網絡安全資訊共享夥伴試驗計劃

The Pilot Partnership Programme for Cyber Security Information Sharing

Mr Nicky YICK
Senior Systems Manager (Cyber Security)

Office of the Government Chief Information Officer

Cybersec Infohub

A new government initiative
to promote closer collaboration
among local information security
stakeholders of different sectors
(a 2-year pilot programme)

Why we have such initiative?

Cyber attacks continue to increase in frequency and sophistication

Difficult for individual organisation to scout the Internet continuously and to guard against cyber threats

Challenges for organisations to protect their digital assets

Sharing information and early warnings can help mitigate risks

Programme Objectives

- Establish a cross-sector collaborative network
- Provide a collaborative platform for a better visibility of situational awareness

- Cultivate local collaborative culture
- Enhance the overall cyber resilience of Hong Kong

Core Principles

Collaboration

Trust

Sharing

Cybersec Infohub

Threat information and analysis

Security alerts, news, vulnerabilities

Mitigation advisories

Situational awareness

Best practices and tips

Strategic analysis

Key participants

ISPs

Critical Infrastructure

Critical Internet Infrastructure

IT & Security Vendors

Researcher

Local CERTs

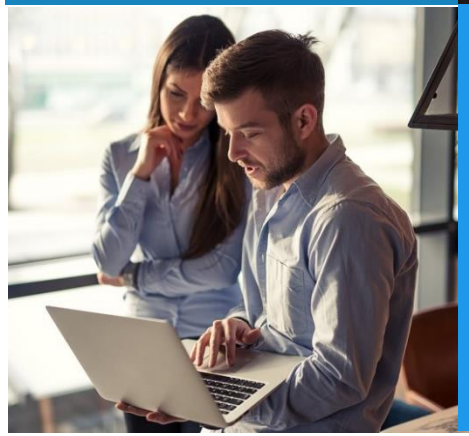
Other Sectors

Sharing Model

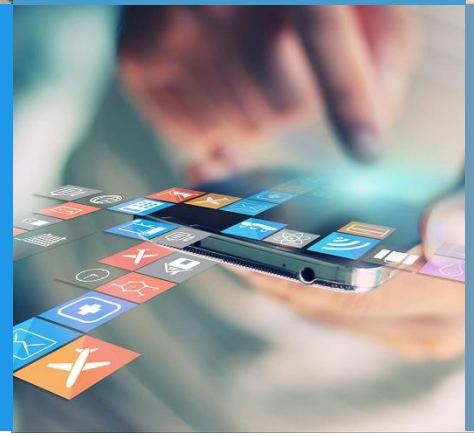
Any Member of the Programme interact and share with any other Members

Involve social media and collaboration elements

Trusted circles - based on trust and common interests for sharing of valuable / actionable information



Members-driven, sharing when, what, and with whom as Members see fit



No “gatekeeper” governing how, when and what sharing occurs,
incl. event-based sharing

Membership

Any Hong Kong company or organisation with its business address in Hong Kong, which manage an electronic communications network and has operational needs for cyber security information, is eligible to become a **Member** provided that it confirms that it complies and is willing to continue to comply with the terms and conditions of the Programme.

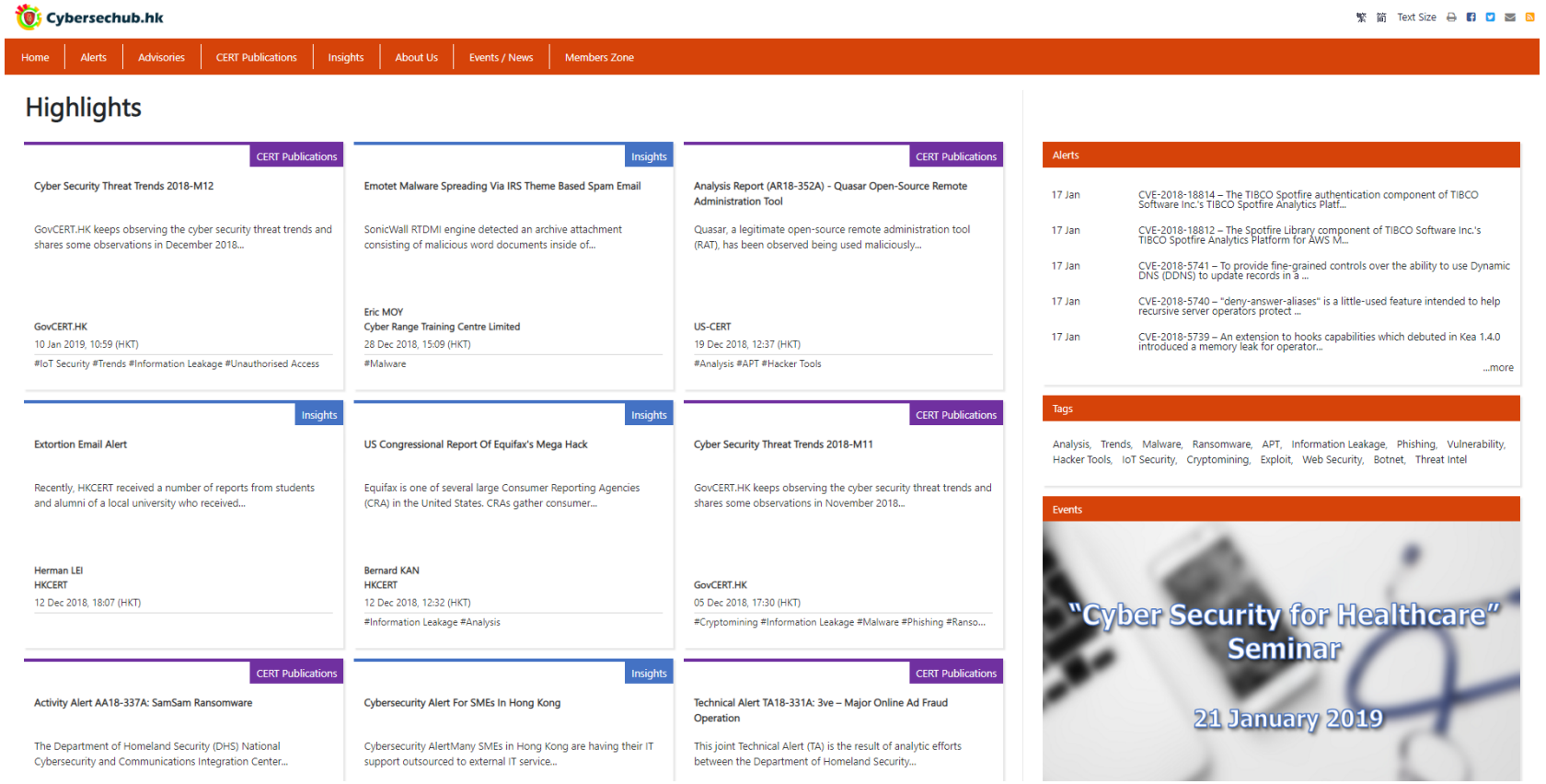
Advisory Group

Multi-stakeholder model

Contribute useful cyber security operational advice

Collect inputs from wider community on the strategy and priority of the Programme

Cybersechub.hk - Public Zone



Alerts

Advisories

CERT Publications

Insights

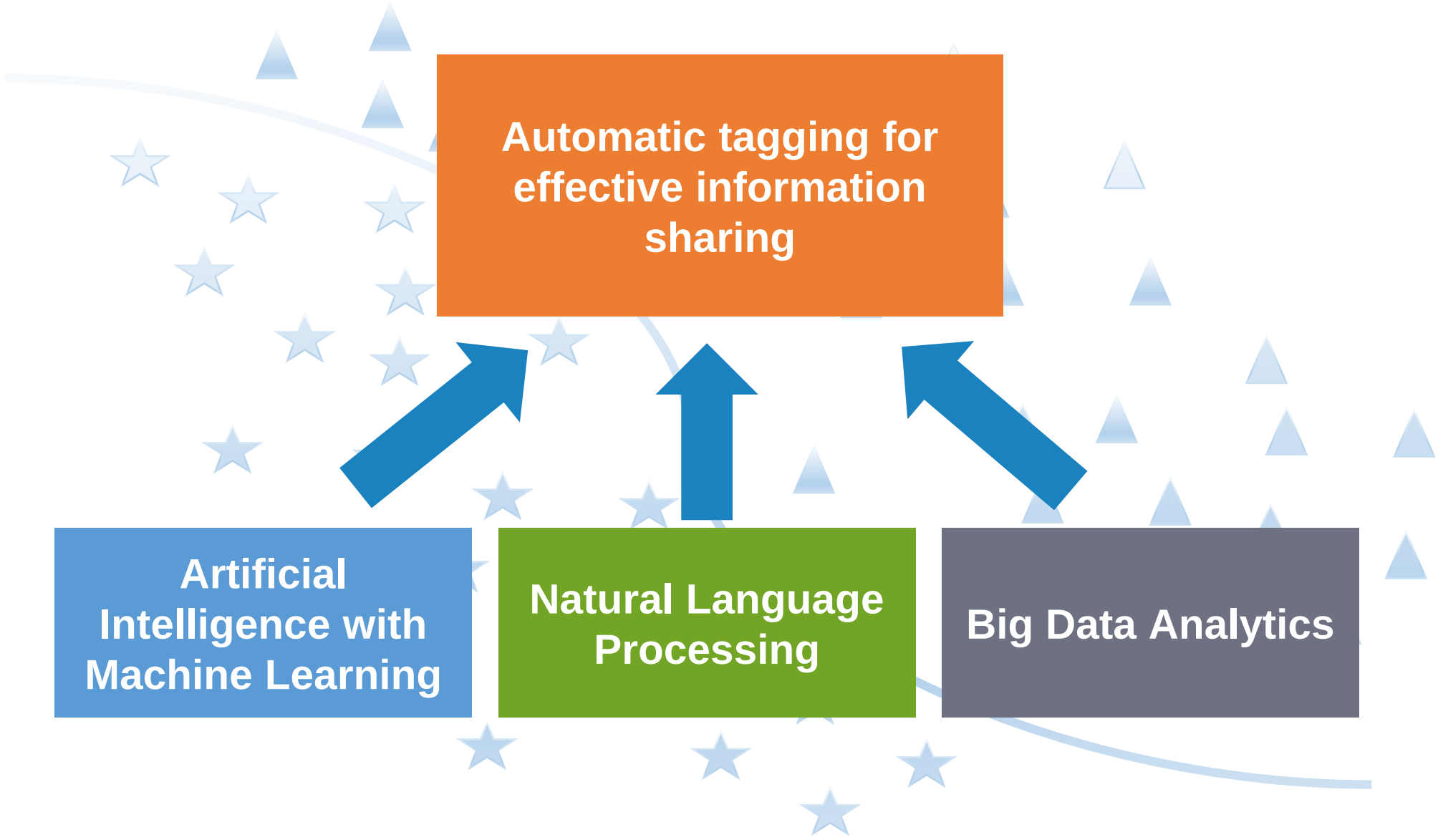
Cybersechub.hk - Member Zone

- Traffic Light Protocol
- “KOL” of Cybersechub.hk
- Trusted Groups Discussion
- User Anonymity
- Directory for Connections
- Private Messaging
- Export IOCs for Operation
- Social Media “Like” Feature

Industry Best Practices

Use Traffic Light Protocol (TLP) TLP: RED TLP: AMBER TLP: GREEN TLP: WHITE	Structured Threat Information eXpression (STIX) Trusted Automated eXchange of Intelligence Information (TAXII)	Data encryption, Two-step verification, WAF, Anti-DDoS Comply with Government IT security policy and guidelines
Information sharing boundary	Information exchange	Security

Advanced Technologies

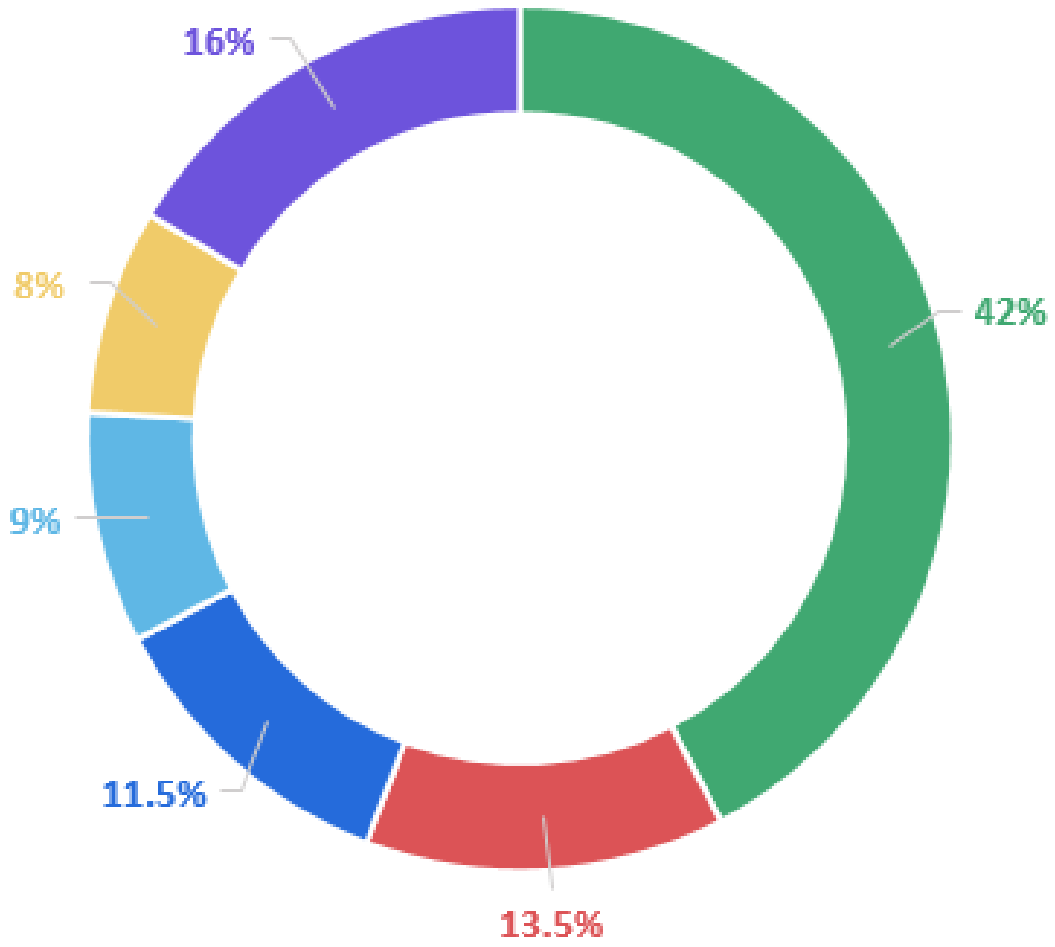


Members Information

As at Dec 2018

Over 100 Member Organisations

More than 300 Representatives



Latest Development

Discussions on major incidents

Monthly active contributors

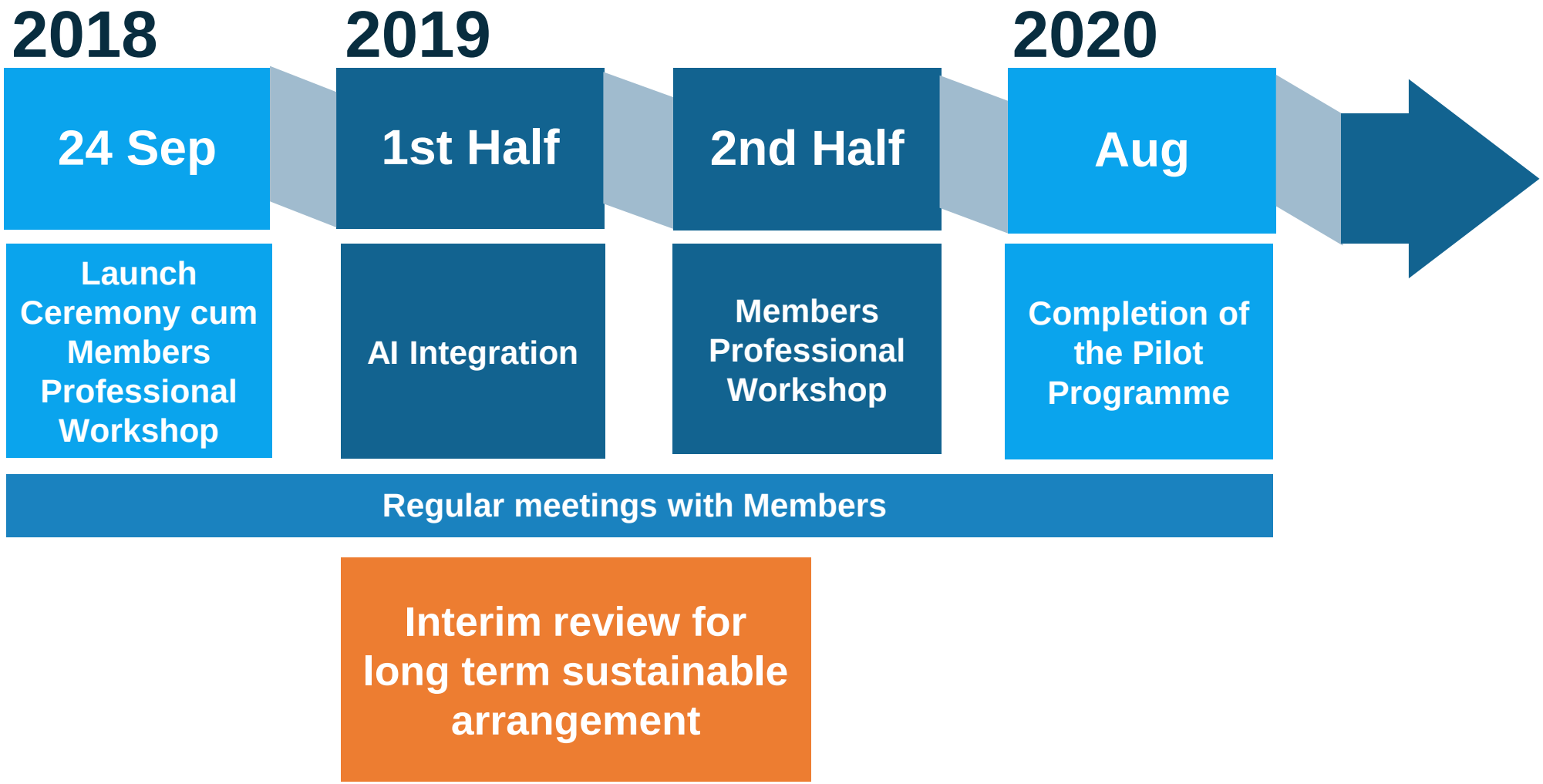
2 closed groups created

Enhanced notification

Monthly newsletter

RSS feed

Programme Timeline



網絡安全資訊共享夥伴試驗計劃

Cybersec Infohub

www.cybersechub.hk