

# NATIONAL CYBERSECURITY CENTRE

**ENISA Cybersecurity  
Certification  
Conference**  
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**CNCS**

Centro Nacional  
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PORTUGAL





# Incoming Portuguese Presidency Agenda for Cybersecurity and Certification

# Table of contents

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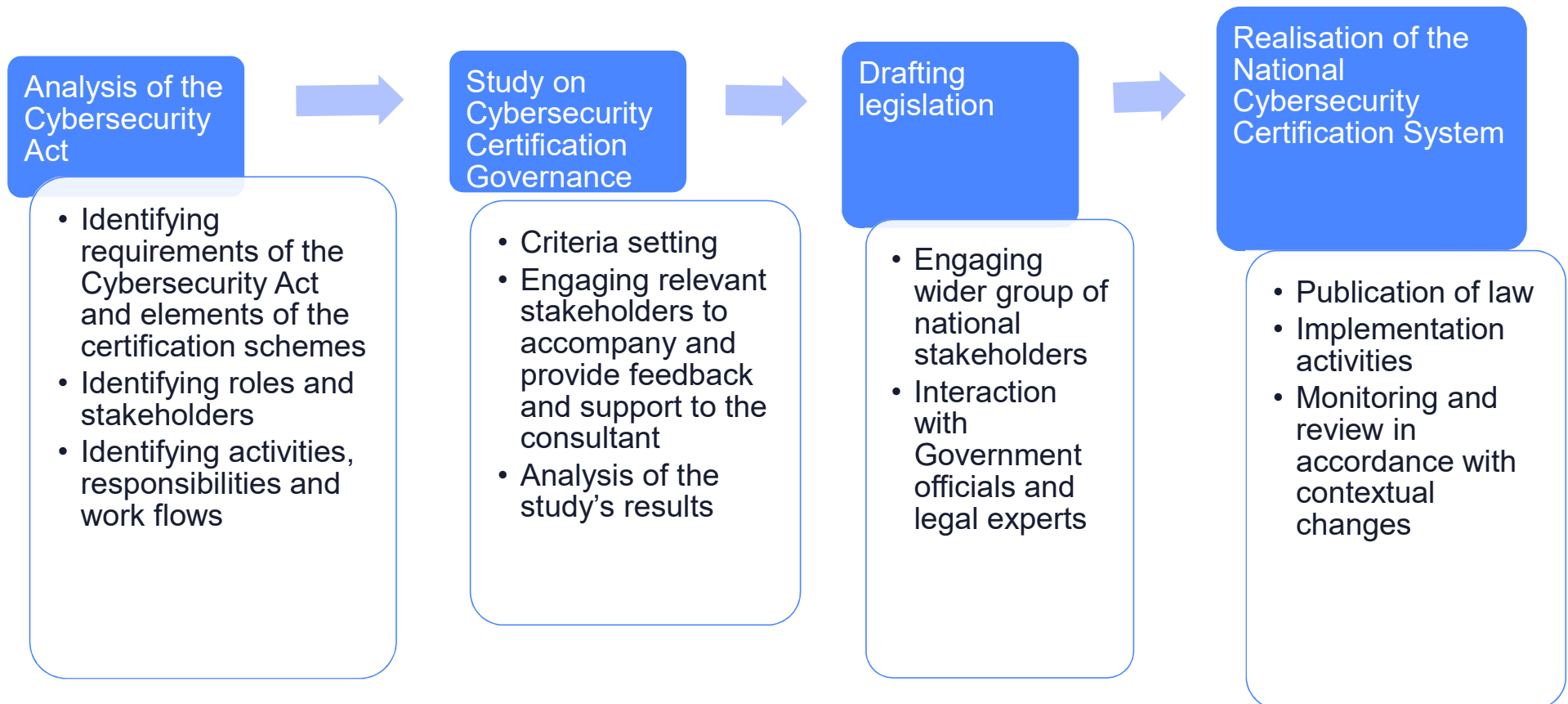
- Background: Portuguese Cybersecurity **Certification activities**
  - Portuguese Cybersecurity Certification System
  - Digital with purpose initiative
- EU cybersecurity and certification activities
  - **Outlook** of the **Portuguese Presidency**

# Portuguese Cybersecurity Certification System

## Main drivers

- **Cybersecurity Act**
- **Portugal Digital Label**
- **National Cybersecurity Framework**

# Action plan



# Design principles of the Portuguese Cybersecurity Certification System

- Full **alignment** with the **CSA**
  - The system should **ensure necessary flexibility** to respond to the certification duties of **existing and future** European certification **schemes**
- Integrate **best practices** identified in other **national certification frameworks**
- Regard for the **specific national context**, namely its **social and economic fabric**
- Enable and promote that **entities such as sectoral regulators** actively **contribute and participate** in the system
- The system should be able to **set-up national certification schemes**
- **Flexibility**, **vertical** integration and **composability**

# Governance model

- Portuguese Cybersecurity Certification System **Architecture**
  - **activities, roles, responsibilities, components** and **critical elements**
  - **relevant** related **entities and actors**
  - **communication** and **work flows**
- **Procedure** for drafting **national** schemes and facilitate implementation of **EU certification schemes**

# Portuguese Cybersecurity Certification System – engagement with stakeholders

- Workshop to present governance model proposal on 26<sup>th</sup> November
  - Attended by more than **80 representatives**
  - From a range of diverse **organisations**
  - Public entities, academia and research institutions, enterprises, sectoral regulators, CABs
- Proposal **widely welcomed**
- Stakeholders expressed a **strong interest** to **start working** on national schemes and support the implementation of EU schemes



# Portuguese Cybersecurity Certification System – next steps

- Legislation in the **final stages** of **preparation**
  - **Submission** to Government **before the end of the year**
  - **Fine tuning** of the legal act
  - **Publication**
- First national **schemes** under consideration
  - Certification of **public entities** in accordance with the **National Cybersecurity Framework**
    - risk-based approach to tackle cyber threats, establishing the foundations for the implementation, on a voluntary basis, of security measures for NIS
    - promotion of public administration **procurement** of **certified** products

# Digital with purpose initiative

- International **civil society initiative** supported by the **Portuguese Government**
- **Multidimensional label** for the digital aspects of an **organisation**
- Objective: to attest the **organisation's commitment** with a **set of values** for the development and usage of digital technologies, including **cybersecurity**
- Sets of values to be assessed
  - **Cybersecurity**
  - Usability
  - Privacy
  - Environmental sustainability

## Digital with purpose initiative – certification scheme

National scheme to certify organisations' commitment with a cybersecurity set of values

- Targeted at **enterprises** and **civil society** organisations
- Aiming to assess organisation's commitment with Cybersecurity principles. Eg. **security by design**, **human resources cybersecurity skills**, etc.
- Commitment to make the most out of the opportunity to use the **Recovery and Resilience Facility** to boost cybersecurity levels, including through **certification**
  - Goal to reach **16000** Portuguese enterprises

# EU cybersecurity and certification activities

## Vision of the Portuguese Presidency of the European Union (I)

- **Cybersecurity Act** as a backdrop
  - Cross-cutting nature
  - Sectoral regulations usage of certification as way to achieve cybersecurity objectives
- Strengthen articulation between the **NIS Cooperation Group** and the **European Cybersecurity Certification Group**
- Encourage the **certification** of services and products and of information security management within organisations to **comply** with the **NIS Directive security requirements**
  - Particular **attention** to the **Health Sector**

# EU cybersecurity and certification activities

## Vision of the Portuguese Presidency of the European Union (II)

- Support the **implementation** of the **Union Rolling Work Programme**
- **Facilitate** the EU and Member States joint **cybersecurity agenda**
  - New **cybersecurity strategy**
  - New **NIS Directive**
  - Directive on the **resilience** of **critical entities**
  - **EU Cyberdiplomacy** toolbox
- **Maintain momentum** on concrete actions already initiated
  - **Joint Cyber Unit**
  - **CyCLONe** network
  - Implementation of **5G Toolbox**

# EU cybersecurity and certification activities

## Vision of the Portuguese Presidency of the European Union (III)

- **Underlying thinking** informing the **Portuguese Presidency actions** in the diverse **policy stages**
  - Foster **enabling environment** for **close cooperation** between Member States and **sharing of knowledge** and of **best practices**
  - **Standardisation** as **foundation** for certification
    - **Coordination** between Cybersecurity and European Standards' organisations
    - Advocate **Open Standards** to **stimulate competitiveness** and avoid vendor or geographical **lock-ins**

# EU cybersecurity and certification activities

## Vision of the Portuguese Presidency of the European Union (IV)

- **Underlying thinking** informing the **Portuguese Presidency actions** in the diverse **policy stages (cont.)**
  - **Public Administration procurement** of certified products to **set the example** and **stimulate the market**
  - Promote **awareness raising** of **certification benefits** among potential certification users and consumers of ICT products and services

Thank you!