



European dimension of cybersecurity policies

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What is Cybersecurity for us?



Cybersecurity is the protection of networks and information systems against human mistakes, natural disasters, technical failures or malicious attacks

Cybersecurity Trends



- *Cyber security still a young and immature field*
 - *Attackers more innovative than defenders*
- Defenders need to share information and cooperate*



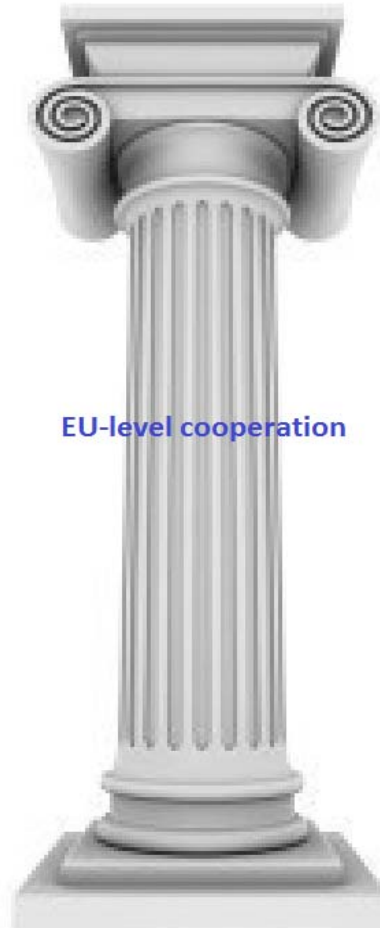
- ⇒ **Cyber security focus area for Horizon 2020**
- ⇒ **Cyber security will never be “solved” but will be “managed”**
- ⇒ **User centric perspective of cybersecurity**



Proposal for a directive on Network and Information Security (NIS)



Common requirements
across the Member States



EU-level cooperation



Risk management
and reporting
across sectors





Our 3 key actions

1. Bringing cybersecurity capabilities and cooperation to maturity (Making NIS Directive really work; NIS Platform)
2. Making EU leader in cybersecurity (Developing Cybersecurity Industrial Strategy)
3. Mainstreaming cybersecurity in EU policies

1. Bringing Cybersecurity Capabilities and Cooperation to Maturity



Use CERT-EU &
ENISA to instigate
cooperation



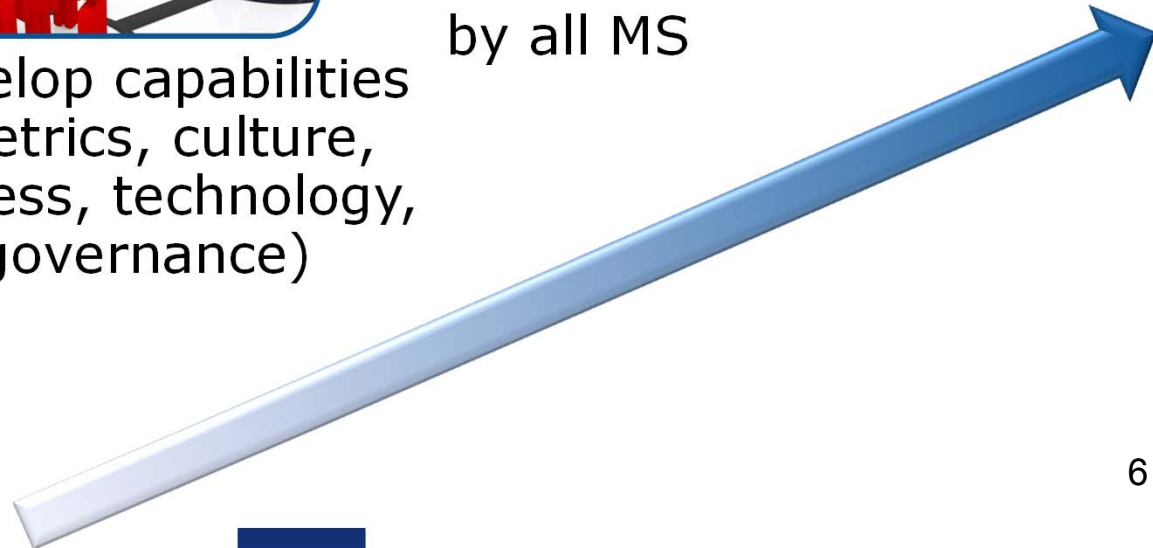
Develop capabilities
(metrics, culture,
process, technology,
governance)



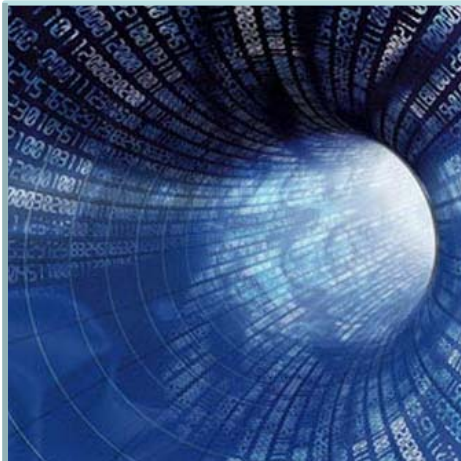
Adoption of
cooperation
by all MS



NIS Cooperation
becomes
mature



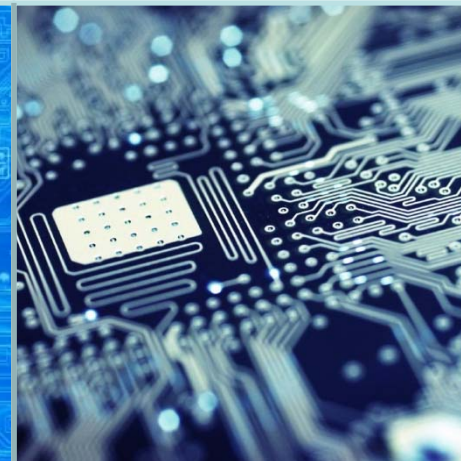
2. Making EU leader in cybersecurity (Developing Cybersecurity Industrial Strategy)



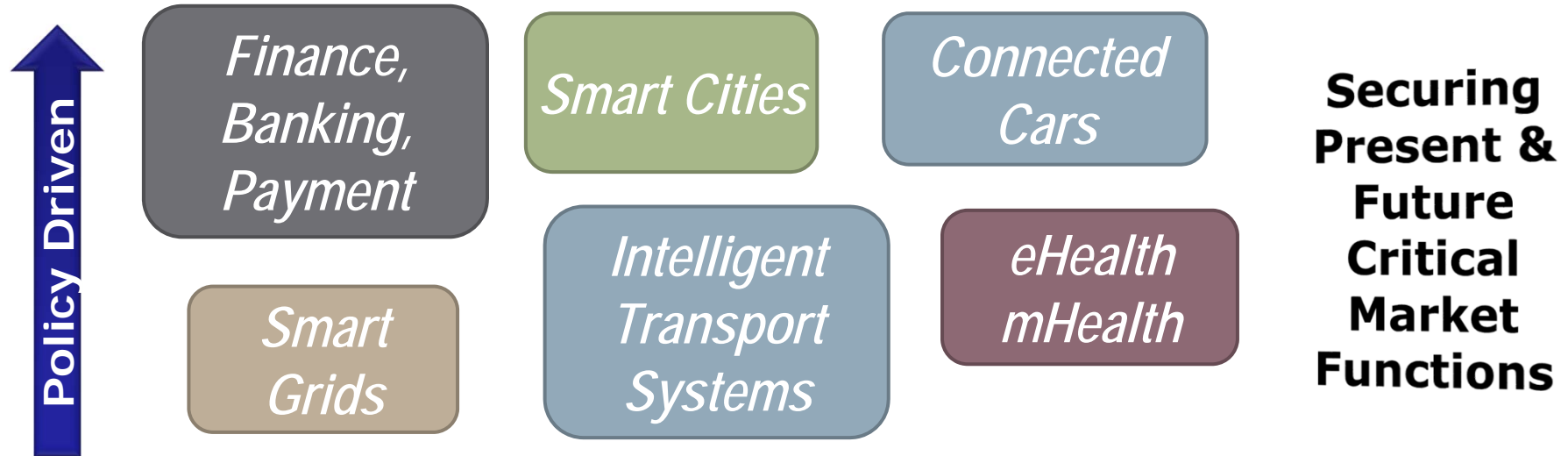
**Making the EU
a leader in
cyber security
preparedness
and
trustworthy ICT**



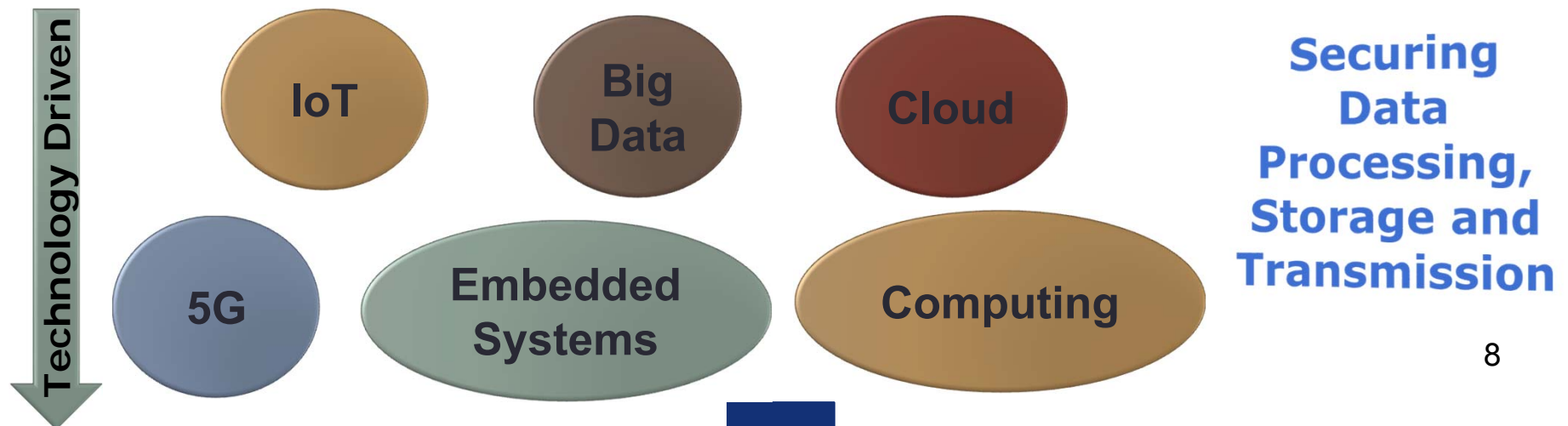
**Maintain and
develop a
European
industry and
know-how in
cyber, including
through PPP**



**Identify and
focus on a few
technological
areas**



3. Mainstreaming Cybersecurity



Conclusion

- When approved, NIS directive will bring
 - **Market opportunities for cybersecurity products and solutions**
 - **More cooperation between public and private sectors because of increased capabilities and obligations at national level**
- The NIS Platform is our preferred engagement tool
- Funding through H2020 and CEF are essential elements in our policies

Questions for the discussion

1. "EU to become a leader in cybersecurity preparedness and trustworthy ICT"
 - **Is it feasible?**
 - **Can "Trustworthy ICT" become a EU label/trademark?**
2. European Cybersecurity Industrial Strategy
 - **Who needs to be involved?**
 - **How we can make it happen?**