Establishing an Irish Public Sector Information Sharing and Analysis Centre (ISAC)

HIS Conference 31st March 2022
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INNOVATION VALUE INSTITUTE™

Maynooth University
National University of Ireland Maynooth

- Multidisciplinary research centre from Maynooth University focused on technology management & adoption challenges
- Strong track record of industry and public sector collaboration both locally and internationally
- Excellent dissemination capability including education and training
- Close working relationship with academic institutions internationally

Since 2006 engaged with over **150+** organisations to co-create content

300,000+ hours of SME/IVI Contribution towards IVI Content

4,000+ training days, **1,500+** learners, **800+** qualifications awarded

200+ publications & whitepapers. **3** books published

€30m public and industry funding to date

1500+ Content contributors from across industry
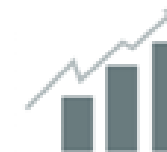
500+ formal assessments, plus '000s of informal ones

50+ Member events & conferences held

30+ central staff members

Key Collaborators

HIS Liaison
Group

Intended Outcomes for this programme

- Develop a national toolkit, centre of excellence and exemplar, for the entire public and private sector to mitigate against the ever-increasing cyber threat.

- Attain a Level 1 in any three (3) of the five (5) competencies defined in the 2021 Dutch ISAC competency framework as recommended by ENISA and published by the Dutch Ministry for Defence.

- Adopt ENISA best practice approaches for establishing an ISAC as per the objectives stated in the EU Cyber security strategy 2020 – 2030.

- Establish an Irish centre of learning and excellence which can enable the further deployment of ISACs across the other private and public sectors in Ireland.

- Establish a national steering group. This steering group will govern and oversee the project and facilitate on-going communication between the steering group members

Key Tasks and Timelines

Quarter One

- Establish steering group & Scope Statement including critical success factors,
- Key Deliverables, Communication Plan etc
- Formal inclusion as agenda item on HIS Liaison Group meetings
- Survey of local government cyber information sharing models / preferences

Quarter Two

- Facilitated Workshops X 2 to agree themes of collaboration.
- Presentation to City and County Managers Association.

Key Tasks and Timelines

Quarter Three

- Draft Tool Kit including Information Sharing Plan for each Local Authority

Quarter Four

- Benchmark local government ISAC against NL2020 competency model
- Present at HIS Conference
- Present at annual Irish Digital Government conference

We plan to leverage international best practice

The model comprises five capabilities and three development levels.

The ISAC-development model	Level 1	Level 2	Level 3
Strategy and action plan			
Working method			
Information structure and information management			
Situational picture and lessons learned			
Action			

https://english.ncsc.nl/publications/publications/2020/february/24/a-practical-guide-benefit-more-from-your-isac

The five capabilities are:

- **Strategy and action plan** relates to identifying the sector's ambitions and needs, which can either remain implicit or be recorded in a joint action plan.
- The **Working method** capability focuses on the activities and agreements that facilitate effective and efficient interaction between the ISAC participants.
- **Information structure and information management** concerns agreements intended to efficiently specify cyber security information and possibly to classify it as well. This competence also includes the methods and means for sharing, collecting, exchanging and storing information.
- **The Situational picture and lessons learned** capability focuses on the working methods for understanding and interpreting information and thus the capability for gaining insights and joint learning.
- The **Action** capability is intended for ISACs that aspire to achieve actual and practical collaboration.

Thank You!