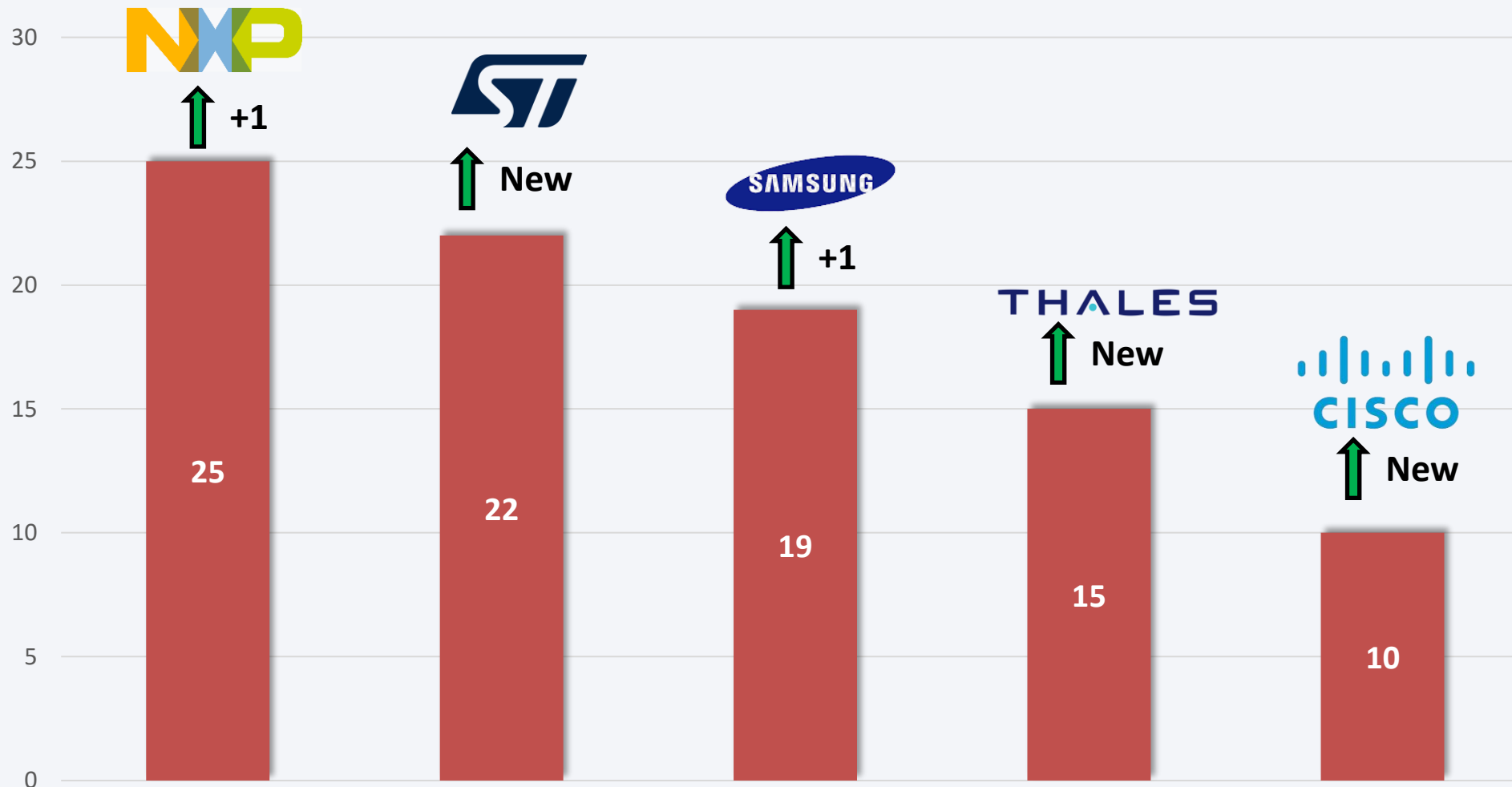
AMERICA (US+CA)



REST OF THE WORLD

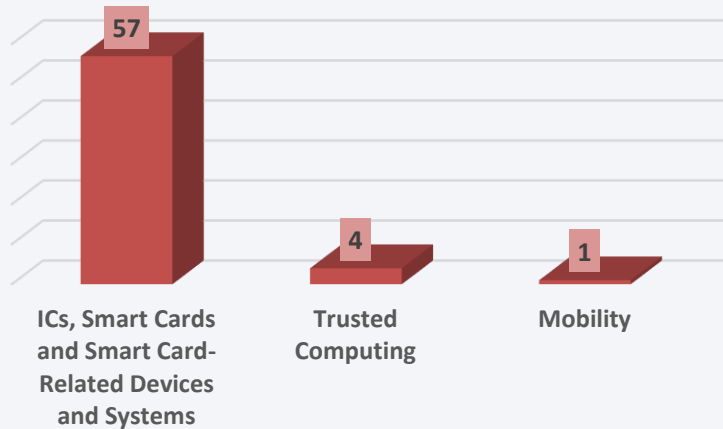


Top manufacturers of certified products in 2024

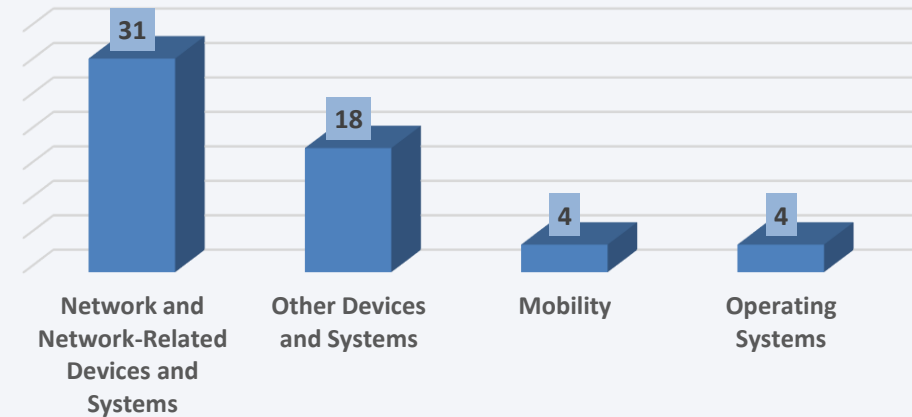


Product categories in top-certifying schemes (2024)

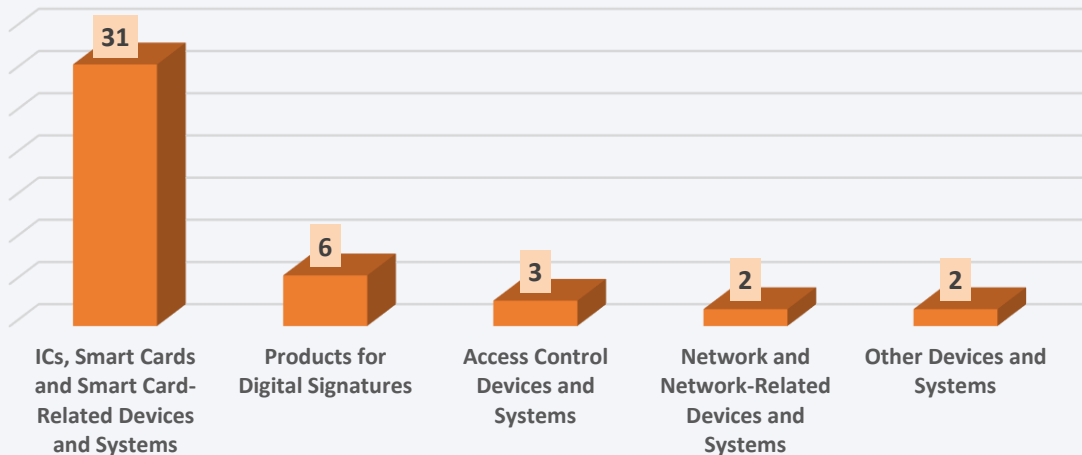
France



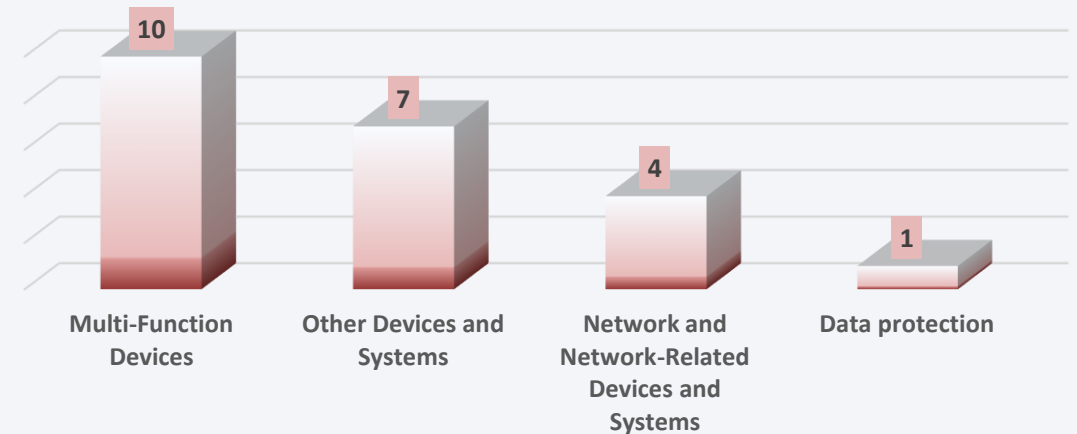
USA



Netherlands

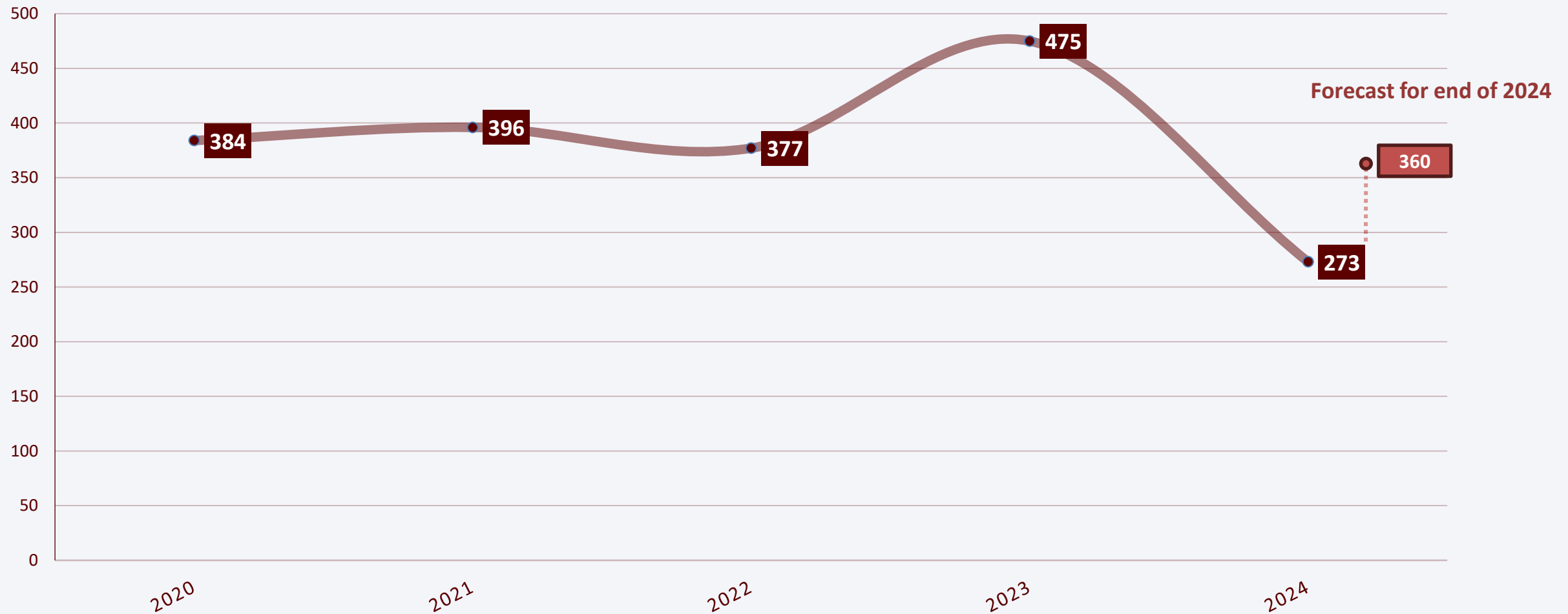


Canada

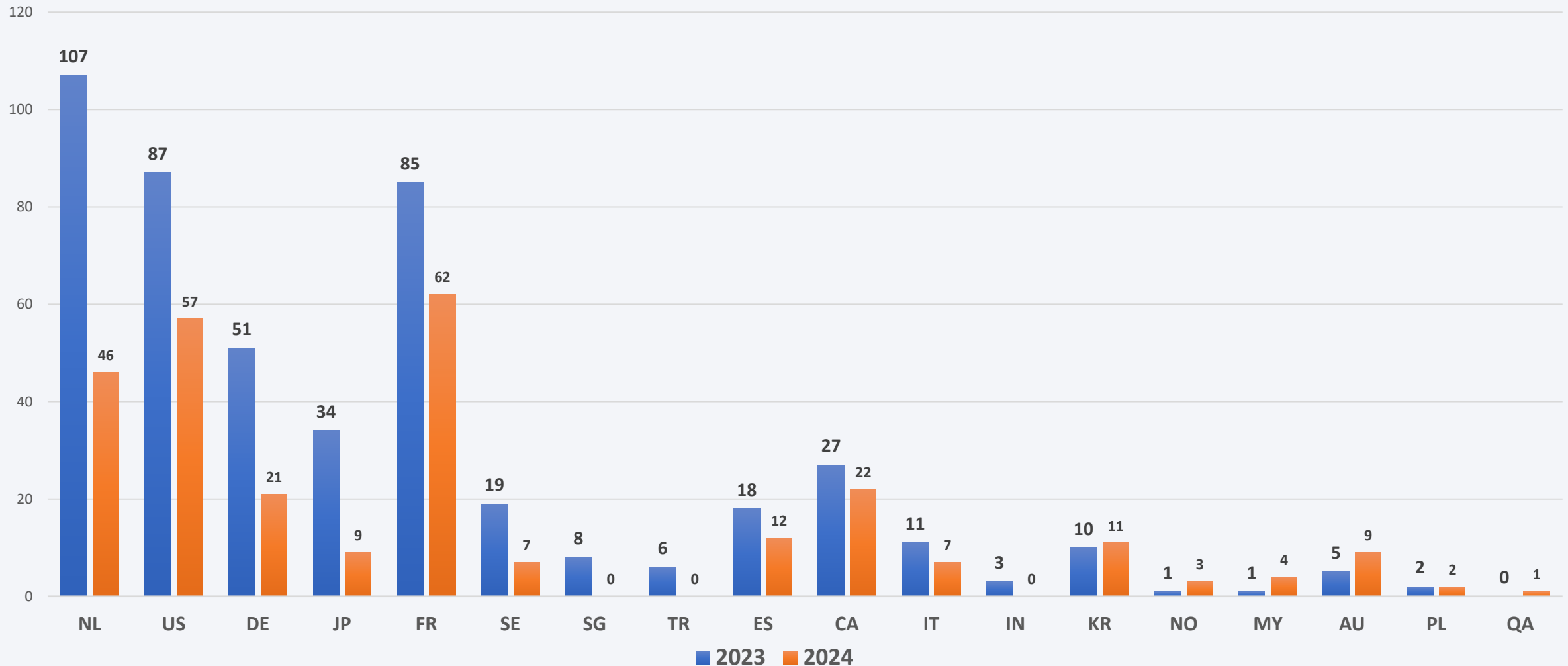


CC Statistics for 5 years

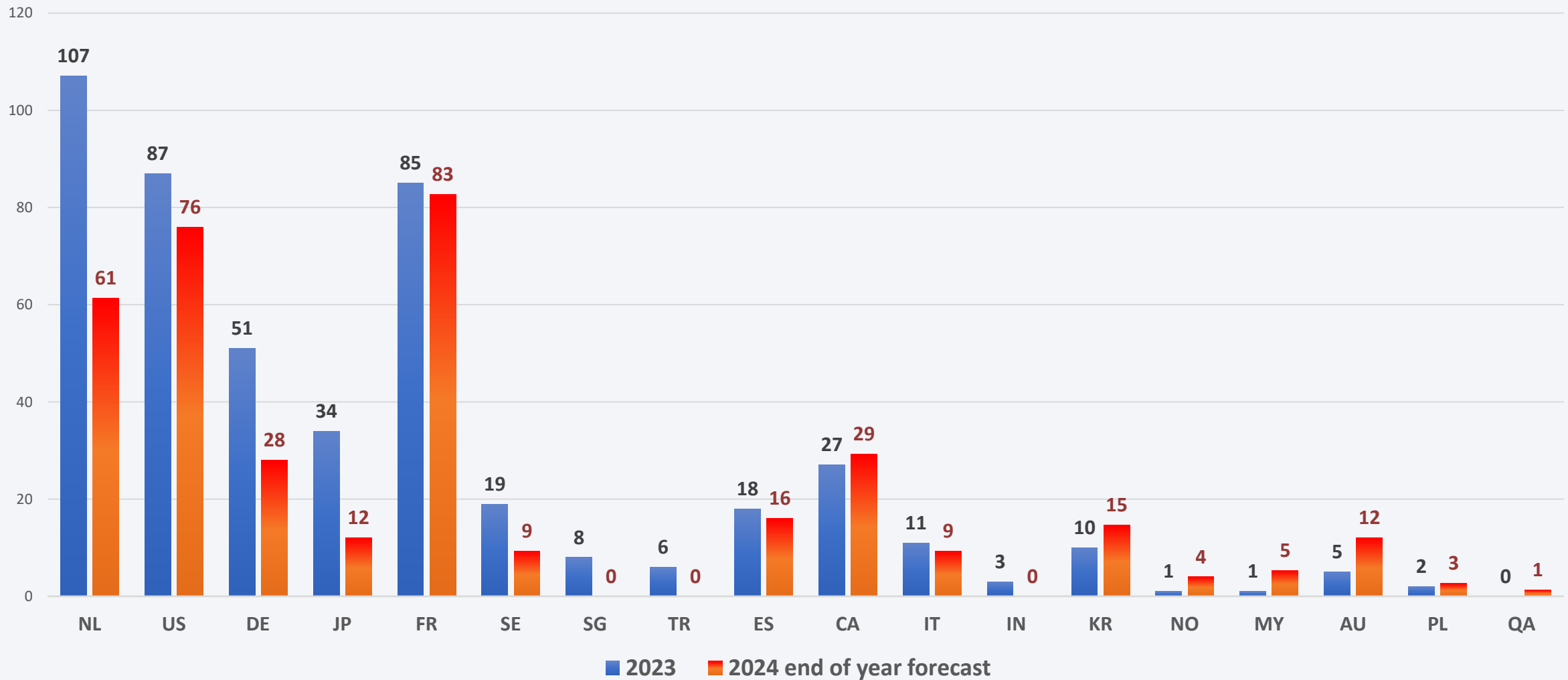
Number of certifications in the last 5 years



Scheme growth 2023-2024 (until 30/09/24)

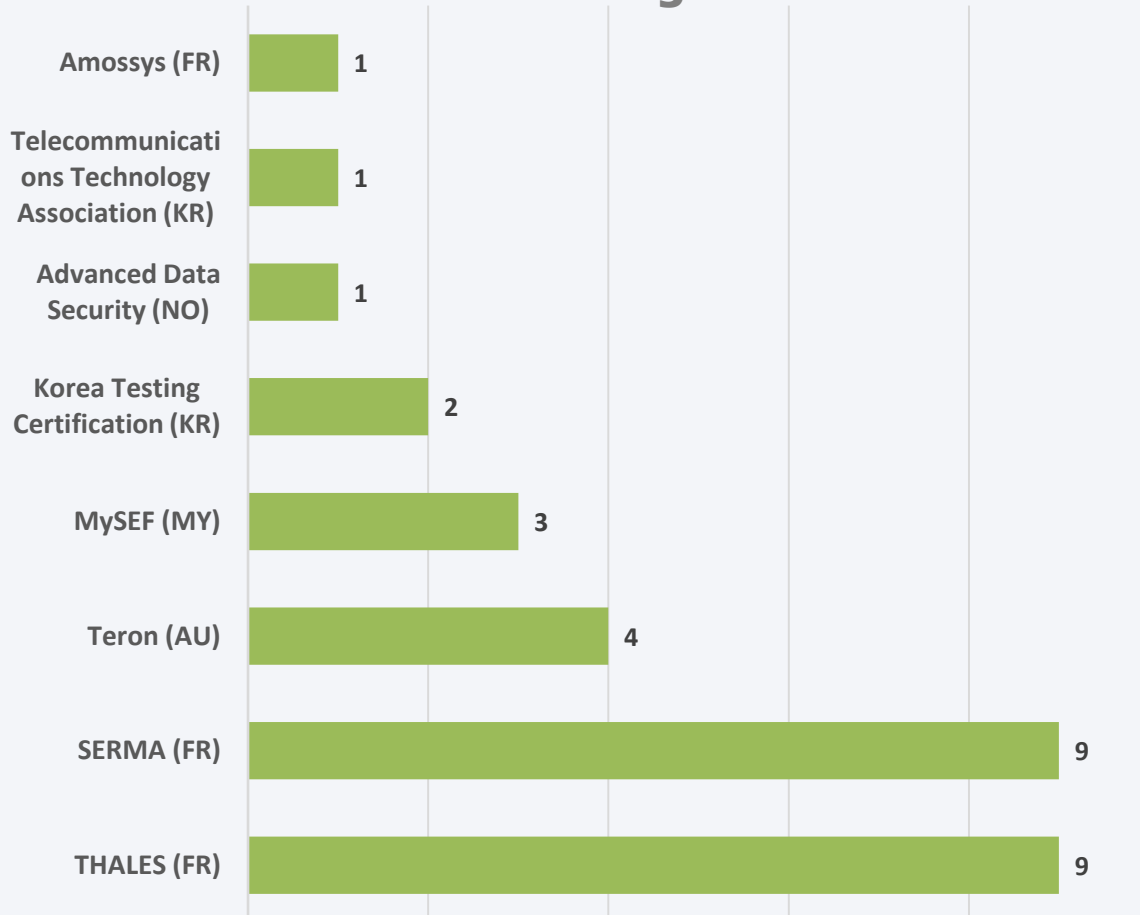


Scheme growth **forecast** – end of 2024

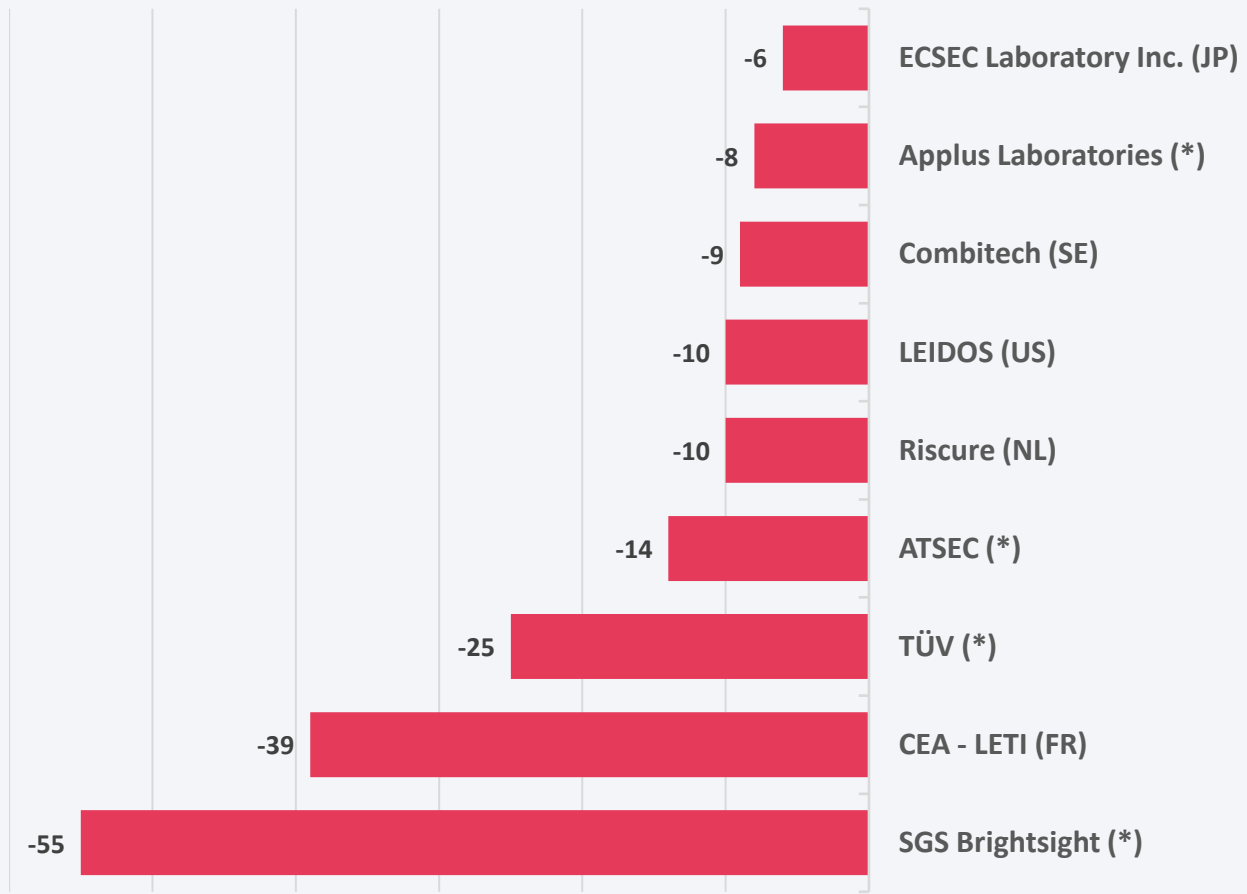


Lab growth 2023-2024 (until 30/09/2024)

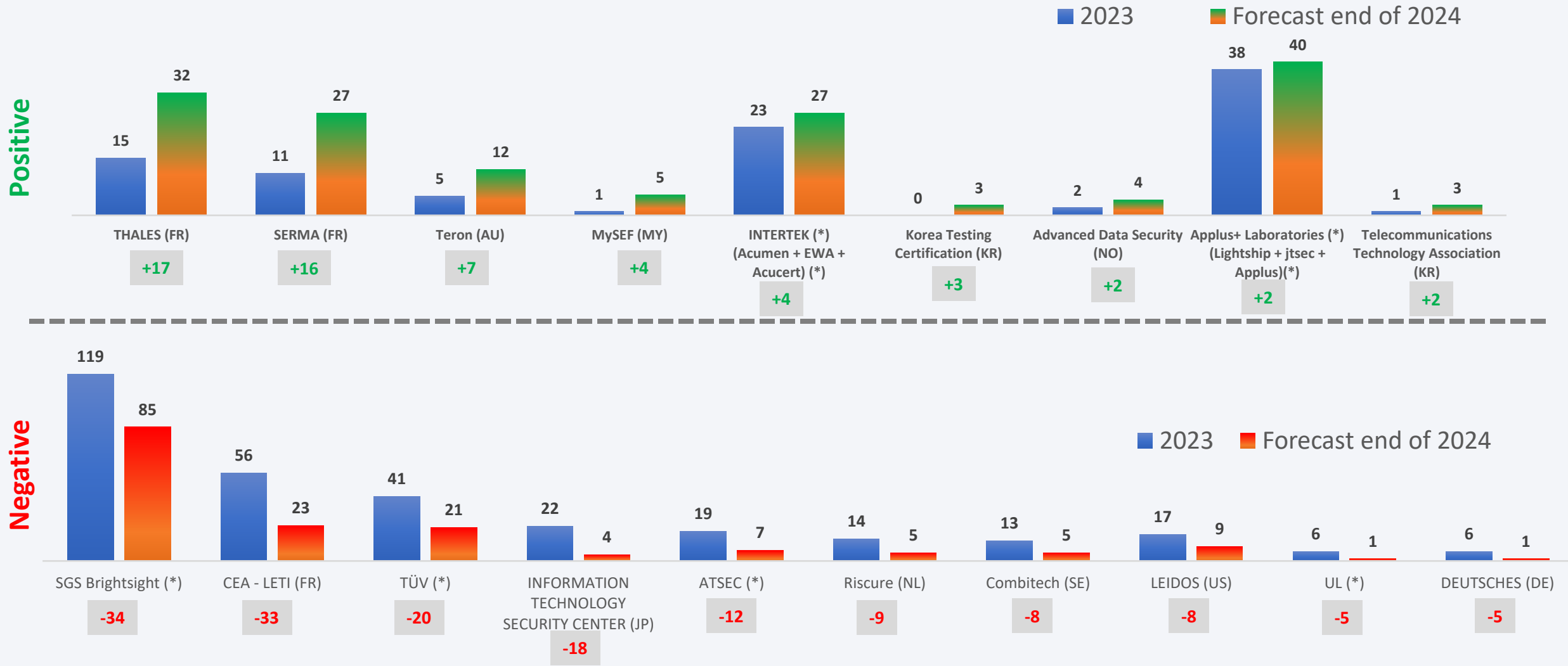
Positive growth



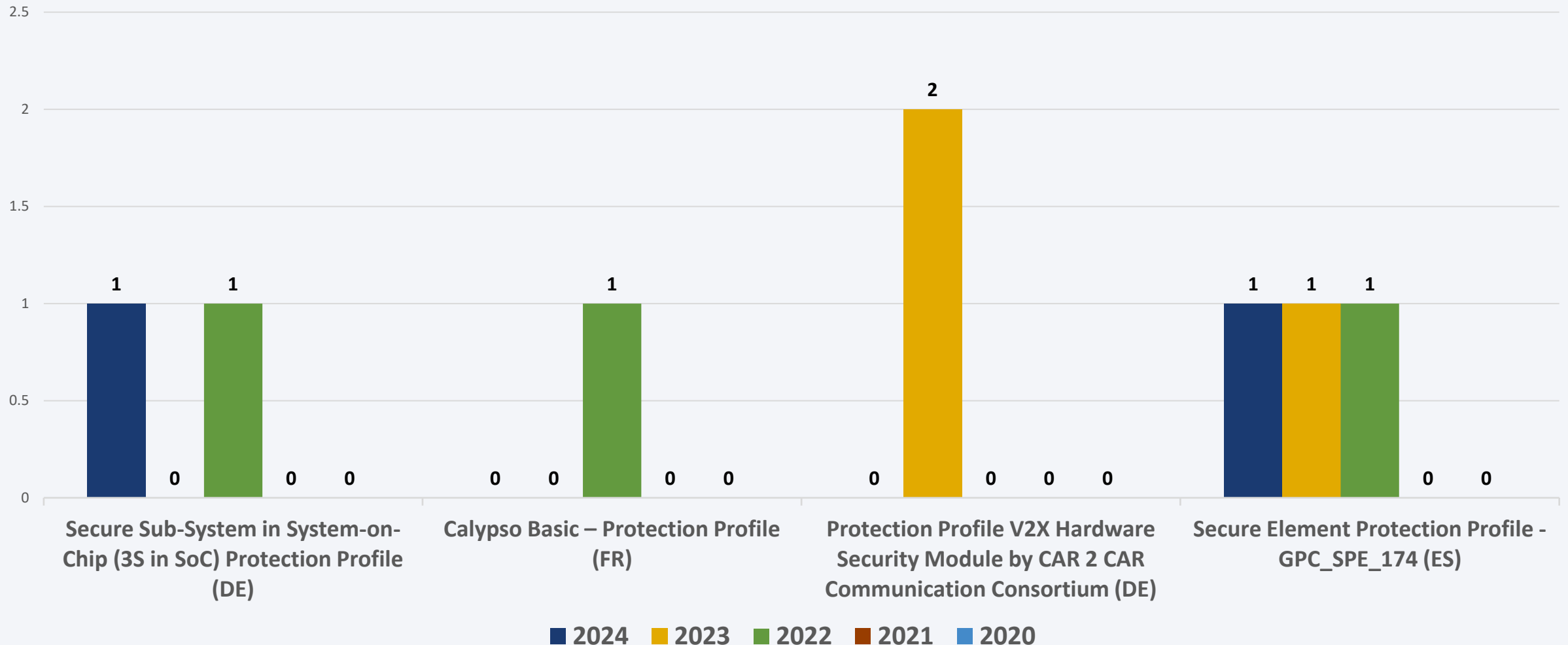
Negative growth



Lab growth 2023 – forecast end of 2024



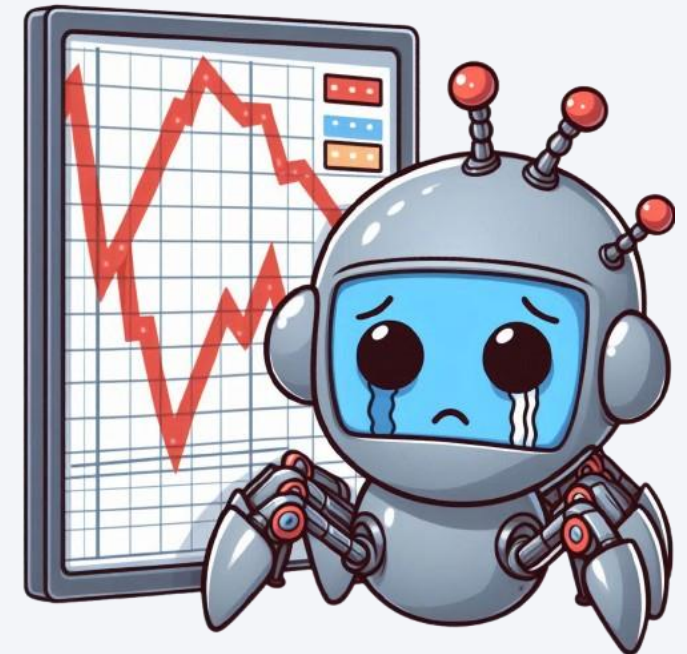
Adoption of new PPs (released from 2020)



Conclusions

2024 Highlights

- ❑ A significant decline in the number of certifications worldwide.
 - ✓ Forecast for end of 2024, still below last 5 years.
 - ✓ Biggest drop in Dutch laboratories. France and the US take the lead.
 - ✓ Canada, Korea Malaysia and Australia are the only growing schemes.
- ❑ **The industry keeps converging toward use of PPs.**
- ❑ Security IC vendors are leaders in certification (4 out of the top 5) one more year.
- ❑ High-EAL certifications dominate the European industry, while low-EAL PP-compliant certifications prevail in the rest of the world. Continued trend.



Was 2024 a standstill period?

- ❑ **2023 was a record year, while 2024 is projected to be challenging.**
- ❑ **Transition Impact:** The shift to CC2022 and EUCC, replacing SOGIS/CCRA, is significant, as anticipated in ICC 2023.
- ❑ **Industry Response:** deliberate delay in certifications during this transition, with stakeholders waiting for the EUCC to settle?
- ❑ **Preparation for 2025:** Manufacturers and CABs are gearing up for EUCC evaluations starting in 2025.
- ❑ **Other certifications gaining traction?** CSPN, SESIP, PSA, GSMA, LINC...
- ❑ **Looking Ahead:**
 - 2025 will be pivotal; we must remain vigilant.
 - Current challenges: absence of recognition agreements with non-EU countries under EUCC.
 - Non-EU PPs, such as NIAP ones, are not yet applicable.





**ANY
QUESTIONS?**

Contact

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“Any fool can make something complicated. It takes a
genius to make it simple.”
Woody Guthrie