

Aviation Partnership Project Workshop on Cyber Security in Aviation

Workshop 2:

A Strategy for Cyber Security in Aviation

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ICAO Secretariat Study Group on Cybersecurity [SSGC]

Member States, International Organisations and ICAO

4 Working Groups: Aerodromes and Airlines, Flight Safety, Air Navigation Systems as well as Legal

The strategy is the outcome of various discussions and meetings of the SSGC

The Strategy – what it seeks to achieve

ICAO's vision for
global
cybersecurity –
resilience

Protecting
critical
infrastructure
systems and
data

remaining safe
and trusted

ensuring
continuity to
innovate and
grow

7 pillars in the strategy



International cooperation

Both are borderless in nature.

cooperation to ensure protection from cyber threats to safety and security.

Harmonisation at national, regional and international

Governance

encouragement to develop clear national governance and accountability and coordination

National Civil Aviation
Authority



National Authority for Cyber
security

Cybersecurity policy

guidance material on the
threats and risk assessments

Information sharing

- vulnerabilities,
- threats,
- events
- best practices

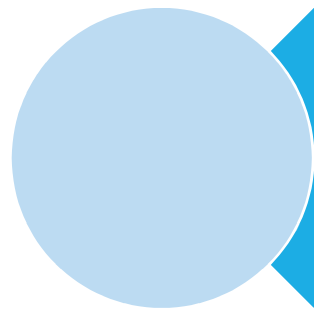
Through
trusted
relations

For early
detection and
to reduce
impact of
attacks

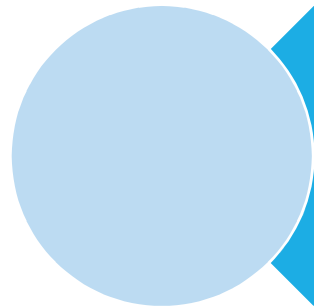
Incident management and emergency planning

Importance of having
appropriate plans for the
continuity during
and after cyber incidents.

Capacity Building, Training and cybersecurity Culture



trained staff, experienced in both sectors



Important to increase personnel that are qualified and knowledgeable in both

Legislation and Regulations

Legal
Working
Group

Legal
Elements

International
Law

Beijing

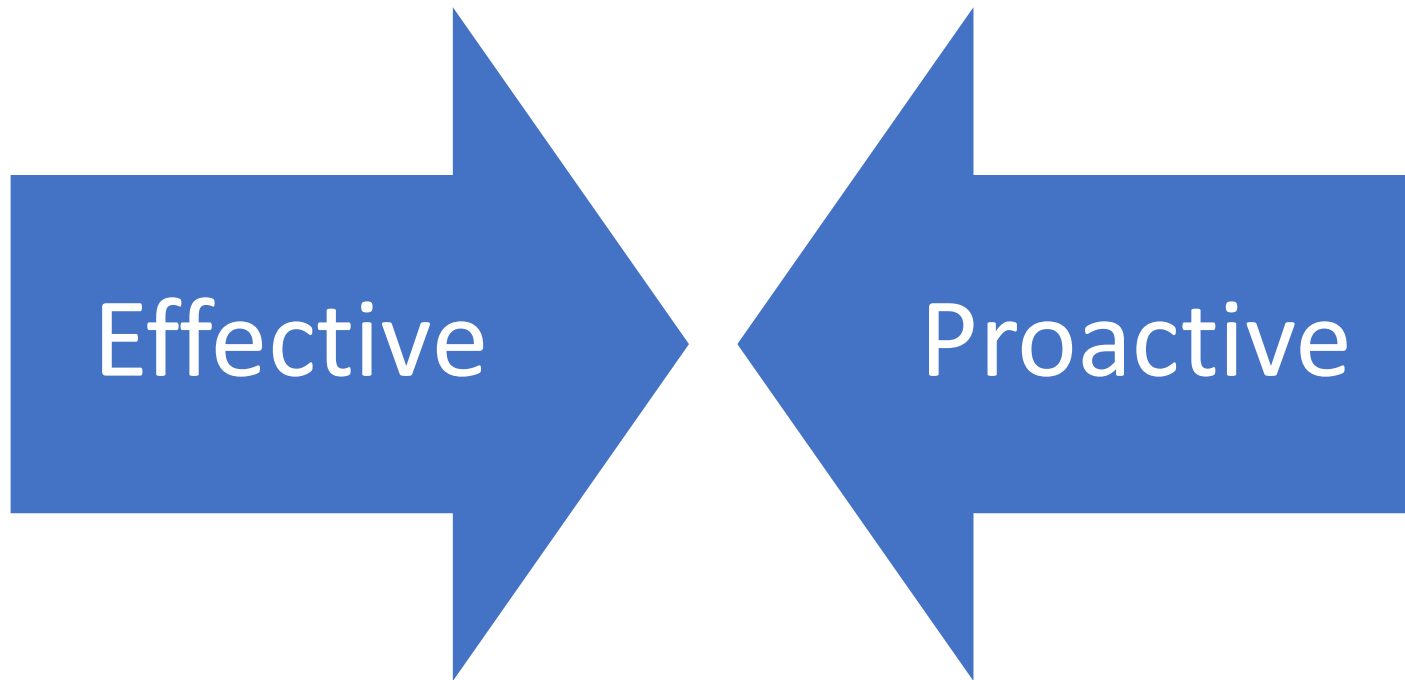
Lexicology

Appropriate
National
Law

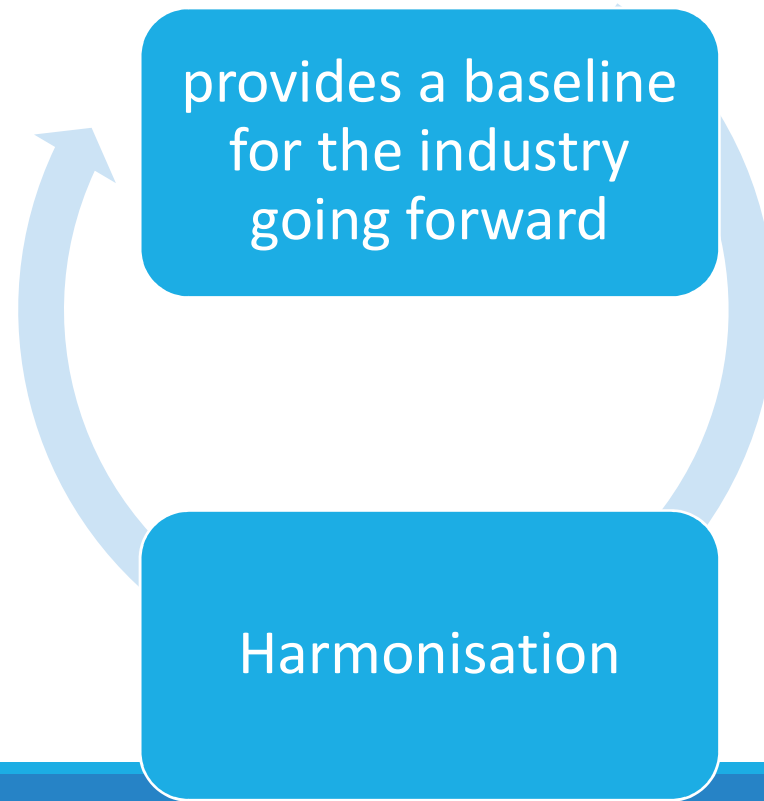
Legal Aspects

- Cross Border
 - Where was the offence committed?
- Jurisdiction
- Legal basis for Prosecution [legal provision]
- Punishment
- Awareness of the Judiciary

Legal Framework



Conclusion - Strategy



Thank you!