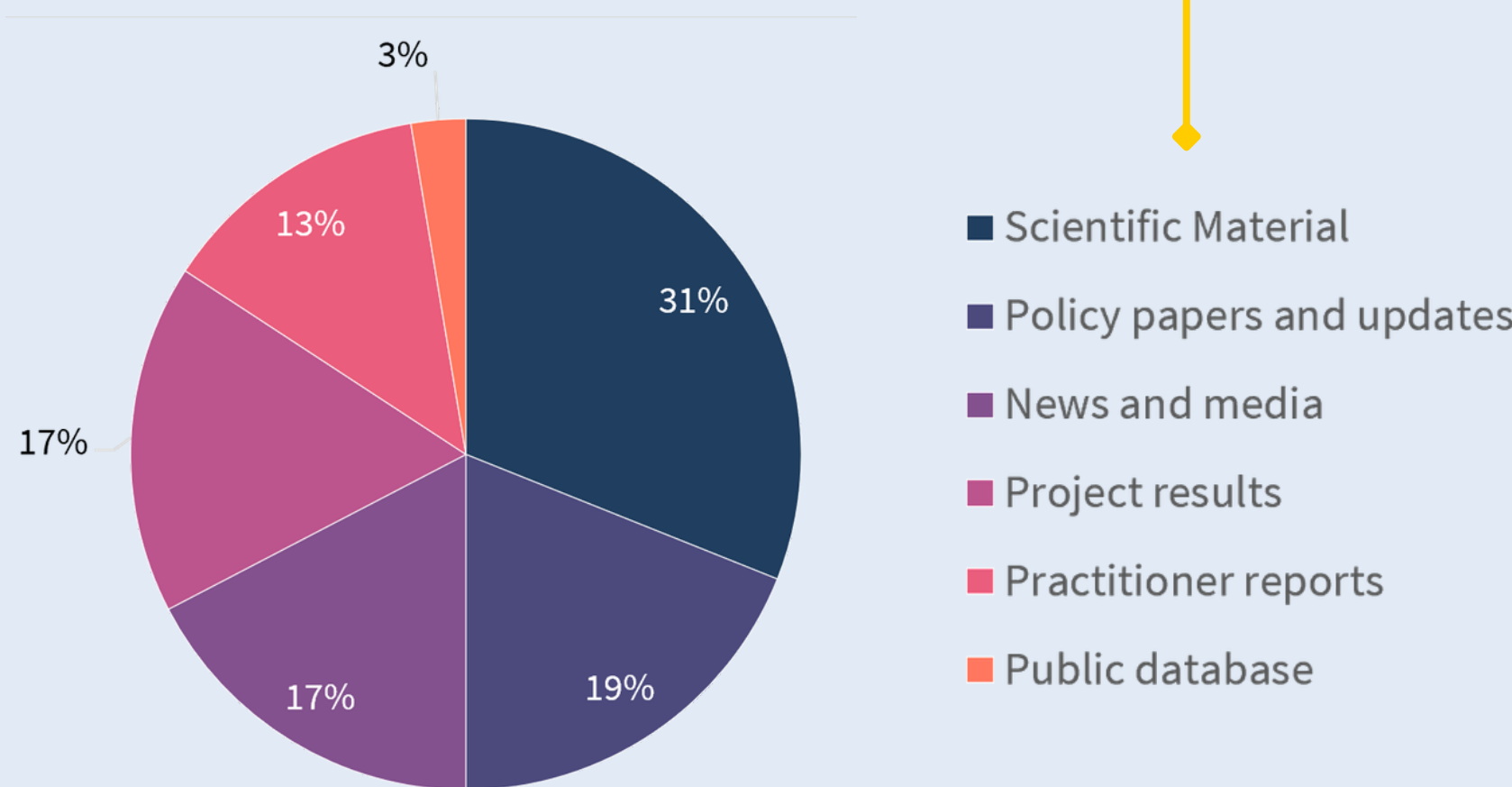


Ethical, Legal and Societal Observatory

The Ethical, Legal and Societal Observatory documents the constraints and safeguards necessary for the FCT R&I community.

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



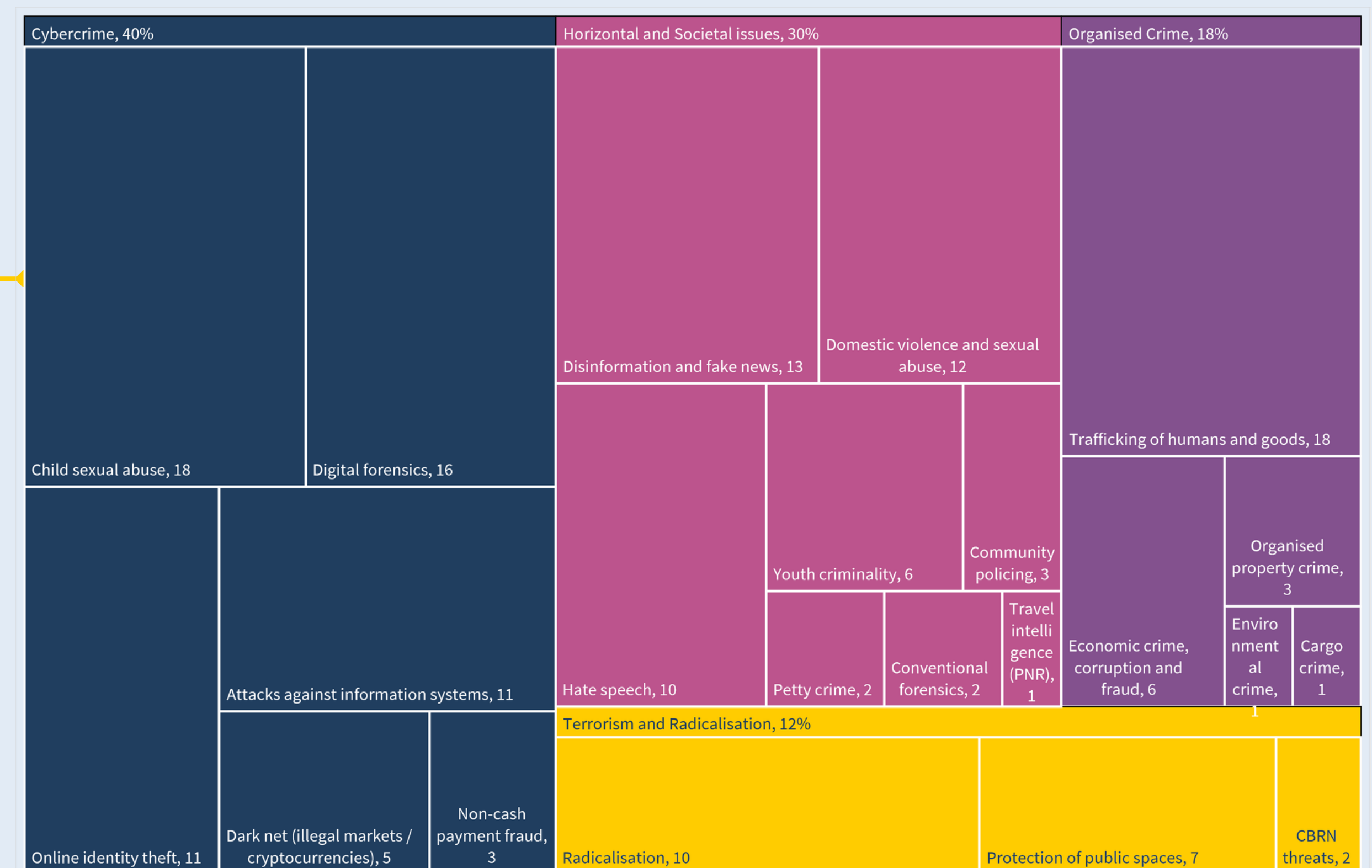
67%

of observations from Policy Papers, Scientific material and news and media

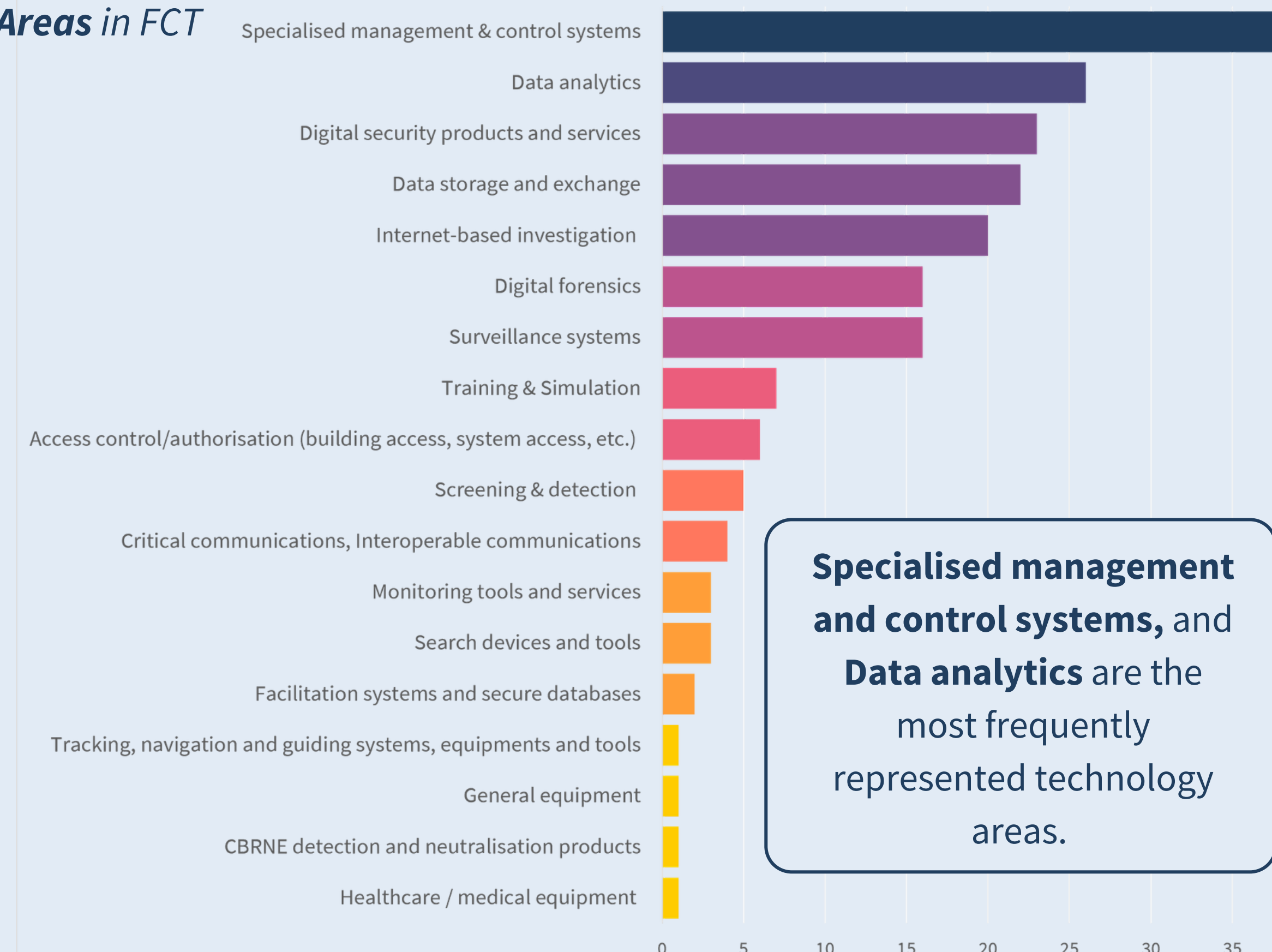
70%

observations related to cybercrime and horizontal issues

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

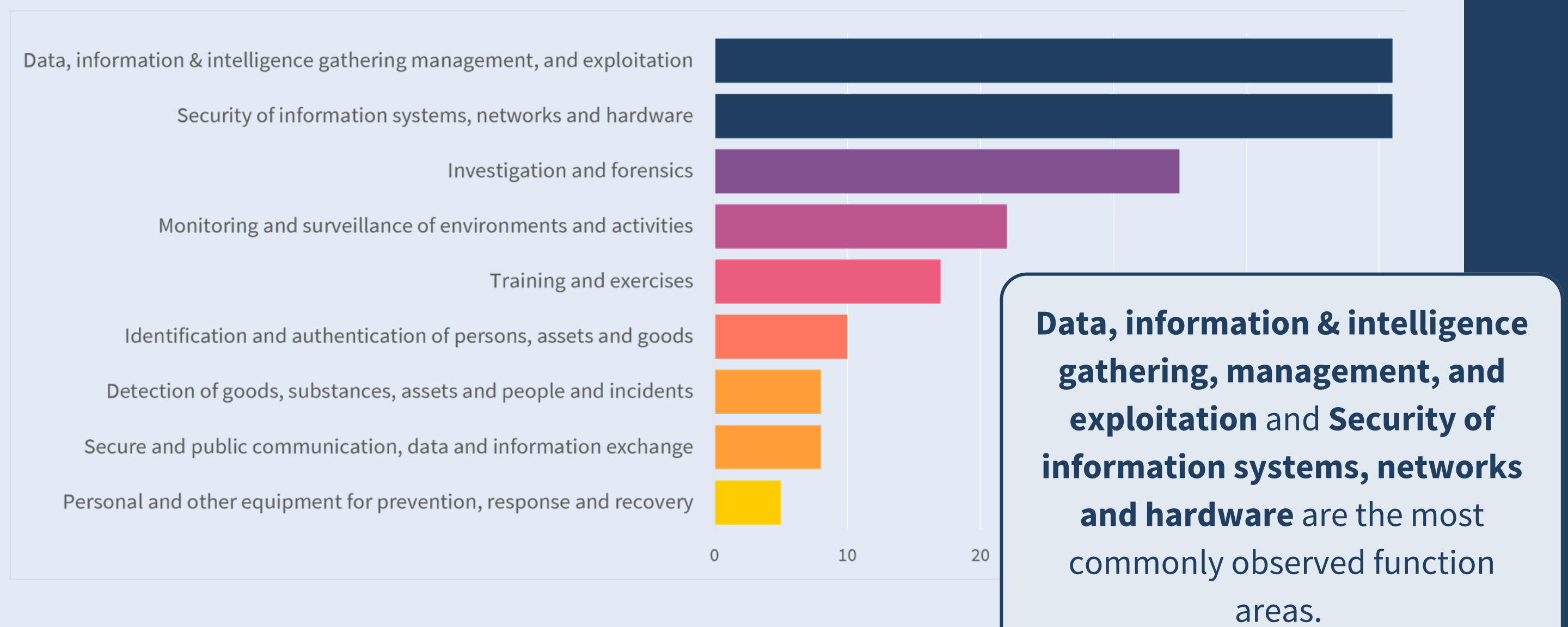


Distribution of observations according to the EUCS Taxonomy **Technology Areas** in FCT



Specialised management and control systems, and Data analytics are the most frequently represented technology areas.

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



Data, information & intelligence gathering, management, and exploitation and Security of information systems, networks and hardware are the most commonly observed function areas.

Trends in the Ethical, Legal and Societal Observatory

News

Different media channels have reported on the same cases, like risks of smart glasses, and on similar topics, including **deepfake and Artificial Intelligence regulation**

New legislative movements for a possible **adoption of the CSAM regulation** was found in different sources

International relationships, crisis, and warfare can also be found in the observations

Technology

Data governance continues to be a relevant topic, normally categorised under **Data Storage and Exchange or Data Analytics**

Digital forensics was connected with **Artificial Intelligence** products and publicly available data

The regulatory framework was commonly connected with **Digital Security Products and Services**

Monitoring tools and services, Surveillance Systems, and Tracking, navigation and guiding systems, equipments and tools tackle similar or connected topics related to artificial intelligence and constant surveillance.

Science

Quantum technologies and **biotechnologies** were addressed in scientific publications; however, the main technologies tackled in scientific publication remain **Artificial Intelligence and Cybersecurity**

Aspects related to **safety and security** or **data security and privacy** were commonly observed in scientific publications

Horizontal and societal issues was the most common subject found in scientific publications

ELS Evolution

ELS topics are transitioning from identifying broad risks towards defining **safeguards, oversight arrangements** and **governance** choices required for **responsible operational use**



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