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Visualising the European Cybersecurity Research and Innovation Landscape

Professor David Wallom



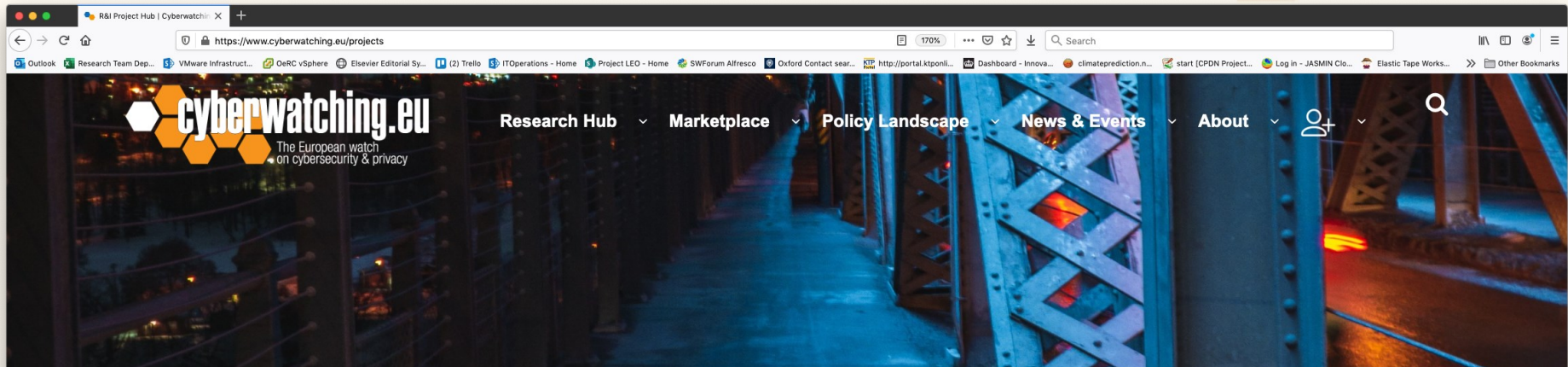
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GUARD



Mapping of R&I activities in EU National & Associated countries

- European Project Hub (<https://www.cyberwatching.eu/projects>)
 - A single catalogue of EU and national cybersecurity projects, showcasing technical developments and project foci



[Home](#) » [R&I Project Hub](#)

R&I PROJECT HUB

The **Cyberwatching.eu PROJECT HUB** is Europe's ONLY complete and unabridged compilation of EU-funded research projects on cybersecurity topics. It was created specifically to facilitate information transfer, communication and cross-pollination.

Browse the categories to:

- IDENTIFY individual projects



News

[Korean Partners contribution plans to CAMEL](#)

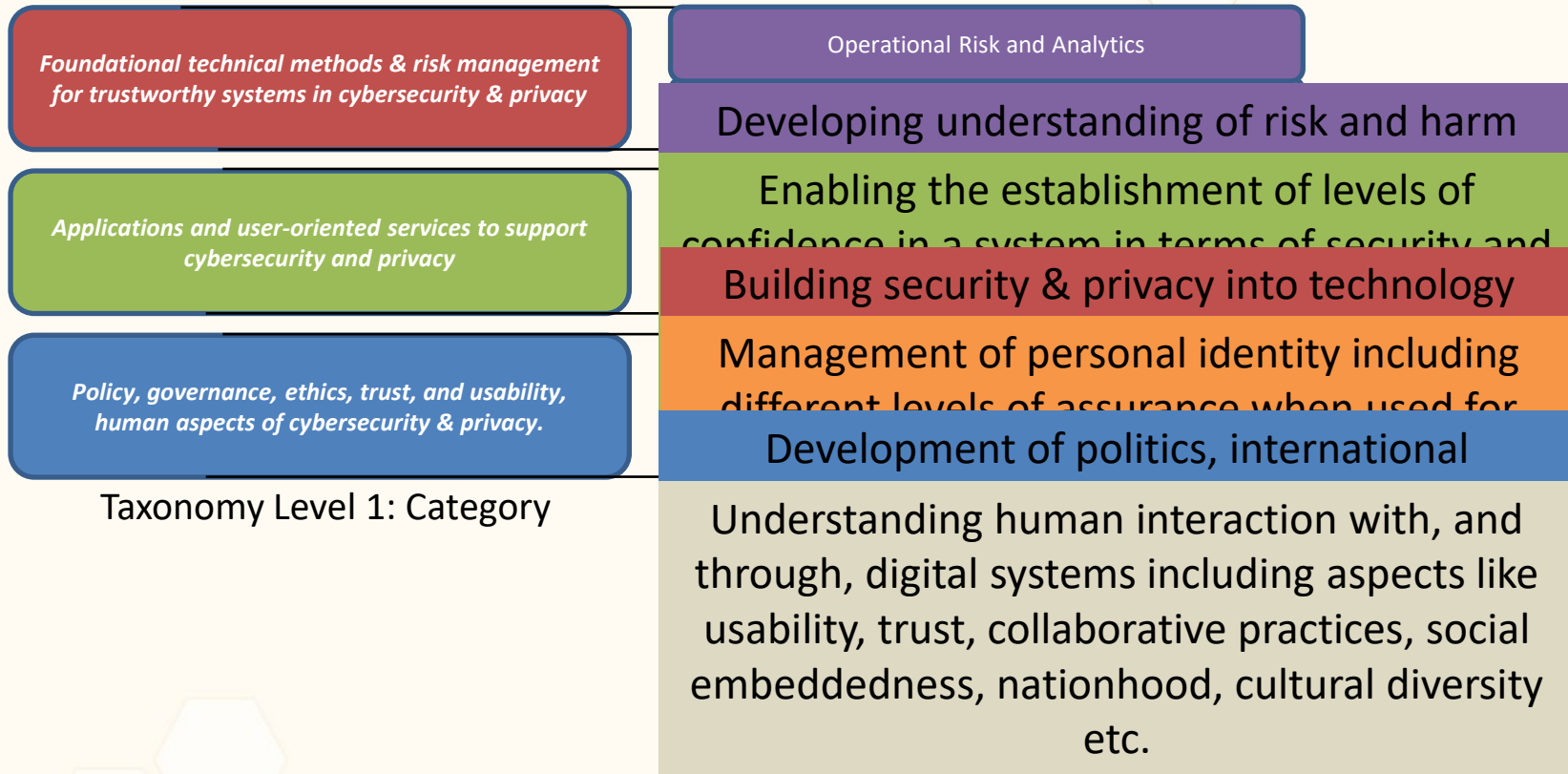
With the inclusion of the Korean (KR) Partners i.e.

[All news](#) →

Future Events

Mapping of R&I activities in EU National & Associated countries

The Cyberwatching Cybersecurity and Privacy research taxonomy

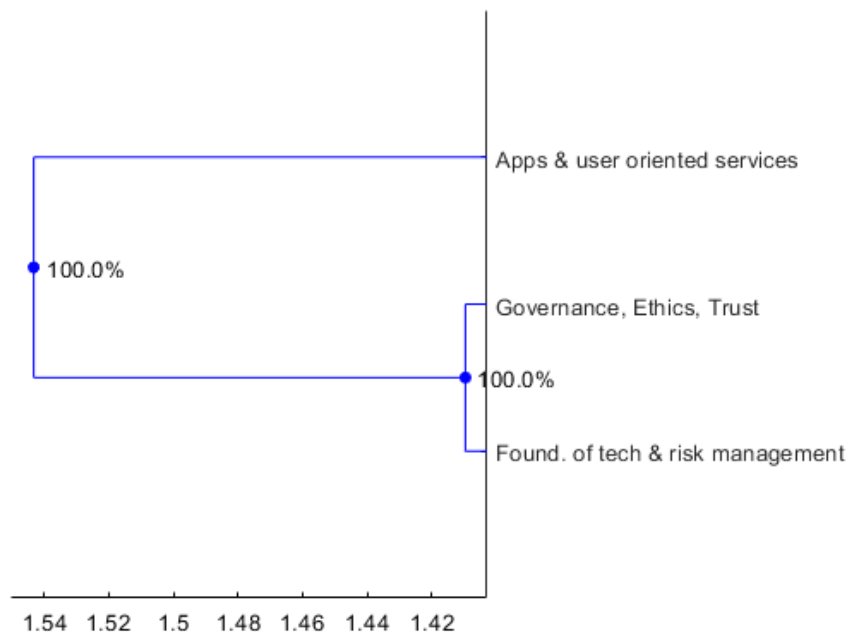
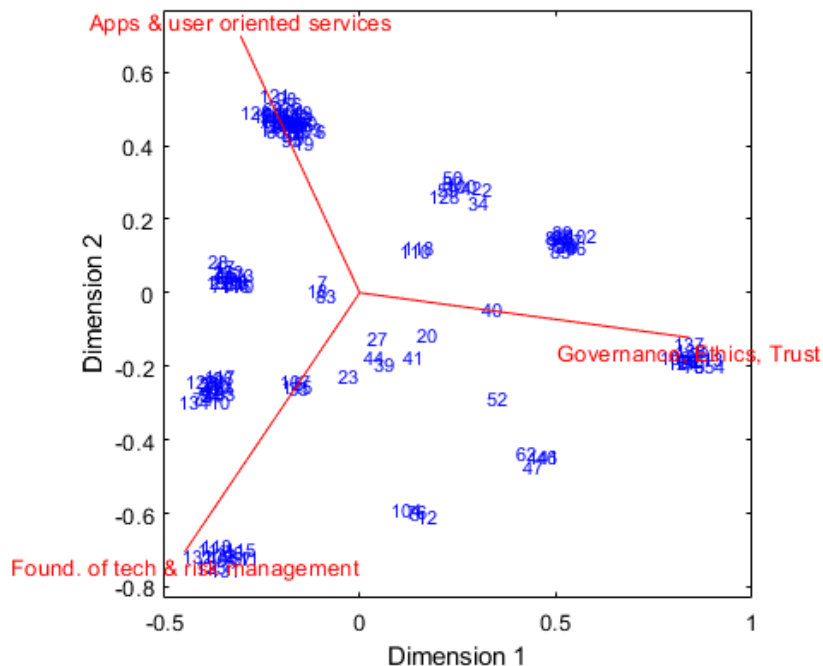


Taxonomy Level 1: Category

Mapping of R&I activities in EU National & Associated countries

- Initial scoring by Cyberwatching.eu partners from project details in catalogue.
- First clustering using Level 1 taxonomy of all projects currently in the catalogue

Classification - Cyberwatching			
1		Name: Michel Drescher	
2		Partner: UOXF	
3			
4			
5	In bold - Projects from unit invited	Cyberwatching cluster ranking	
6	EC Project name	Rank 1	Rank 2
7	AARC2	Apps & user oriented services	
8	ABC4Trust	Apps & user oriented services	Governance, Ethics, Trust
9	ADDPRIV	Found. of tech & risk management	Governance, Ethics, Trust
10	AGIS	Governance, Ethics, Trust	
11	ANASTACIA	Found. of tech & risk management	Apps & user oriented services
12	ARIES	Apps & user oriented services	Governance, Ethics, Trust
13	ARMOUR	Apps & user oriented services	Found. of tech & risk management
14	ASAP	Governance, Ethics, Trust	Apps & user oriented services
15	ATENA	Found. of tech & risk management	Apps & user oriented services



53	EVRYT	Governance, Ethics, Trust	Found. of tech & risk management	
54	FIDELITY			
55	FORTIKA			
56	FutureTrust	Apps & user oriented services	Governance, Ethics, Trust	
57	GenoPri	Apps & user oriented services		
58	GHOST	Governance, Ethics, Trust	Found. of tech & risk management	Apps & user oriented services
59	HEAT	Apps & user oriented services	Found. of tech & risk management	
60	HECTOR	Found. of tech & risk management	Apps & user oriented services	

Key objectives for improved understanding and visualisation

Single point

- Entry point to explore the landscape
- Integrate with many other resources and information hubs

Useful to many different exploiters

- EU funded projects
- EU Commission (incl. PAO, JRC, etc)
- Technology licensees
- Investors

Clear and illustrative overview

- Extract and visualize **key information**
- Easy navigation and filtering of data

Technology Radar?

Radar visualization elements:

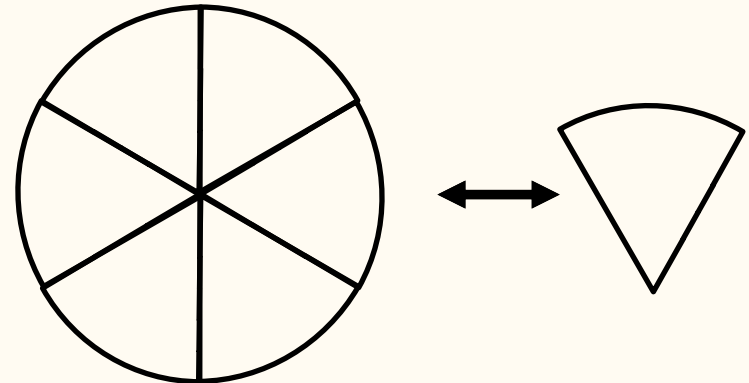
Segments

Full radar overview

- All applicable projects
- Across all segments

Segment view

- 6 segments – 6 L2 taxonomy terms
- Drill into one segment



Radar visualization elements:

Rings

● Rings illustrate project age

● Relative to radar date

● Active projects

● Assess

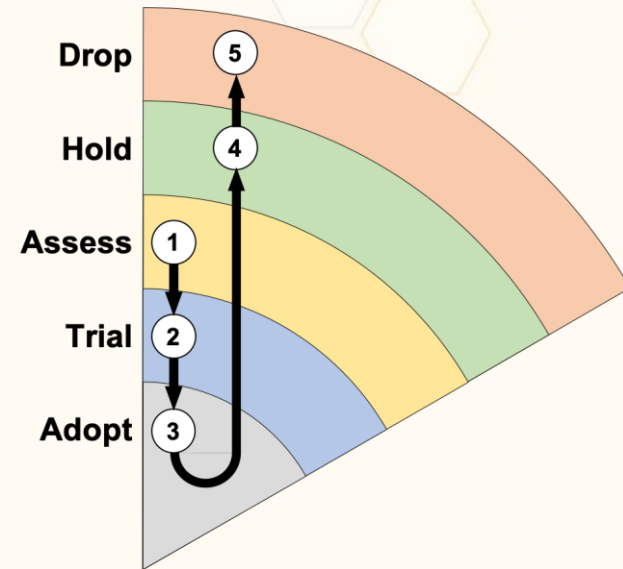
● Trial

● Adopt

● Finished projects

● Hold

● Drop



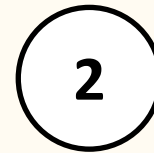
Assess → Trial → Adopt
→ Hold → Drop

Radar visualization elements:

Blips

Blips represent projects

- Unique number
- B/W blip → no MTRL scores!

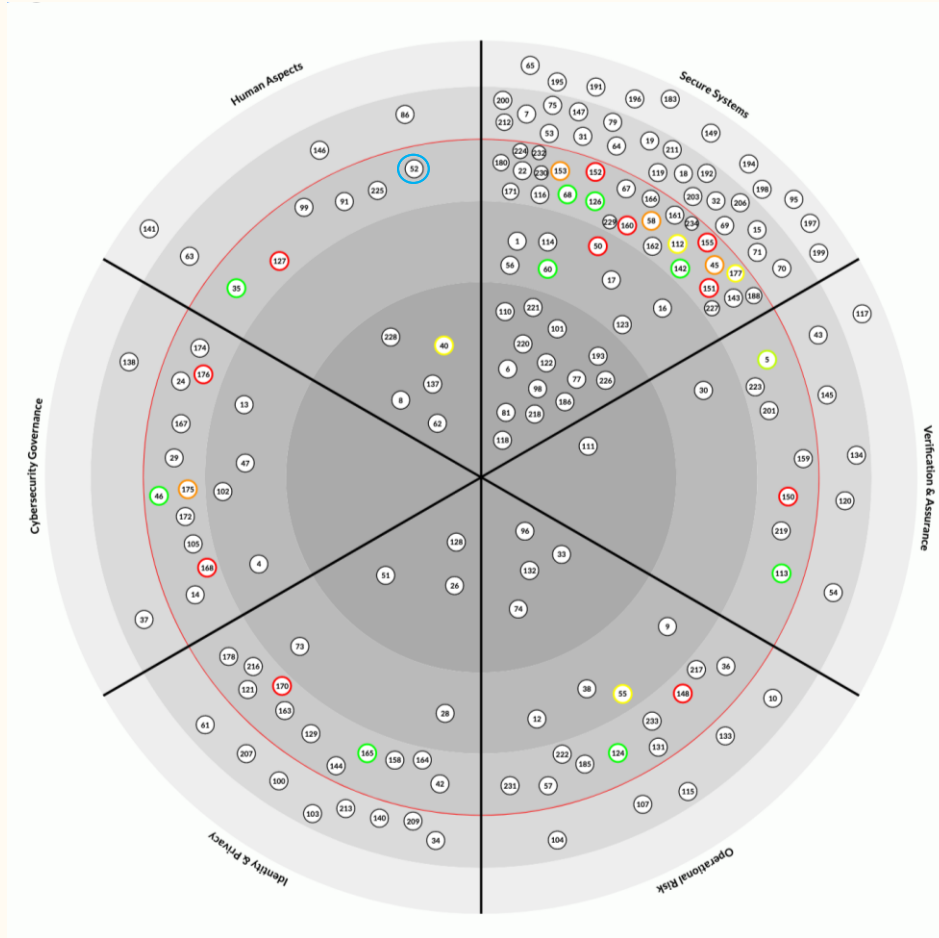


Blip colour spectrum

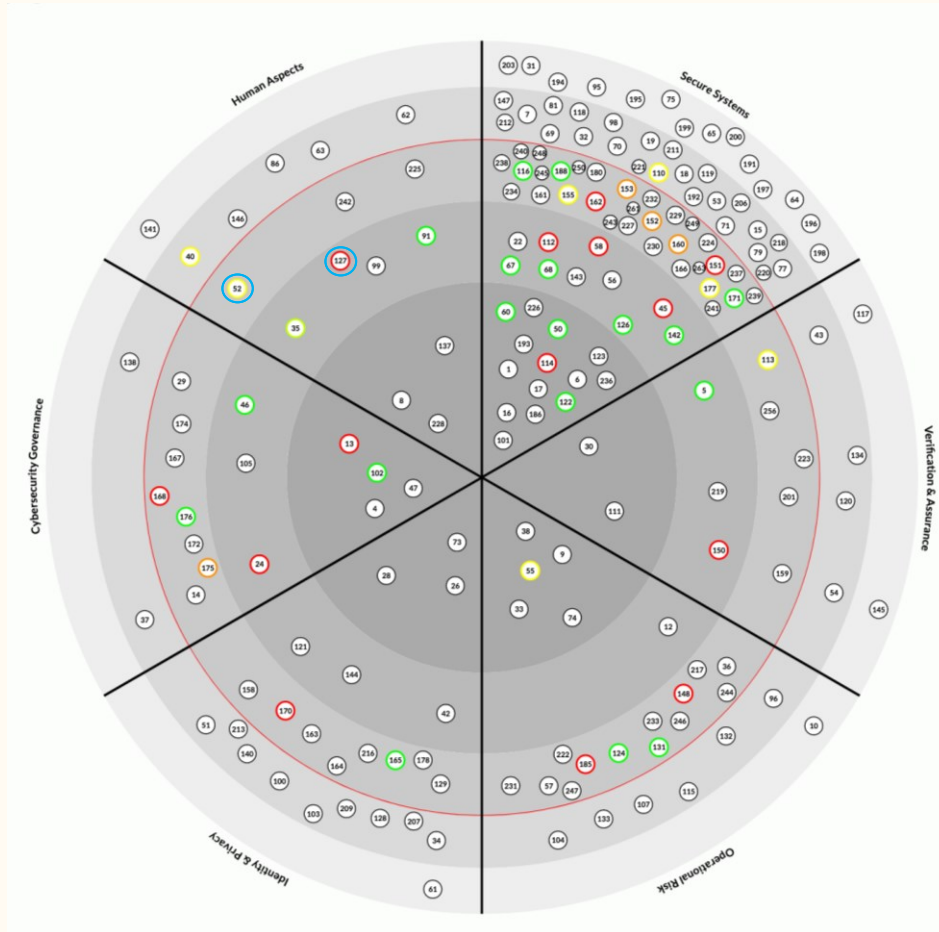
- Relative project performance
- Against median of scores
- Red = lowest performance band
- Green = highest performance band



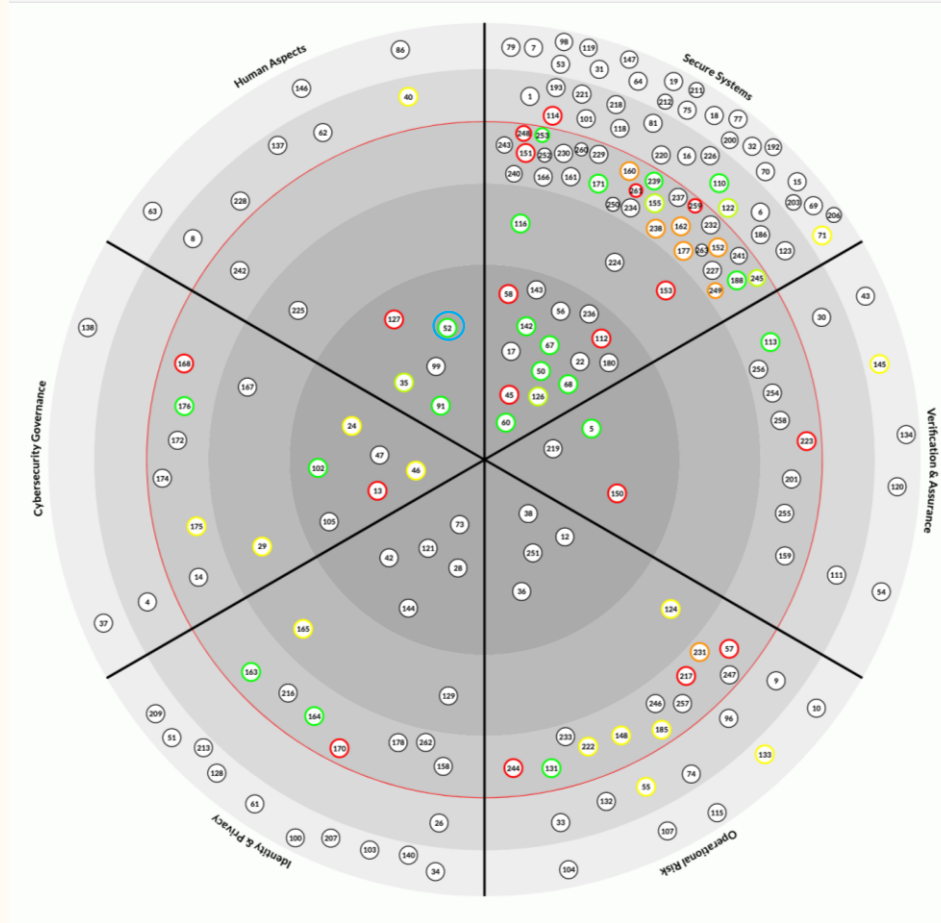
Spring 2019



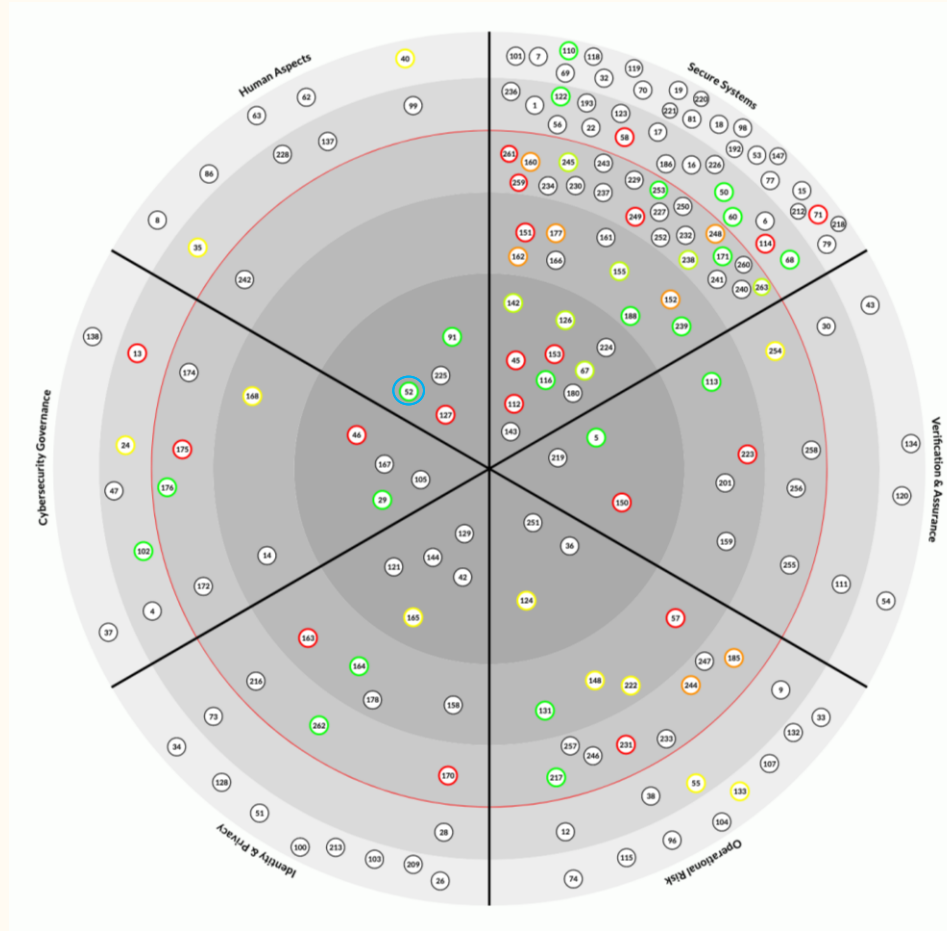
Autumn 2019



Spring 2020



Autumn 2020



<https://radar.cyberwatching.eu/radar>





Thank You



www.cyberwatching.eu
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