



## European Cybersecurity Industrial, Technology and Research Competence Centre and the Network of National Coordination Centres

Eurosmart Council Members – 20<sup>th</sup> September 2018

# I. Aims of the proposal

Digital Single Market, Horizon 2020, Digital Europe

# I. Aims of the proposal

## I.1 Context

### Digital Single Market, 2013 Cybersecurity Strategy, Cybersecurity Act

- To develop the cybersecurity technological and industrial capacities necessary to secure the Digital Single Market;
- To enhance the future EU cybersecurity certification framework as defined by the Cybersecurity Act
- To increase the competitiveness of the EU's cybersecurity industry;
- To place “the Union in a position to autonomously secure its digital assets and to compete on global cybersecurity market”.
  - **Up to 30% of the European demand is met by companies headquartered outside the EU\***
  - Europe is the location for the corporate headquarters of **only 14% of the top 500 global Cybersecurity providers**, compared to 75% for the Americans, 7% of Israel and 4% Asia.\*

### Regulation establishing the European Cybersecurity Industrial, Technology and Research Competence Centre and the Network of Coordination Centres ([Proposal for a regulation - COM\(2018\)630/988128](#))

- Main instrument to **pool investment in cybersecurity research, technology and industrial development** and to implement related projects and initiatives
- Creates the **European Cybersecurity Industrial, Technology and Research Centre** to manage investments, backed by the **Cybersecurity Competence Network** made up of **National Coordination Centres** (1 per Member State).

\* Source: DG Connect Presentation at ECSO 19.09.2018

# I. Aims of the proposal

## I.2 Main objectives overview

### Managing the cybersecurity funds under the next multi-annual financial framework (2021-2025)

#### INDUSTRY > Digital Europe Program (2021-2025) [EC proposal 2018/0227 \(COD\)](#)

- € 2bn allocated to Cybersecurity which may finance projects through cascade funding managed by newly created Digital Innovation Hubs.
- 5 main domains: (1) High Performance Computing, (2) Artificial Intelligence, (3) Cybersecurity and Trust, (4) Advanced Digital Skills (5) Deployment, best use of digital capacity and interoperability.

#### RESEARCH > Horizon Europe Program - [EC proposal 2018/0225 \(COD\)](#)

- Budget to be defined by the co-legislators to support R&I projects based on 3 pillars
- (1) 'Open Science', (2) 'Global issues and industrial competitiveness' (3) 'Open Innovation'

### Built on the 2016 cPPP on Cybersecurity (ECSO 2014-2020)

- "A solid first step bringing together the research, the industry and public sector communities";
- However "a much larger scale investment" and "a more effective mechanism are needed.\*"
  - cPPP ends as of 2020
  - New structure to be developed / adapted within the new Competence Centre framework\*

\*Explanatory statement of the draft directive

# I. Aims of the proposal

## I.2 Main objectives overview

### **Built on [660 cybersecurity expertise centres from all Member States](#)**

- Eurosmart applied and has been identified as a Cybersecurity Competence Centre.

### **Objectives of the Mechanism**

- Pool, share, and ensure access to existing expertise;
- Co-invest and share costly infrastructures;
- Help deploy cybersecurity products and solutions;
- Ensure long-term strategic cooperation amongst industries, the research community and public entities;
- Help overcome cyber-skill gap.

# 2. The organisation

Cybersecurity Competence Centre, its Network and the National Competence Centres

## 2. The organisation

### 2.1 The European Competence Centre

EUROPEAN CYBERSECURITY INDUSTRIAL,  
TECHNOLOGY AND RESEARCH  
COMPETENCE CENTRE (ECC)

- **Implement** relevant parts of **Digital Europe** and **Horizon Europe** programs by allocating grants (competitive call for proposals);
- **Facilitate** joint investment by the Union, Member States and/or industry.

## 2. The organisation

### 2.2 The Governing Board & the Executive Director



**1 representative per Member State**

(art.11)

**5 representatives form the EU**

- Establish **the budget**, verify its execution, adopt the appropriate financial rules,
- establish **transparent working procedures**, the **work plan** and **multiannual strategic plan**
- Adopt its rules of procedure
- Appoint the **Executive Director** and decide on the extension of the Executive Director's term of office

## 2. The organisation

### 2.3 The Industrial & Scientific Advisory Board



(art. 18)

No more than **16 Members** appointed by the Governing Board from the “Community”

**Representatives from EC – ENISA and the Network** may participate

- Ensure **regular dialogue** with the private sector, consumers’ organisations and other relevant stakeholders.
- Focus on issues relevant to stakeholders and bring them to the attention of the Competence Centre's Governing Board.

## 2. The organisation

### 2.4 The National Coordination Centres



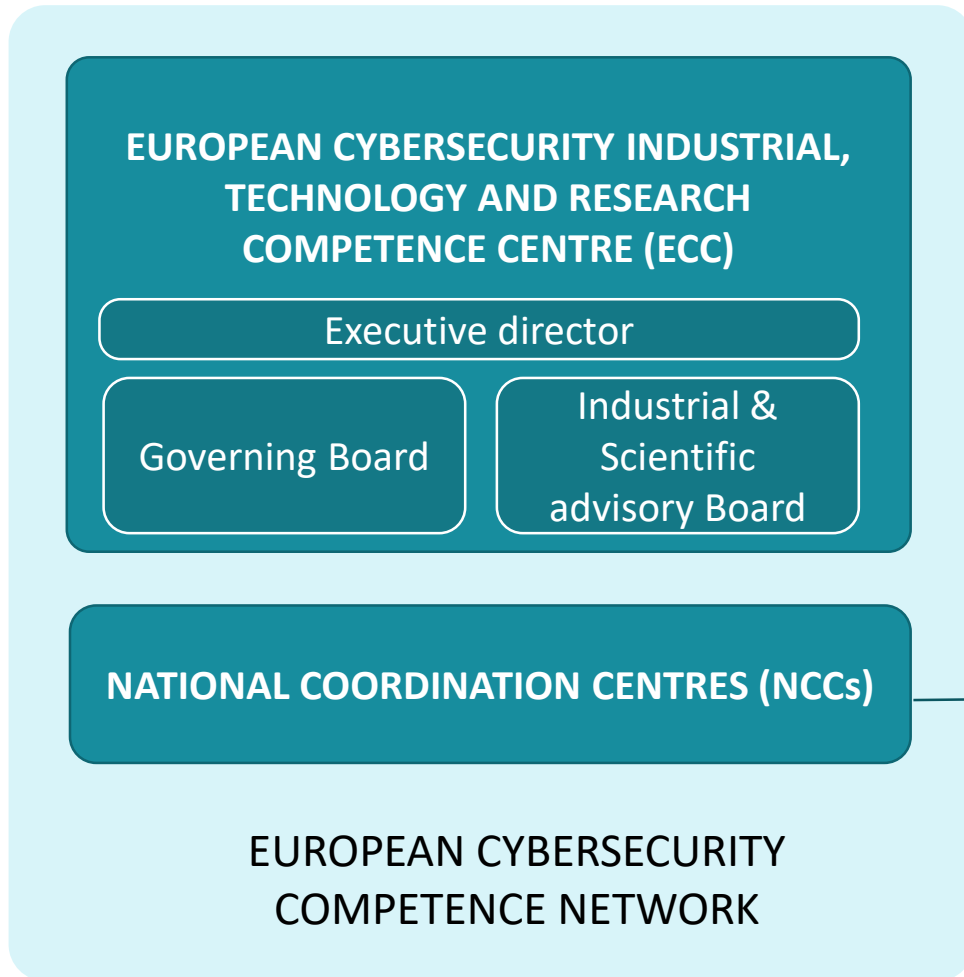
#### 1 per Member State

(art 6.)

- Establish **synergies** with relevant activities at the **national and regional level**;
- Implementing specific actions for which **grants** have been awarded by the Competence Centre;

## 2. The organisation

### 2.5 The European Cybersecurity Competence Network



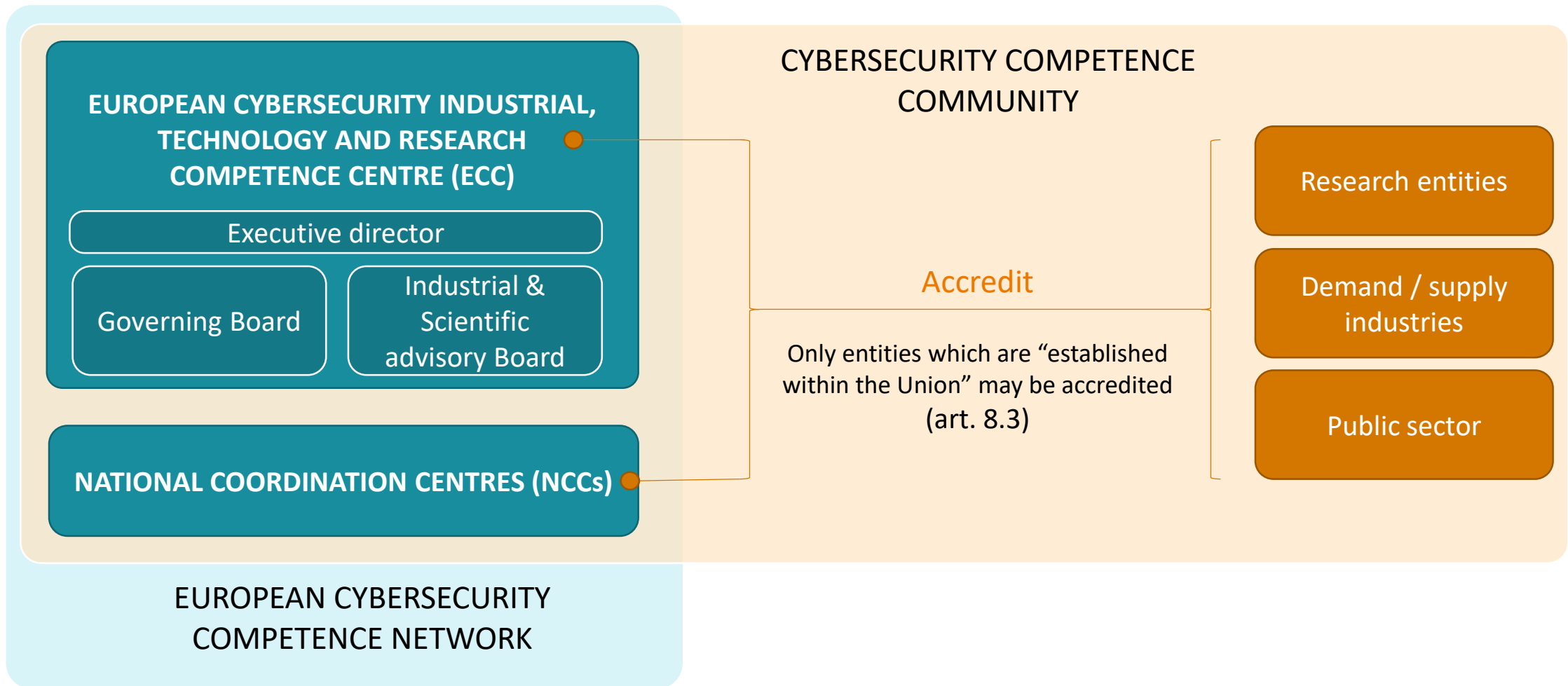
#### 1 per Member State

(art 6.)

- Establish **synergies** with relevant activities at the **national and regional level**;
- Implementing specific actions for which **grants** have been awarded by the Competence Centre;
- The competence Center shall undertake its actions when applicable with **the Network of National Coordination Centers**

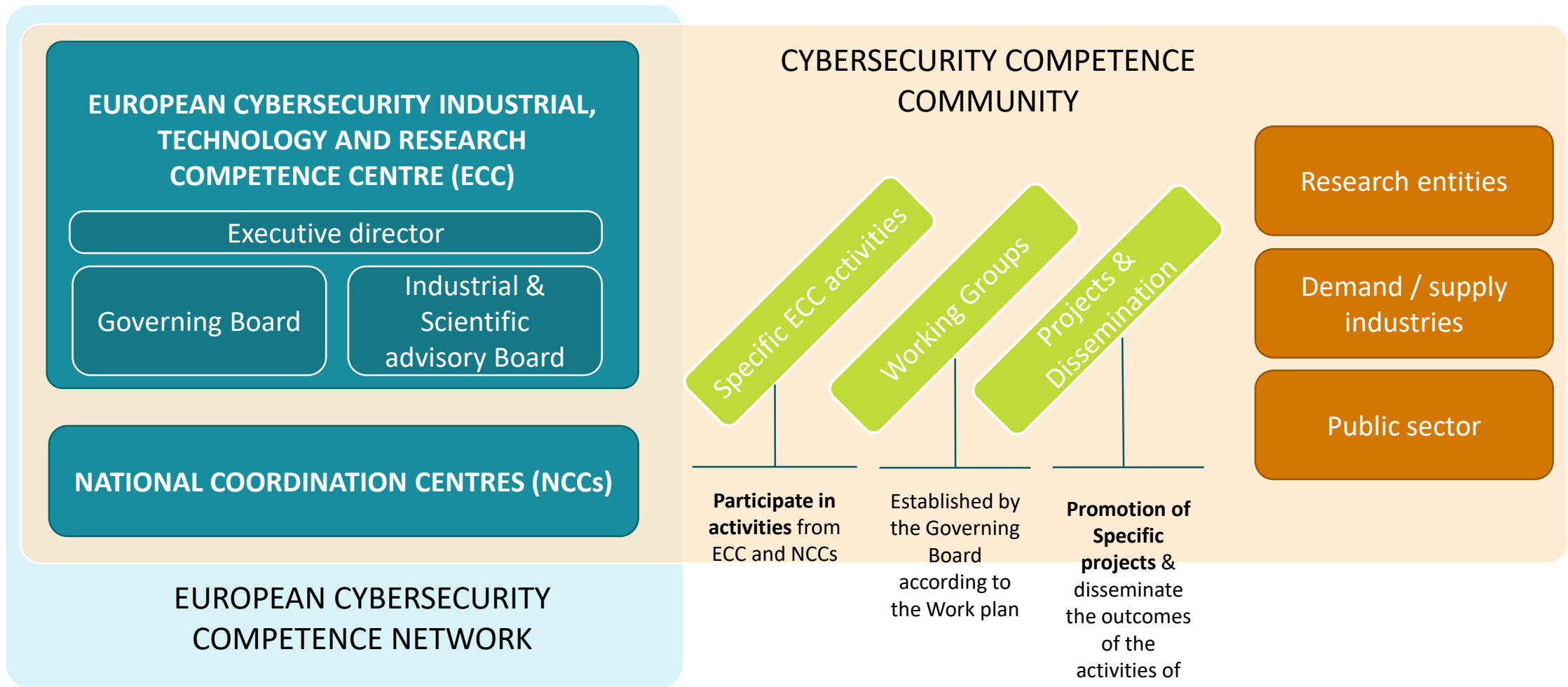
## 2. The organisation

### 2.6 Cybersecurity Competence Community - Members



## 2. The organisation

### 2.7 The Cybersecurity Competence Community- Activities



# 3. The European Cybersecurity Industrial, Technology and Research Competence Centre

Tasks and Objectives, Structure and composition

# 3. The EU Competence Centre

## 3.1 Tasks & objectives (art.4)

- Facilitate and coordinate the work of the Network
- Implement Cybersecurity Part of the **Digital Europe Program** and of the **Horizon Europe Program**.
- Enhance cybersecurity capabilities, knowledge and infrastructures at the service of the Industry/Research/Public sector, having regard to the **State-of-the-Art cybersecurity infrastructure and services**:
  - Making available such infrastructures to a wide range of actors (SMEs incl.)
  - Providing **Cybersecurity knowledge** and technical assistance
  - Stimulating **Cybersecurity research**, supporting large scale projects
  - Supporting R&I for **standardization** in the Cybersecurity
  - Assisting **public authorities in their public procurements**
  - Technical and financial support to SMEs
- Enhance synergies and cooperation between **civil** and **defence spheres**

# 3. The EU Competence Centre

## 3.2 Membership (art.11) Financial contribution (chap. III) & Staff (chap. IV)

### Membership

- Members shall be the European Union represented by the Commission and the Member States, made of
  - A Governing Board (art.13)
  - An Executive Director (art. 16)
  - An Industrial and Advisory Board (art. 20)

### Financial Contributions

- EU Contribution through the administrative costs allocated by the Digital Europe and Horizon Europe programs
  - No extra contribution from the MFF Budget
- Member States contribution – contribute to the **operational and administrative costs** at least at the same amount as the EU funding (art. 22.1)

### Staff

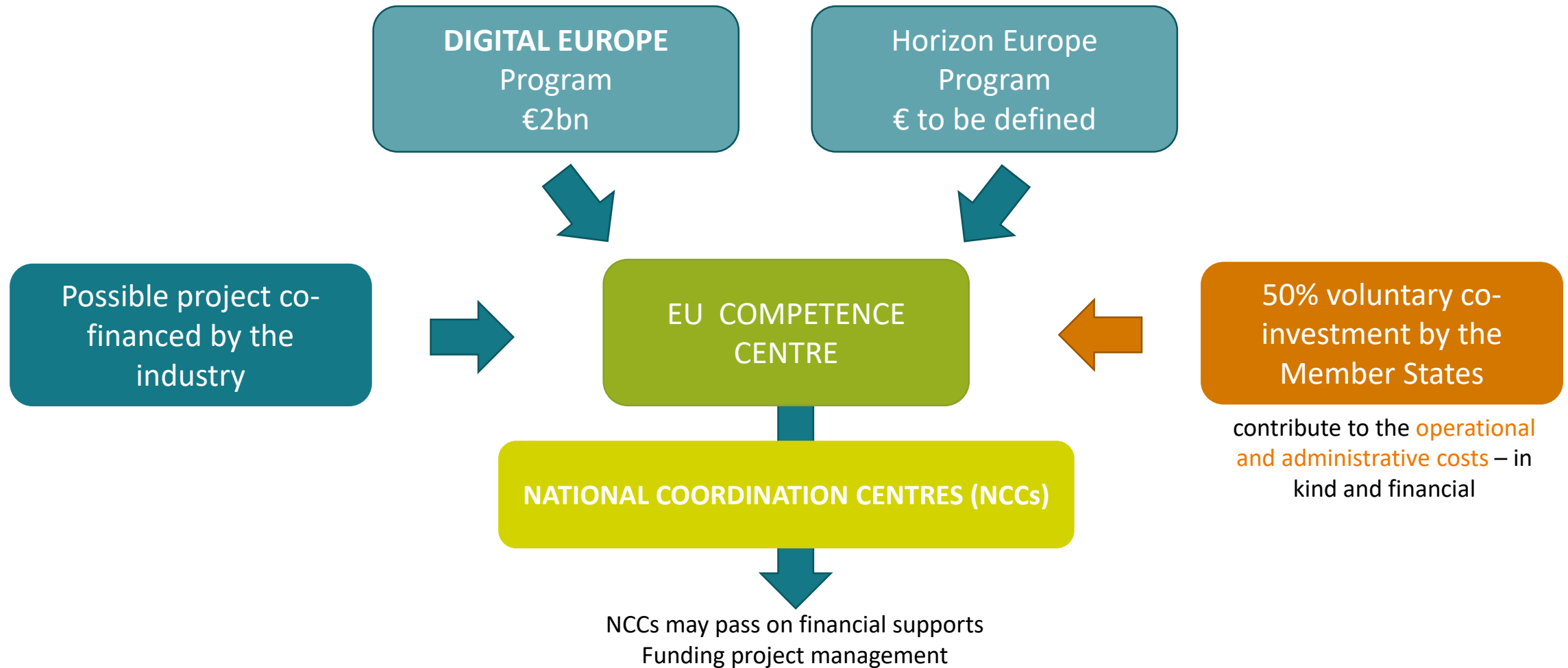
- Temporary staff and contract staff to be borne to the Competence Centre (Assimilation to civil servants).

### Structure (legal basis)

- Not an Executive Agency of the EU but shall be granted the statute of legal entity that shall be recognized in all the Member States.

# 3. The EU Competence Centre

## 3.3 Financial contribution (chap. III)



# 4. The Governing Board

Membership, Financial contribution & Staff

# 4. The Governing Board

## 4.1 Membership (art. II) Financial contribution (chap. III) & Staff (chap. IV)

### Composition

- **1 representative** of each Member States
- **5 representatives** of the Commission on behalf of the EU
- 4 year-term - to be appointed in the light of their “knowledge in the field of technology”

### Tasks

- Strategic orientation of the Centre and adopt its rule of procedure
  - Multi-annual strategic plan
  - Centre’s work plan
  - Financial Rules & annual budget
  - Staff plan
  - Mandate working groups
- **Appoint the criteria and procedure for assessing and accrediting the entities as members of the Cybersecurity Competence Centre.**
- **Appoint and dismiss the Executive director (as a temporary agent of the Centre) – 4 year-term**
- **Appoint members of the Industrial and Scientific Advisory Board**

# 4. The Governing Board

## 4.2 Voting rules (art.15)

### Voting rules

- The Union holds **50% of the voting rights** (indivisible)
  - Every participating Member States (= **which financially contribute as defined in part I**) hold **one vote**
  - Decision are taken by a **double majority procedure**:
    - Majority of at least **75% of all the votes**
    - Majority of at least **75% of the financial contribution**
- The Governing board to agree on the formula of the double majority according to the respective contributions

# 5. Industrial and scientific advisory board

Composition and tasks

# 5. The Industrial and Scientific Advisory Board

## Composition (art.18) & tasks (art. 20)

### Composition

- **No more than 16 Members** appointed by the Governing Board among the representatives of the entities of the Cybersecurity Competence Centre Community.
- **Representatives from EC – ENISA and the Network** may participate
- **3 year-term**
- Procedure to be defined by the Governing Board

### Tasks: Consultative role

- Advise and inputs in drafting **work plan** and **multi-annual strategic plan** which are issued by the governing board
- Organise public consultations with regards to the plans.

# 6. National Coordination Centres

Composition & tasks

# 5. The National Coordination Centres

## Composition (art.18) & tasks (art. 20)

### Composition

- Appointed by the Member States (1/MS) and accredited by the European Commission
- The National coordination Centres Network is made of The NCCs.

### Tasks

- Support the tasks of the Centre in coordinating the Community
- Facilitating cross-border projects
- **Identifying sector-specific cybersecurity industrial challenges**
- National Contact point of the Competence Centre
- Implementing specific actions for which grants have been awarded by the Competence Centre
- Assessing requests from national organisations for becoming part of the Community.

# 6. The Cybersecurity Competence Community

Membership and tasks

# 6. The National Coordination Centres

## Memberships and Tasks

### Membership (art.8)

- Subject to the ECC accreditation + assessment of the related NCC
- **Only entities which are “established within the Union” may be accredited**
- Shall demonstrate their expertise in one of these domains:
  - Research
  - Industrial Development
  - Training and education
- Shall consist in
  - Industry
  - Academic and non-profit organisations
  - Associations
  - Public entities

### Tasks (art.9)

- Support the competence Centre in achieving its missions / participate in activities defined by the Centre.
- Participate in working group established by the Governing board
- Promote actions and disseminate project’s outcomes.

# 7. Next Steps





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