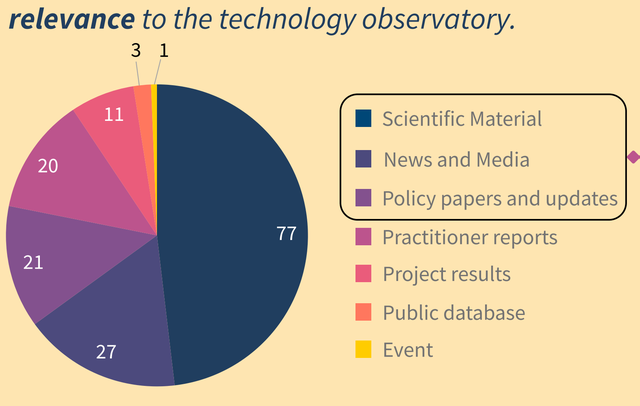
ENACT.
European Network Against Crime and Terrorism

FCT Periodic Maps
Technology Observatory

2025
Sept 24 - Feb 25

The Technology Observatory monitors the current state-of-the-art of technology products and services including on-going research, scientific research and those solutions (being) developed in EU-funded projects

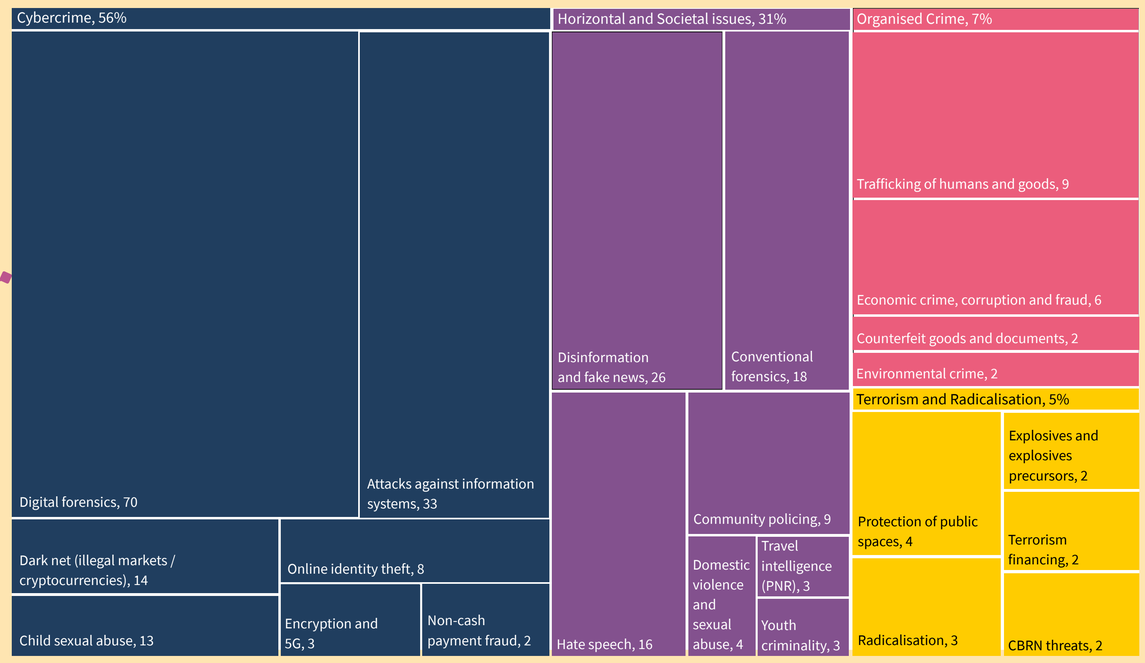
*Distribution of sources of observations with **high-relevance** to the technology observatory.*



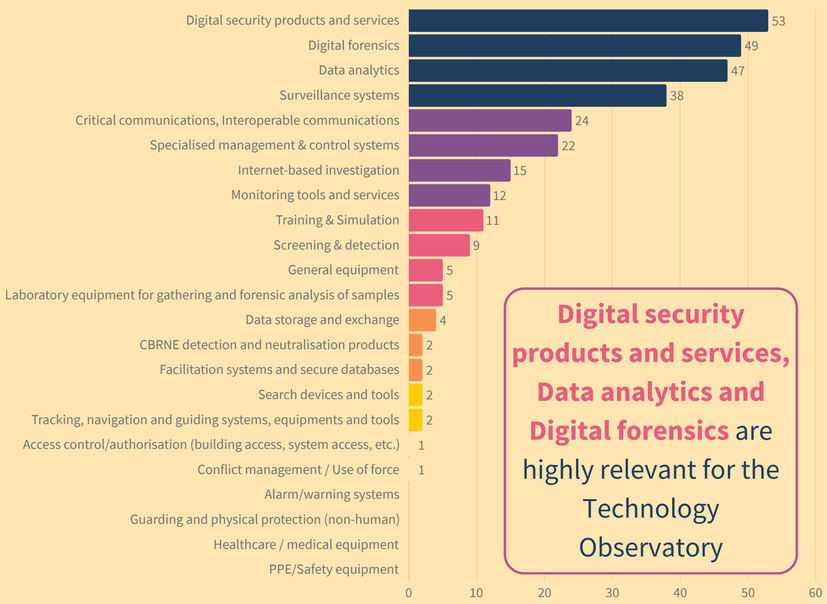
76% of observations from Scientific Material, News and Media, and Policy Papers and updates

70% of observations concern Cybercrime policy areas

*Distribution of observations according to the EUCS Taxonomy **Policy Areas** in FCT*

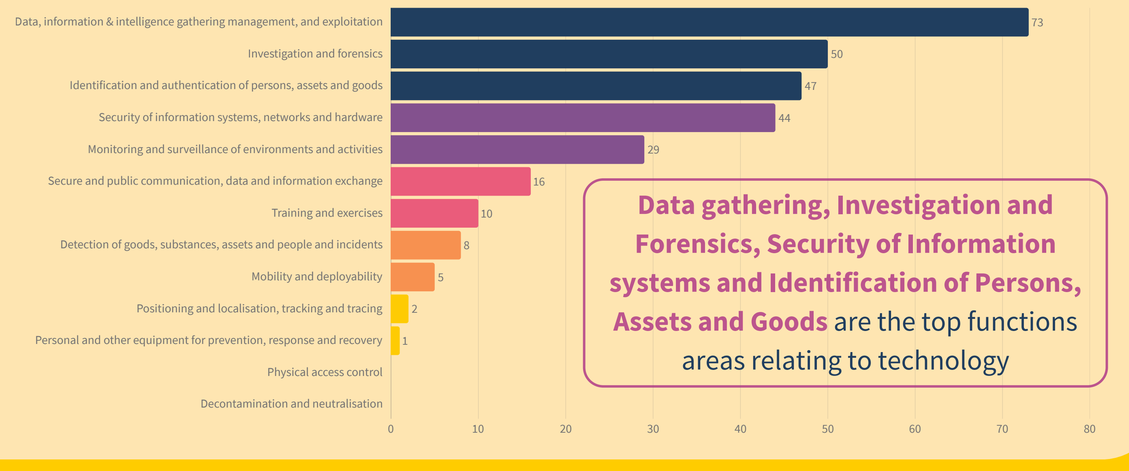


*Distribution of observations according to the EUCS Taxonomy **Technology Areas** in FCT*



Digital security products and services, Data analytics and Digital forensics are highly relevant for the Technology Observatory

*Distribution of observations according to the EUCS Taxonomy **Functions Areas** in FCT*



Data gathering, Investigation and Forensics, Security of Information systems and Identification of Persons, Assets and Goods are the top functions areas relating to technology

Trends in the Technology Observatory

News

81% Observations in the news category relate to **cybercrime** areas, namely **digital forensics, attacks against information systems, and dark markets and cryptocurrencies.**

56% Observations in the news category concerning **horizontal Issues** related to the topic of **disinformation and fake news and hate speech** surrounding technologies for **data gathering, security of information systems** and **hardware**, and **identification of persons, assets and goods.**

In **organised crime** and **terrorism and radicalisation** related articles over **55%** are related to **digital security** and **data analytics**, with the latter alone accounting for more than **70%.**

Technology

The primary Technology category is **Digital Security Products and Services** that reflected in AI-enhanced cybersecurity tools, privacy-preserving technologies, and public education initiatives.

The top functions areas are:

- **Investigation and Forensics,** as well as **Data, Information & Intelligence Gathering, Management, and Exploitation**

These are related to:

- **Advanced digital forensic techniques** and **AI-powered tools** that enhance cybercrime investigations, enable real-time monitoring of online spaces (including the dark web and social media), and support the large-scale collection and analysis of intelligence data.

Science

Research into **AI, LLMs and AI assistants** remain popular, as do applications for **image processing** (video and satellite imagery)

68% of all observations classified as **scientific material** relate to the area of **Cybercrime**; only **7%** are related to **terrorism and radicalisation.**

Active Projects

Almost half of all active projects contain some form of **cybercrime, Organised Crime (or both)** element.

Recently launched projects are primarily focussed on **protecting public spaces, countering drug-facilitated violence,** enhancing **community policing**, and disrupting **crime-as-a-service** operations.

Over **50%** of the projects are relying on data analytics as a key technology.

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Funded by the European Union.