Everyone should care about National Cyber Security Strategy

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TLP:CLEAR

#me

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process development · strategies · non-technical stuff

@cyber_buzzz

A PERFECT STRATEGY DOESN'T EXIST

- Too complex
- Too dynamic
- Not a routine work

SESSION OVERVIEW

- ~~Introduction~~
- Problem definition
- Case Study
- Troubleshooting

WHY IS SECURITY A NECESSITY IN LIFE?

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Bussiness Enabler

Service Enabler

Life Enabler

WHY STRATEGY ON NATIONAL LEVEL?

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- Order amidst chaos
- Protecting the right values
- Picking the ripest cherries
- Measuring progress

WHY ARE YOU SO IMPORTANT?

BECAUSE YOU

- … think out of the box
- … are professional in your field
- … care about the larger context
- … understand the values
- … want to protect them
- … **do not** want chaos in cyber security

WHY ARE YOU SO IMPORTANT?

CORE PILLARS OF A POWERFUL STRATEGY

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VISION

PRINCIPLES

THREATS

GOALS

VISION

- Philosophical concept
- Ultimate goal
- More ambition than result

PRINCIPLES

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VISION

- Philosophical concept
- Ultimate goal
- More ambition than result

e.g. *„Strenghten and create an open, free and secure cyberspace for everybody“*

PRINCIPLES

THREATS

GOALS

PRINCIPLES

- How you govern
- Law-abiding
- Responsibility

VISION

PRINCIPLES

- How you govern
- Law-abiding
- Responsibility

e.g.

„Fundamental human rights come first“

„Cybersecurity governance based on legality“

„Universal approach to cybersecurity“

„Continuous capacity building“

THREATS

GOALS

THREATS

- Comprehensive analysis
- Risk assesment approach
- Nation-wide

VISION

PRINCIPLES

THREATS

- Comprehensive analysis
- Risk assesment approach
- Nation-wide

e.g.

„Vulnerable users“

„Lack of proffesional staff“

„Weak detection“

„Lax approach to requirements arising from legislation“

GOALS

VISION

PRINCIPLES

THREATS

GOALS

- Realistic
- Extinguishing big fires
- Multiple topics

VISION | PRINCIPLES | THREATS

GOALS

- Realistic
- Extinguishing big fires
- Multiple topics

e.g.

„Reliable state prepared for threats“

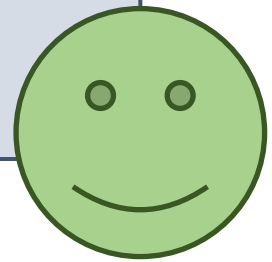
„Resilient private sector“

„Strong partnerships“

„Well-educated professionals and broadly educated population“

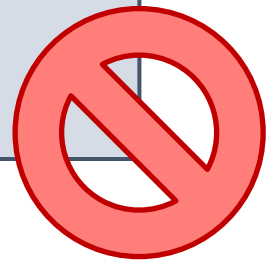
DO

- Get inspired
- Cooperate
- Analyze
- Be realistic
- Be matter-of-fact



DO NOT

- Do it as a obligation
- Refuse help
- Guess
- Wait
- Waste words



CASE STUDY

CASE STUDY

- Development started in 2020
- Approved by gov on **January 7th 2021**
- 7 strategic goals
- Identification of national stakeholders
- Main foreign partners

CHALLENGES

- Not enough hard data on threats
- No measurement from previous strategy
- No initial interest from stakeholders and community
- How to accurately assess the cost
- Time crunch (as usual)

OUTCOMES

- Lucky to define good strategic goals (community approved),
- We often guessed (well?)
- Strong engagement of the comunity (after dubious start)
- Important stakeholders woke up in the consultaiton process
- No big issues during consultations

LESSONS LEARNED

- Start in advance (it means now!)
- Use data, data and (of course) data
- Measure and evaluate previous strategies
- Discuss and persuade to be involved
- Think about money
- Promote

IMPLEMENTATION AND MEASUREMENT

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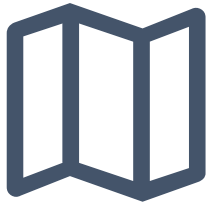
STRATEGY

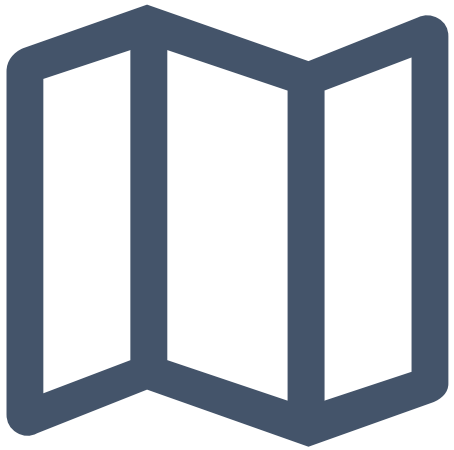
Vision · Principles · Threats · Goals



ACTION PLAN

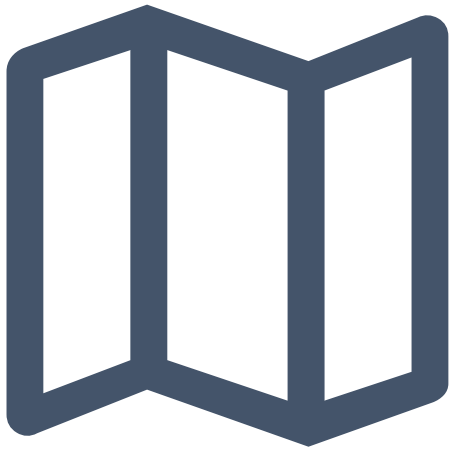
What · How · Who · When

ACTION PLAN



- Roadmap to success
- Tangible tasks
- Responsible stakeholders
- Timeframe
- KPI‘s / measurable indicators / maturity measurement

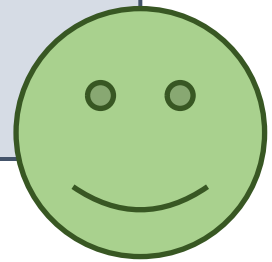
ACTION PLAN – LESSONS LEARNED

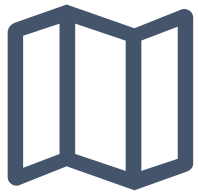


- Small task-forces approach
- Tasks based on real needs
- Monitoring team designed
- Varied community feedback
- Tasks refusing by some stakeholders

DO

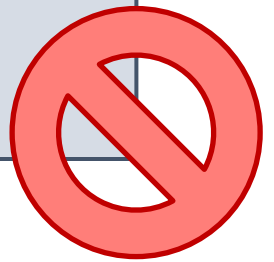
- “SIG‘s“
- Communicate
- Set KPIs
- Monitor and evaluate
- Build confidence





DO NOT

- Imposible tasks
- Non-measurable tasks
- Too many tasks
- Treaten
- Be uninvolved



GOOD EXAMPLES

Every National Cyber Security Strategy is a good example!

LAST WORDS…

- Do it with passion
- Be simple and realistic
- Cooperate
- Focus on your vision and goals

Thank you!

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