Cybersecurity at EU level

2013 Cybersecurity Strategy – *EU to focus on:*

- ➢ Achieving cyber resilience
- ➢ Fighting cybercrime
- ➢ Developing cyber defence policy and capabilities under the Common Security & Defence Policy (CSDP)
- ➢ Developing industrial and technological resources for cybersecurity
- ➢ Establishing international cyberspace policy for the EU and promoting core values

Security of Network & Information Systems (NIS) Directive adoption in 2016 to ensure prepardness and cooperation by:

➢ Improving cybersecurity capabilities
➢ Enhancing cooperation
➢ Risk management & incident reporting for critical sectors

2016 signing of contractual public-private partnership on cybersecurity (cPPP):

➢ Help overcome market fragmentation
➢ Stimulate competitiveness
➢ Build trust

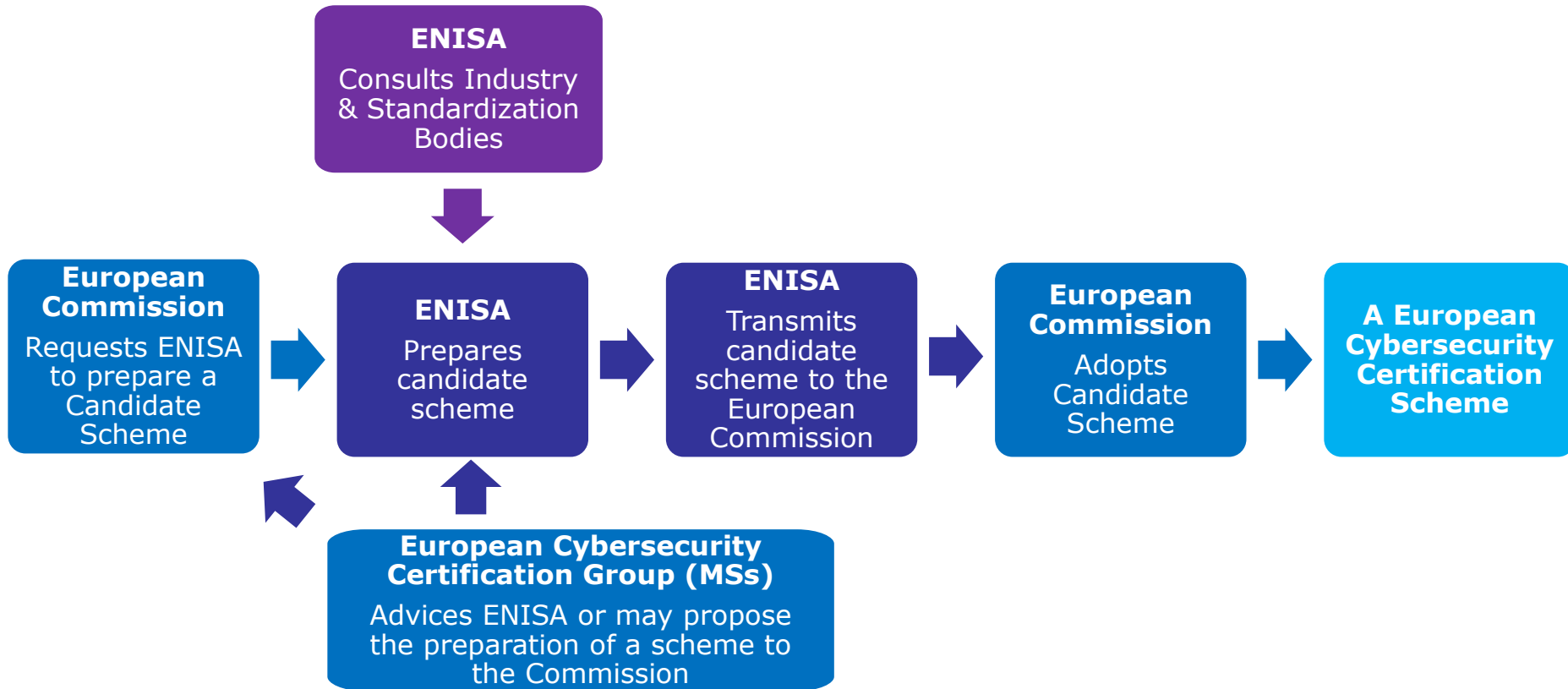# 2017 EU Cybersecurity package

➢ **EU Cybersecurity Act**:

   ➢ Adapts the scope of the **Cybersecurity Agency** to the current and future needs

   ➢ Establishes an ICT **cybersecurity certification framework**

➢ Moves towards setting up a network of competence centres with a **European Research & Competence Centre** at its core

➢ Lays out a **Blueprint** on the parameters for a coordinated response to large scale cybersecurity incidents and crises

➔ *Scaling up the EU response to cybersecurity challenges*

An EU cybersecurity certification framework

➢ Once certified, **recognition** across all Member States of products and services;
➢ **Compatibility** with specific provisions with the same objective in Union legislation (e.g. data protection certification in GDPR);
➢ Solid **governance** structure.
➢ With **minimal requirement specification levels**, including

  ❑ scope and object of the certification;
  ❑ the specific evaluation criteria,
  ❑ the level of assurance (*e.g. basic, substantial or high*), and
  ❑ the technical security requirements, for example by reference to existing standards.

➢ Widespread use of **international standards.**

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How will the framework work in practice – need for a solid system of governance

ENISA
Consults Industry & Standardization Bodies

European Commission
Requests ENISA to prepare a Candidate Scheme

ENISA
Prepares candidate scheme

ENISA
Transmits candidate scheme to the European Commission

European Commission
Adopts Candidate Scheme

A European Cybersecurity Certification Scheme

European Cybersecurity Certification Group (MSs)
Advices ENISA or may propose the preparation of a scheme to the Commission

In a nutshell: EC proposes & decides, Group advices (and may propose), ENISA prepares schemes