

Results 2021: Promising Innovations to Counter Hybrid Threats

1. CORE THEME: FUTURE TRENDS OF HYBRID THREATS

PRIMARY CONTEXT	IDEA/ INNOVATION PROPOSED 2021	ASSESSMENT
1.1 Trend: Official strategic communication losing power	Guides to identify fakes	Green
	Hybrid online dilemma game	Yellow
1.2 Trend: Big data as a new power source	Countering disinformation with strategic personalized advertising	Green
	Automated detection of hate speech in social media	Yellow
1.3 Trend: increasing strategic dependency of critical services	A blockchain-based real-time information management and monitoring system	Red
	A crawler and real-time search engine for investors	Red

2. CORE THEME: CYBER AND FUTURE TECHNOLOGIES

PRIMARY CONTEXT	IDEA/ INNOVATION PROPOSED 2021	ASSESSMENT
2.1 Game changes: quantum as a disruptive technology	Open European Quantum Key Distribution Testbed (OPENQKD project)	Red
	Future Proofing the Connected World: A Quantum-Resistant Trusted Platform Module	Yellow
2.2 Hyper connectivity as an impact multiplier of cyber	Efficient cyber threat information sharing through Hyper Connectivity networks	Red
	Cross sector cyber threat information sharing	Green
	Public-private information-sharing groups developing collaborative investigations and collective action	Green
2.3 The individual as a digital entity	Fake news exposé	Green
	Factcheckers communities	Yellow

3. CORE THEME: RESILIENT CIVILIANS, LOCAL LEVEL AND ADMINISTRATION

PRIMARY CONTEXT	IDEA/ INNOVATION PROPOSED 2021	ASSESSMENT
3.1 Distrust and stress in political decision-making	Resilient democracy infrastructure platform	
3.2 Reliance on critical services and technological systems	Early or Rapid Damage Assessment System	
	Smart message routing and notification service for sharing the operational picture to every agency involved in the response at every level of coordination	
3.3 Globalization vs. localisation	Tool that monitors and detects the population's response to the information being published and is able to identify the dominant emotion occurring in social networks	

4. CORE THEME: INFORMATION AND STRATEGIC COMMUNICATIONS

PRIMARY CONTEXT	IDEA/ INNOVATION PROPOSED 2021	ASSESSMENT
4.1 Going viral	Journalism trust initiative	Yellow
	Debunking of Fake News	Green
	Non-partisan native-language news channels for most interdependent abroad regions	Red
4.2 Digital monopolies and massification of data	Fair Trade Data Program	Red
4.3 Deterioration of the quality of content	Training application for media literacy	Yellow
	Automated fact-checker	Green