



Schweizerische Eidgenossenschaft
Confédération suisse
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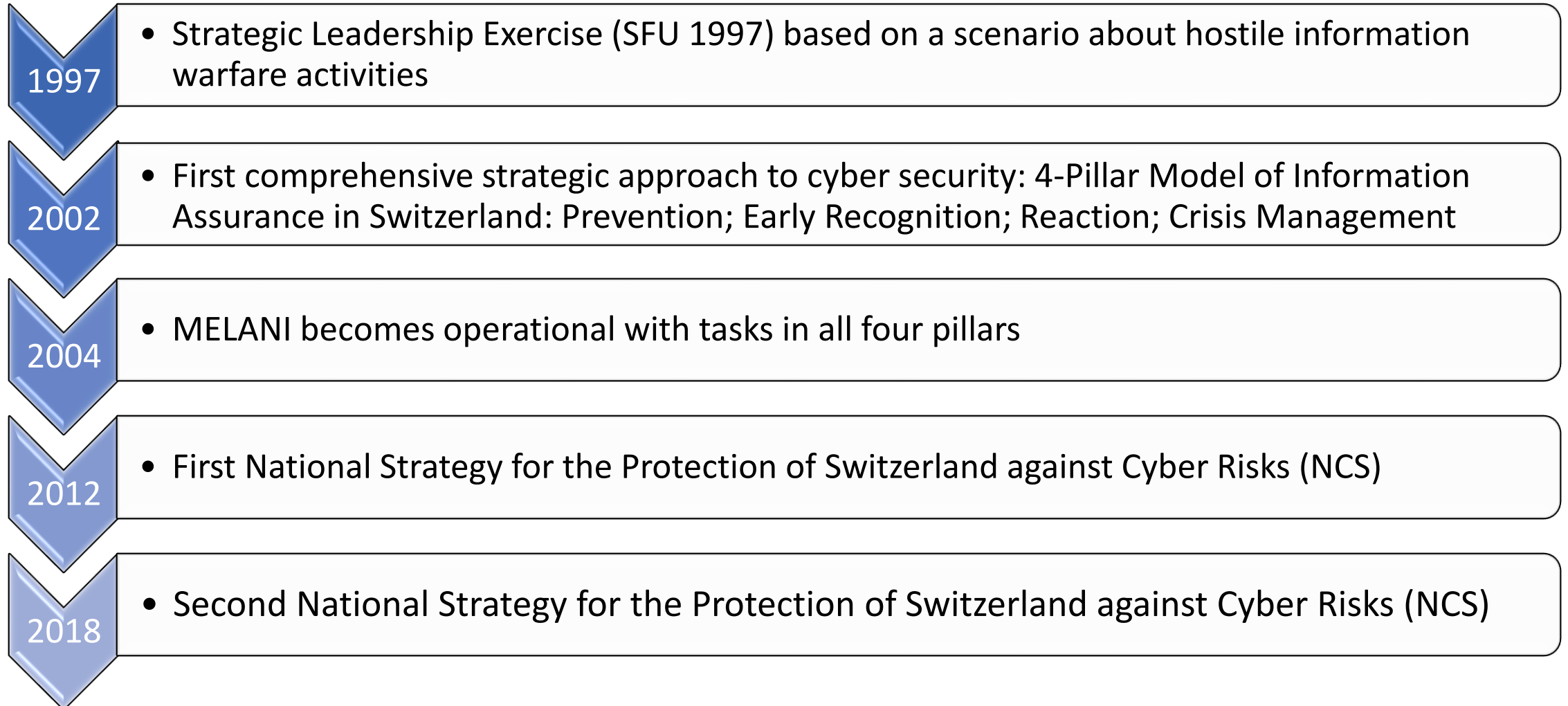
Federal Department of Finance FDF
National Cyber Security Centre (NCSC)

Switzerland's Cyber Security Policy

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Historical Development





The National Strategy for the Protection of Switzerland against Cyber Risks (NCS)



NCS 2018-2022 strategic objectives



- 1) Switzerland has the **skills, knowledge and ability** to identify and assess risks
- 2) Switzerland is developing effective **preventive measures**
- 3) Switzerland can also **manage** long-standing and cross-sectoral **incidents**
- 4) Critical infrastructures are **resilient** to cyber risks
- 5) The protection of Switzerland against cyber risks is perceived as a **joint task of** society, the economy and the state
- 6) Switzerland is committed to **international cooperation** to enhance cyber security
- 7) Switzerland **learns from cyber incidents** at home and abroad.



NCS 2018-22: 10 areas of action

- Skills and knowledge building
- Threat situation
- Resilience management
- Standardisation / regulation
- Incident management
- Crisis management
- Criminal prosecution
- Cyber defence
- International cyber security policy
- External impact and awareness-raising



29 concrete measures
in these ten areas of action



Most important content changes

- **Expanded target groups:** SMEs and the population should also be addressed. MELANI is to develop products for these target groups
- **Standardisation:** minimum standards for IT security should be introduced in the various critical sectors and subsectors
- **Examination of obligation to report:** an obligation to report cyber incidents is being examined in cooperation with the competent authorities
- **Cyber defence is part of NCS:** the work of the DDPS in the area of cyber defence is an integral NCS component



NCS 2018-22: implementation planning and status

The Implementation Plan for the NCS 2018–2022

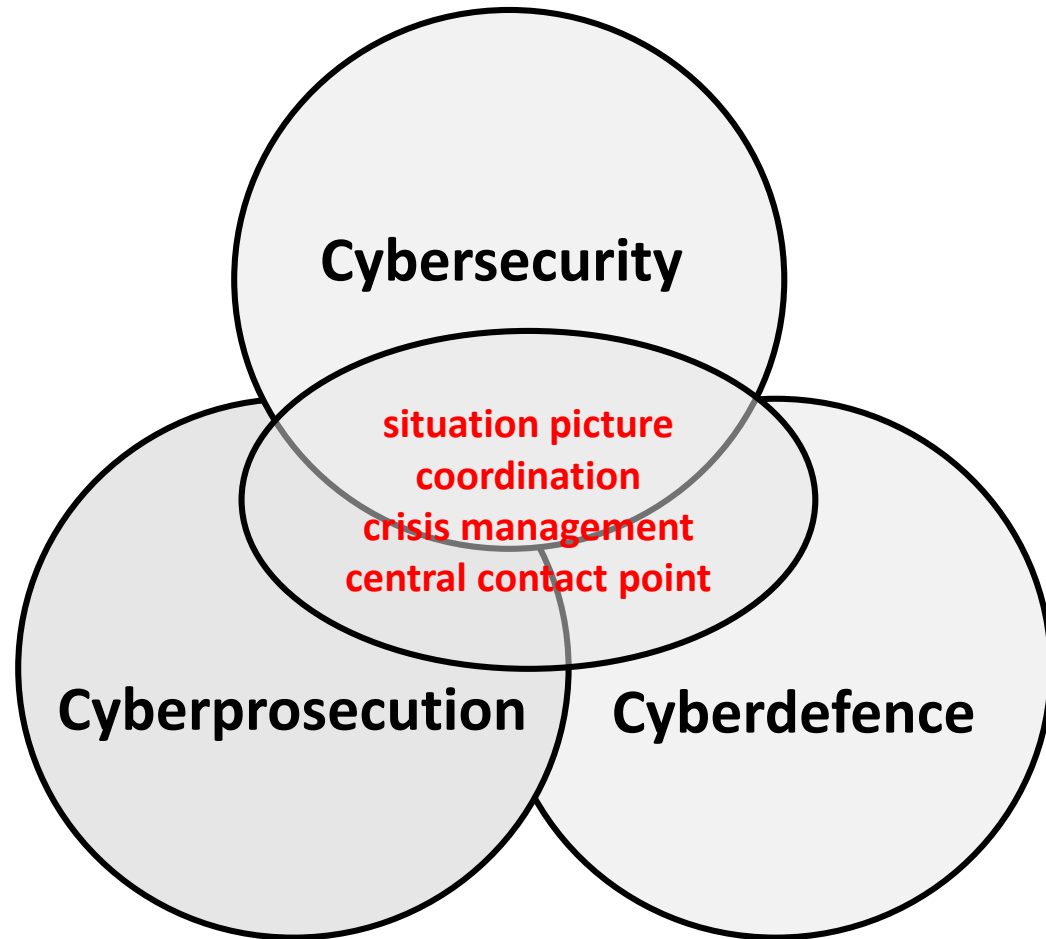
- **was developed together with cantons, businesses and universities.**
 - ➔ Inclusion of all players and their contributions in the Implementation Plan.
- **was adopted by the Federal Council on 15 May 2019.** Thereby were made further decisions on the establishment of the **National Cyber Security Centre (NCSC).**
- **is the basis for strategic controlling:**
 - Defines the responsibilities for the implementation of measures
 - Determines the implementation timetable
 - Defines measurable performance objectives



Organisation of the Confederation in the area of cyber-risks



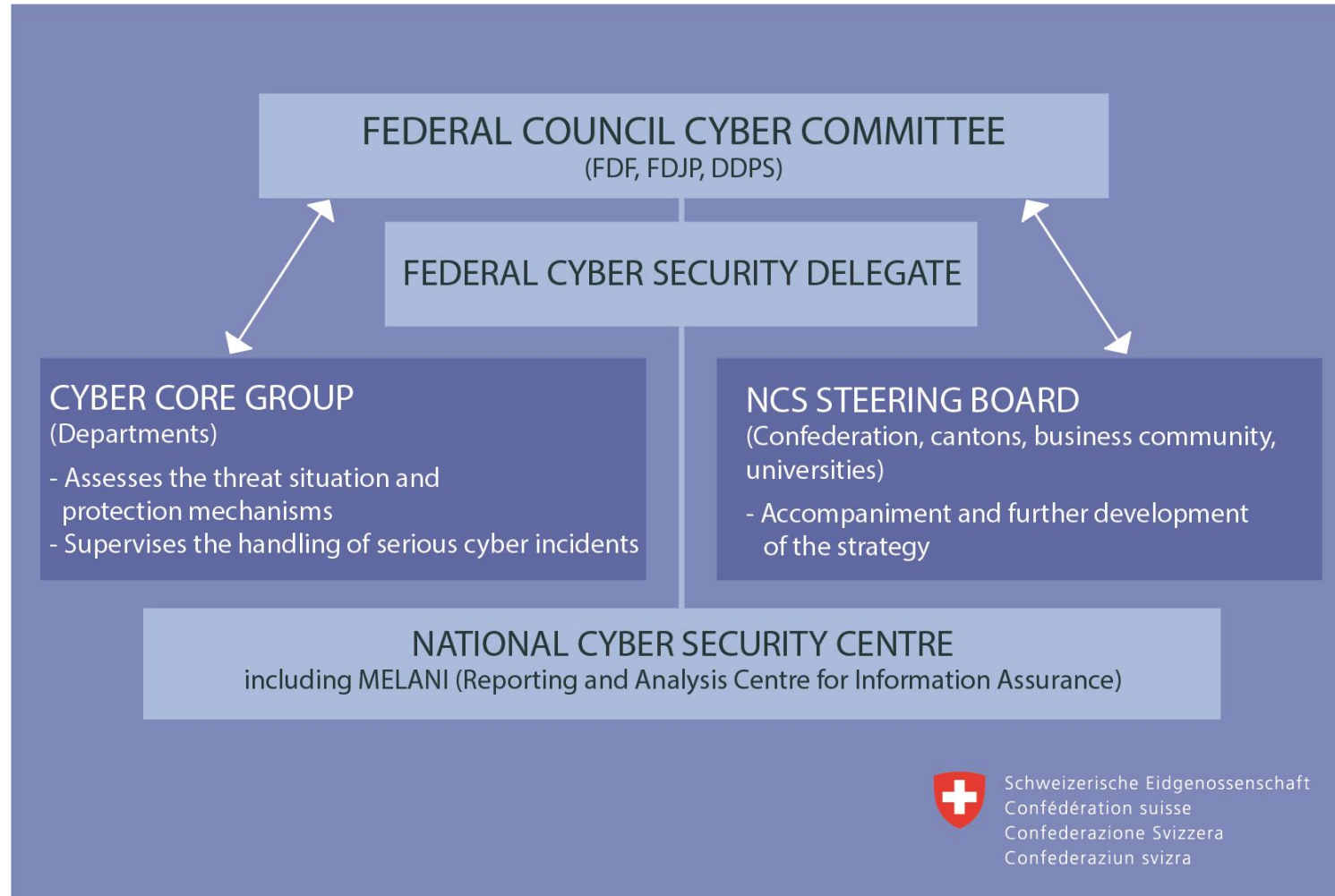
Tasks of Government: Three areas



- **Cybersecurity:** prevention, incident management, resilience management, training and research, international cooperation
- **Cyberdefence:** intelligence and military measures to defend against cyberattacks
- **Cyberprosecution:** measures taken by the police and public prosecutors in the fight against cybercrime



Organisation of the Confederation in the area of cyber-risks





National Cyber Security Centre (NCSC)



National Cyber Security Centre (NCSC)

- The core of the NCSC is made up of the Reporting and Analysis Centre for Information Assurance MELANI.
- NCSC assumes the following tasks:
 - National single point of contact
 - Risk and situation assessment
 - Technical centre of expertise
 - Office of the steering committee of the national cyber strategy
 - IT-Security of the federal administration
 - Pool of experts for standardisation and regulation in cyber security
 - Collaboration with science and research
 - Coordination of international collaboration at the technical level



Next steps

Legal basis

- The Federal Department of Finance FDF is preparing a "**cyber ordinance**" at federal level as the legal basis for the National Cyber Security Centre (NCSC)
- Discussion in the parliament on the proposed **legislation on information security**

Organisation

- Rapid development of MELANI into a national contact point for cyber-risks



Thank you for your attention



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