

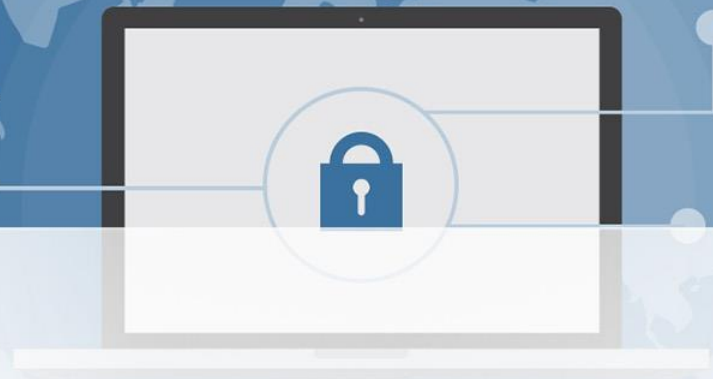


Critical Information Infrastructure Policy Case of Albania

Vilma Tomco

Director General

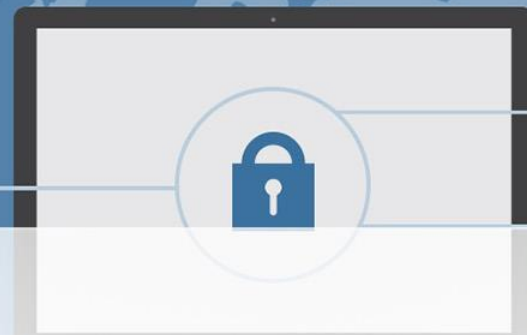
National Authority for Electronic Certification and Cyber Security



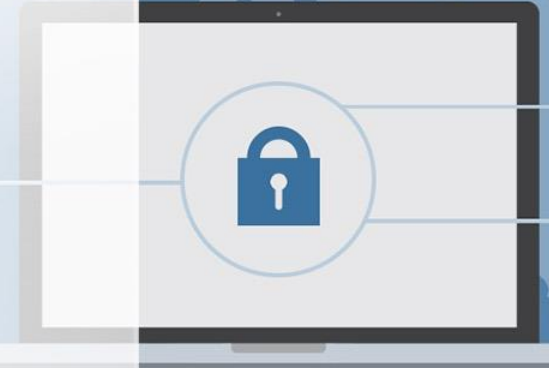
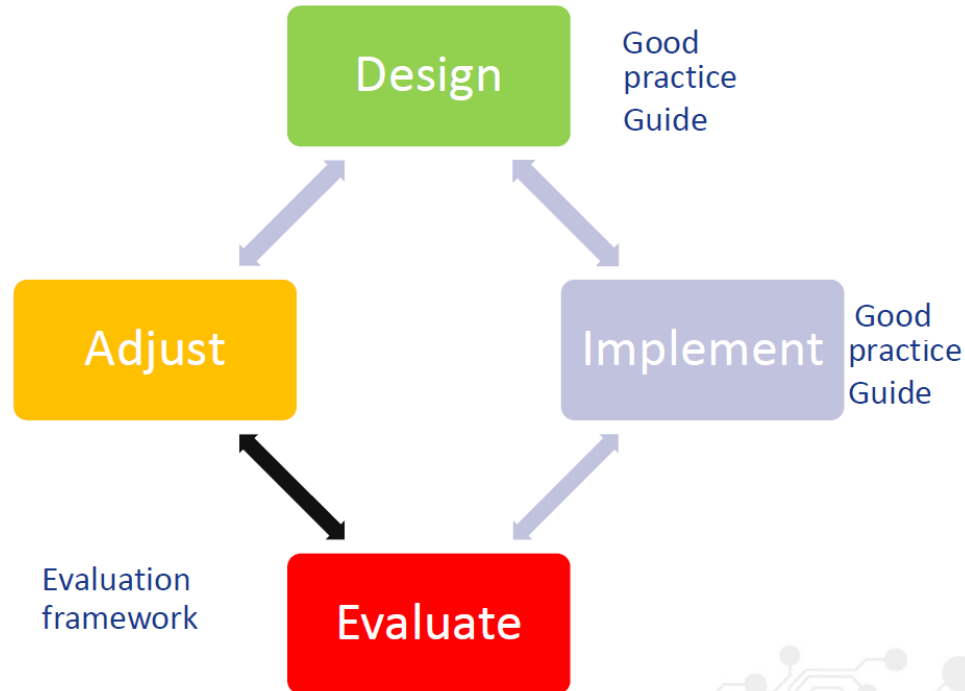
- "Everything works in PowerPoint; but if you have the physical item or some demonstration software, that's much more convincing to people than a PowerPoint presentation or a business plan."

(Elon Musk)

Positioning NAECCS' activities



National Cyber Security Strategy



Critical Information Infrastructure

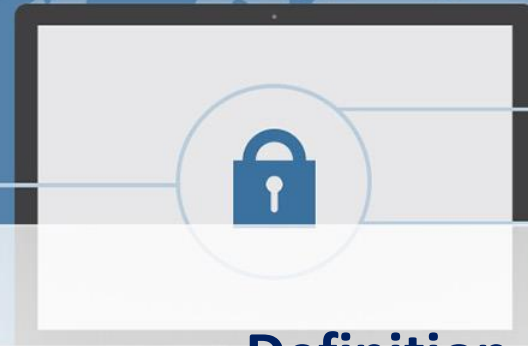


“ ICT systems that are critical infrastructures for themselves or that are essential for the operation of critical infrastructures (telecommunications, computers/software, Internet, satellites, etc.) ”

Cybersecurity is one of -- if not the top -- concern today for critical infrastructure organizations around the world

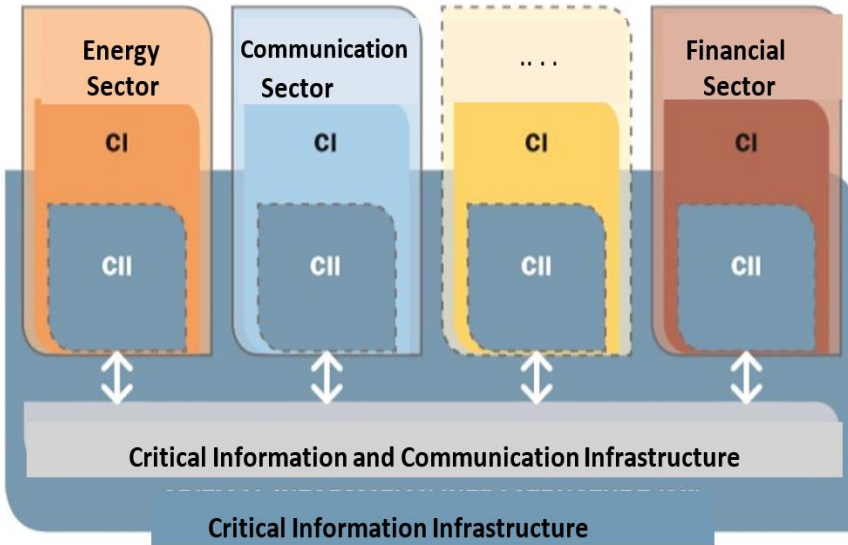
 Chemical	 Dams	 Financial Services	 Information Technology
 Commercial Facilities	 Defense Industrial Base	 Food & Agriculture	 Nuclear Reactors, Materials & Waste
 Communications	 Emergency Services	 Government Facilities	 Transportation Systems
 Critical Manufacturing	 Energy	 Healthcare & Public Health	 Water & Wastewater Systems

Establishment of CII

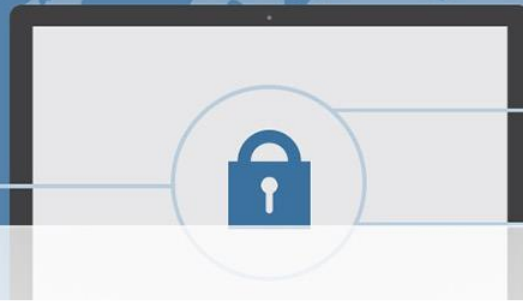


Definition of CII

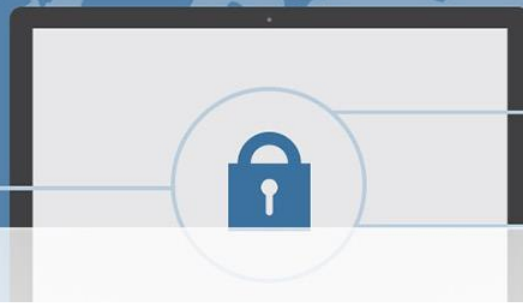
- "Critical information infrastructure" is the entire of information networks and systems, the violation or destruction of which would have a serious impact on the health, safety and / or economic well-being of citizens and / or the effective functioning of the economy in the Republic of Albania "(**Republic of Albania**)



CII Operators

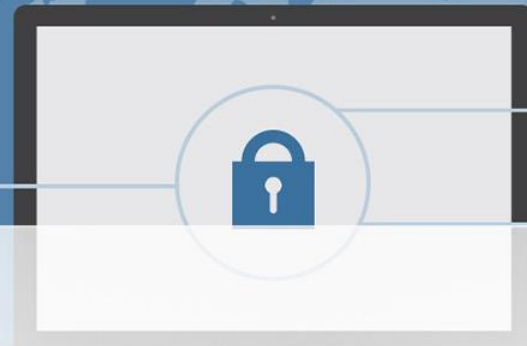


CII Sector	No. of systems 2020	No. of systems 2021	Total
Energy	8	6	14
Health	16	100	116
Financial	19	80	99
Transport	7	3	10
Government	62	101	163
ICT	5	60	65



CII Sector	No. of systems 2020	No. of systems 2021	Total
SME		150	14
Insurance companies		8	8
Local government		61	99
Water		61	10
Total	117	630	747

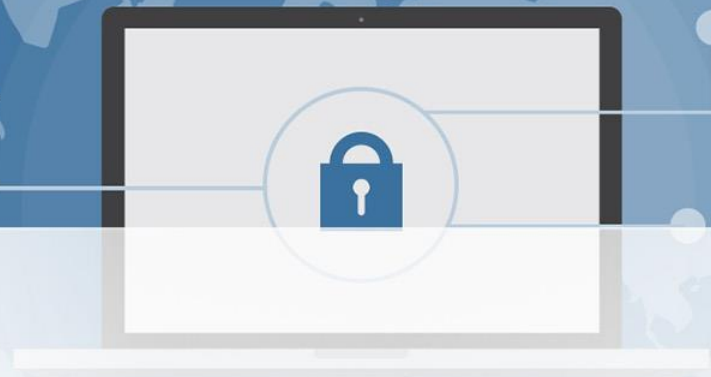
NCIIP principles



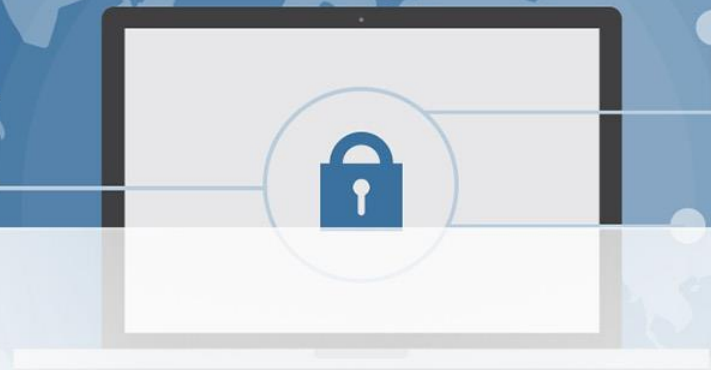
“ To facilitate safe, secure and resilient Information Infrastructure for Critical sectors of the nation”

- Mechanism development
- Risk management approach
- Policy Compliance among CIIs
- Information sharing and exchange
- Lead and coordinate programs
- Awareness campaigns and capacity building programs
- Establishing sectoral CSIRTs

NCIIP vision



1. Awareness raising
2. Support sectors
3. Facilitation and collaboration
4. Foster the growth
5. Enable higher level of security



Thank you!

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