Break-out 2 – Foundational technical methods and risk management for trustworthy systems

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The European watch
on cybersecurity & privacy

The Questions

Top 5 R&I Challenges

Top 5 Cross-cutting themes

Top 5 New collaboration opportunities/ideas

Top 5 R&I Challenges

1.	**Usability**
2.	**Interoperability on top of heterogeneous landscapes**
3.	**Package results (to make it digestible for industry)**
4.	**Security protocol re-engineering for constrained devices**
5.	**Unattended devices and services**
6.	**Landscape too fragmented**

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Group 1

Top 5 Cross-cutting themes

1.	**Features sell, not security ➔ the time to market problem**
2.	**GDPR compliance for EC projects**
3.	**Privacy and GDPR compliance built into SW design**
4.	**Increase maturity of SW process towards true engineering**
5.	**Digitisation & equal opportunities for rural areas**
6.	**Device security and "European sovereignty"**

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Group 1

Top 5 New collaboration opportunities and new ideas.

1.	**How to use project results – "project sniplets"**
2.	**European landscape for projects**
3.	**Open Source and IPR collaboration**
4.	**Make the Cybersecurity atlas an online tool**
5.	

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Group 1

Top 5 R&I Challenges

1.	**Dynamic risk assessment (impact and attack) probability on imapct**
2.	**Data Governance / Privacy preserving Data Sharing (Trust)**
3.	**CTI tsunami (OSINT)**
4.	**Get crypto ready for post-Quantum**
5.	**Threat models for emerging infrastructures**

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Group 2

Top 5 Cross-cutting themes

1.	**Risk Models**
2.	**Governance**
3.	**CTI sharing**
4.	
5.	
6.	

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Group 2

Top 5 New collaboration opportunities and new ideas.

1.	**Sharing CTI and risk models between projects**
2.	**Need to better facilitate the collaboration between business and academia to synergise research e.g. development of Impact Models**
3.	**Open labs & tools**
4.	**Education and training/ raising awareness**
5.	**Develop database of best practises**

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Group 2