

CYS Next Generation NATIONAL WORKSHOP

4TH MARCH 2024



- Funding by an ERASMUS+ programme under KEY ACTION 2 Small Scale Partnerships
- Identifying the need - underrepresentation of the younger generation in the standardisation community
- IEC, the International Electrotechnical Standardisation Organisation, and DKE, the German Electrotechnical Standards Organisation, have already developed programs specifically tailored for Young Professionals

Inception of the project



Empowering the next generation
in standardization

Workshop Purpose: Empowering the Next Generation in Standardisation

- **Objective:** To bridge the gap between young professionals and the world of standardization, fostering closer ties and greater involvement.
- **Learning:** Learn about the significant role of standardization and its potential benefits for young professionals' careers.
- **Expert Insights:** Gain invaluable insights directly from the German DKE Ambassador, exploring the vast opportunities within standardization activities.



The Outcome

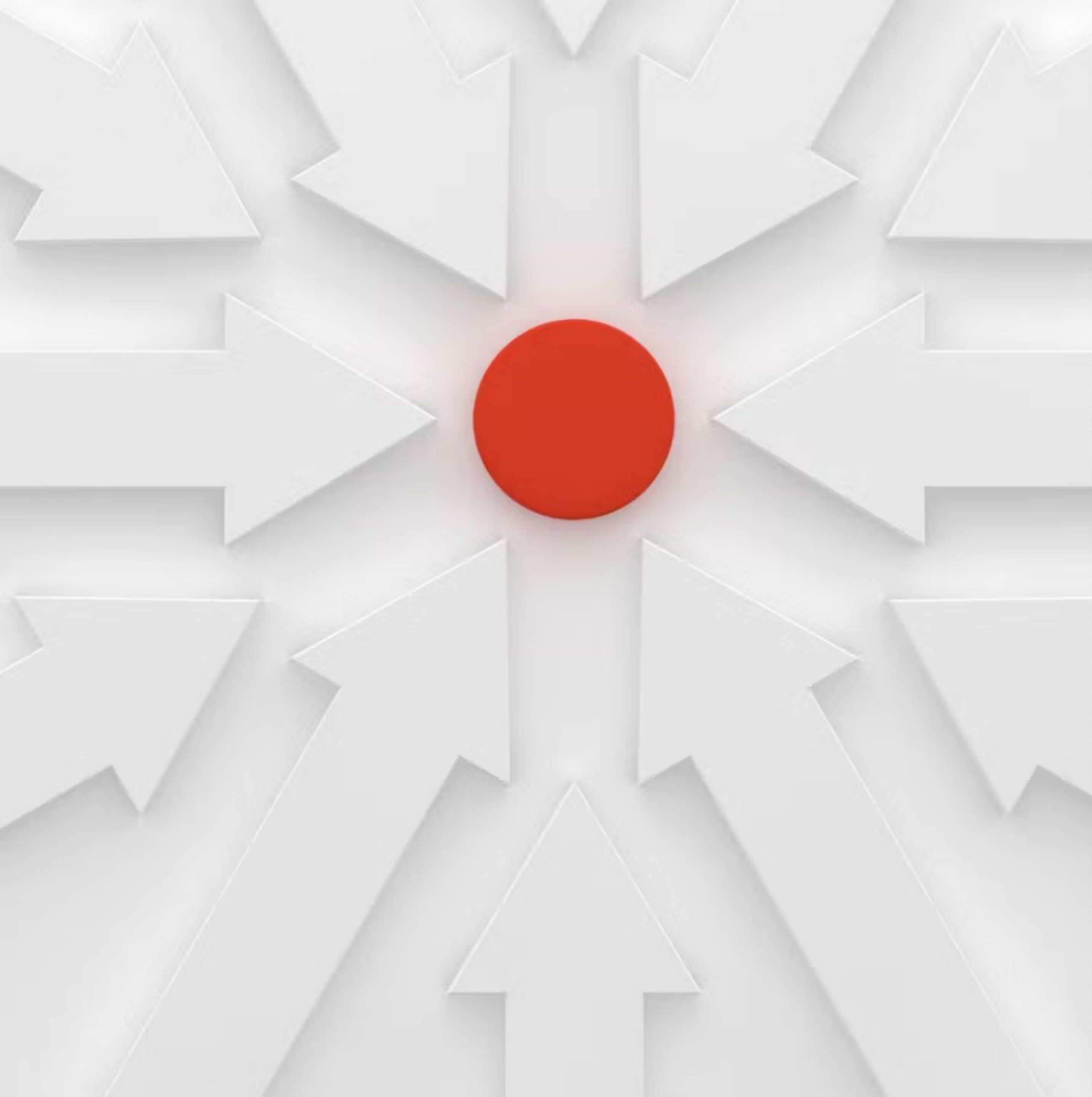
- Share ideas about how CYS can attract the younger professionals
- Develop of a roadmap with future actions
- Build a network
- Involve participants in future standardisation activities at the national, European and International arena



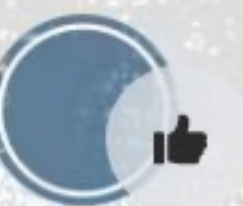
Website

<https://digistanproject.com/>

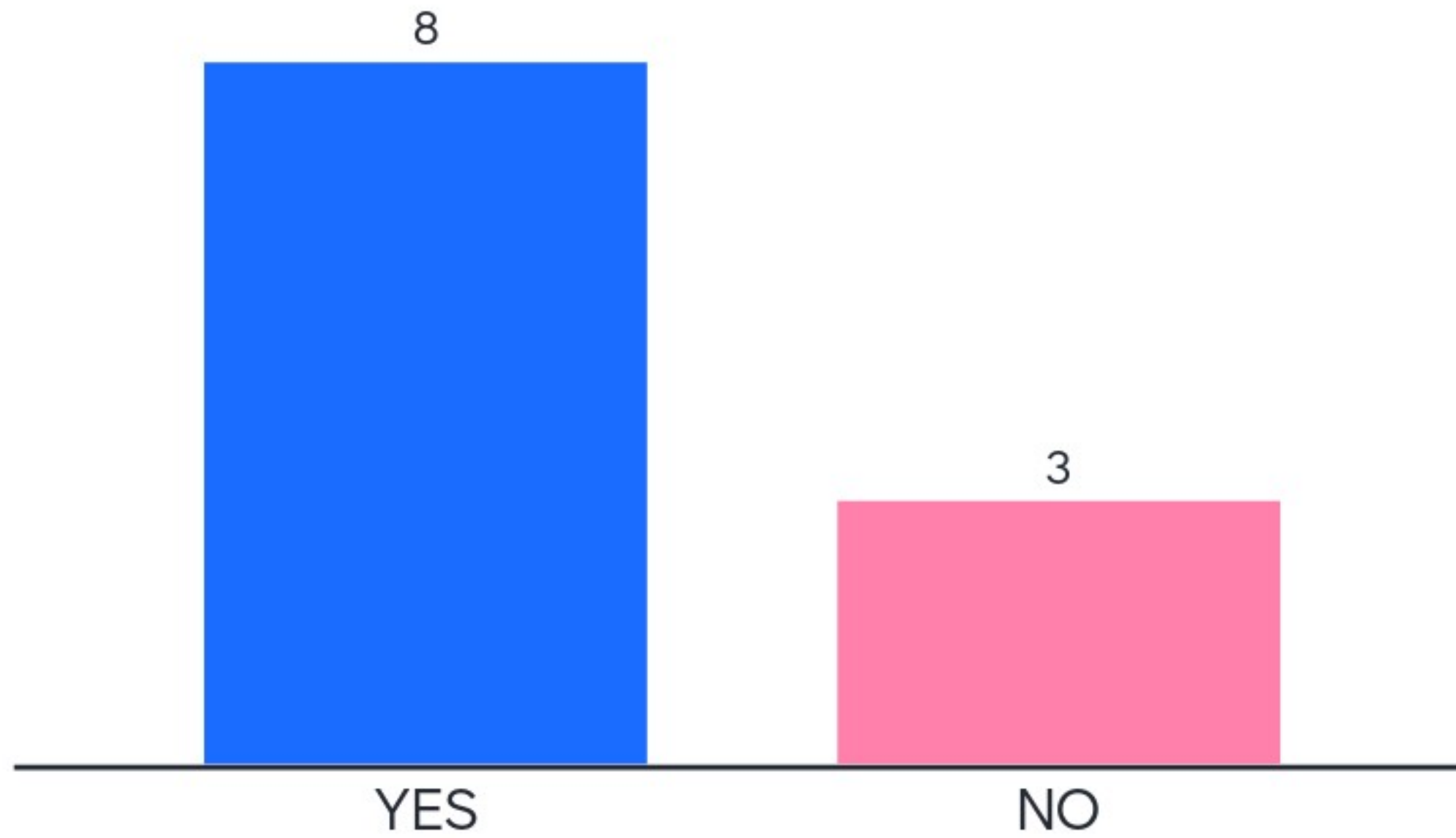




Standardisation and Opportunities



Do you know what a standard is?



What word comes to your mind when you hear the word standard?

ISO

ISO

Quality

Safety

Cys

cyber security

lec

Cys - the best team
ever!!!!



9



What word comes to your mind when you hear the word standard?

Something that remains
the same

Protocol

EU

Iso9001

Quality

Regulations

ISO/BS. A set of
guidance/rules which
organisations have agreed
upon

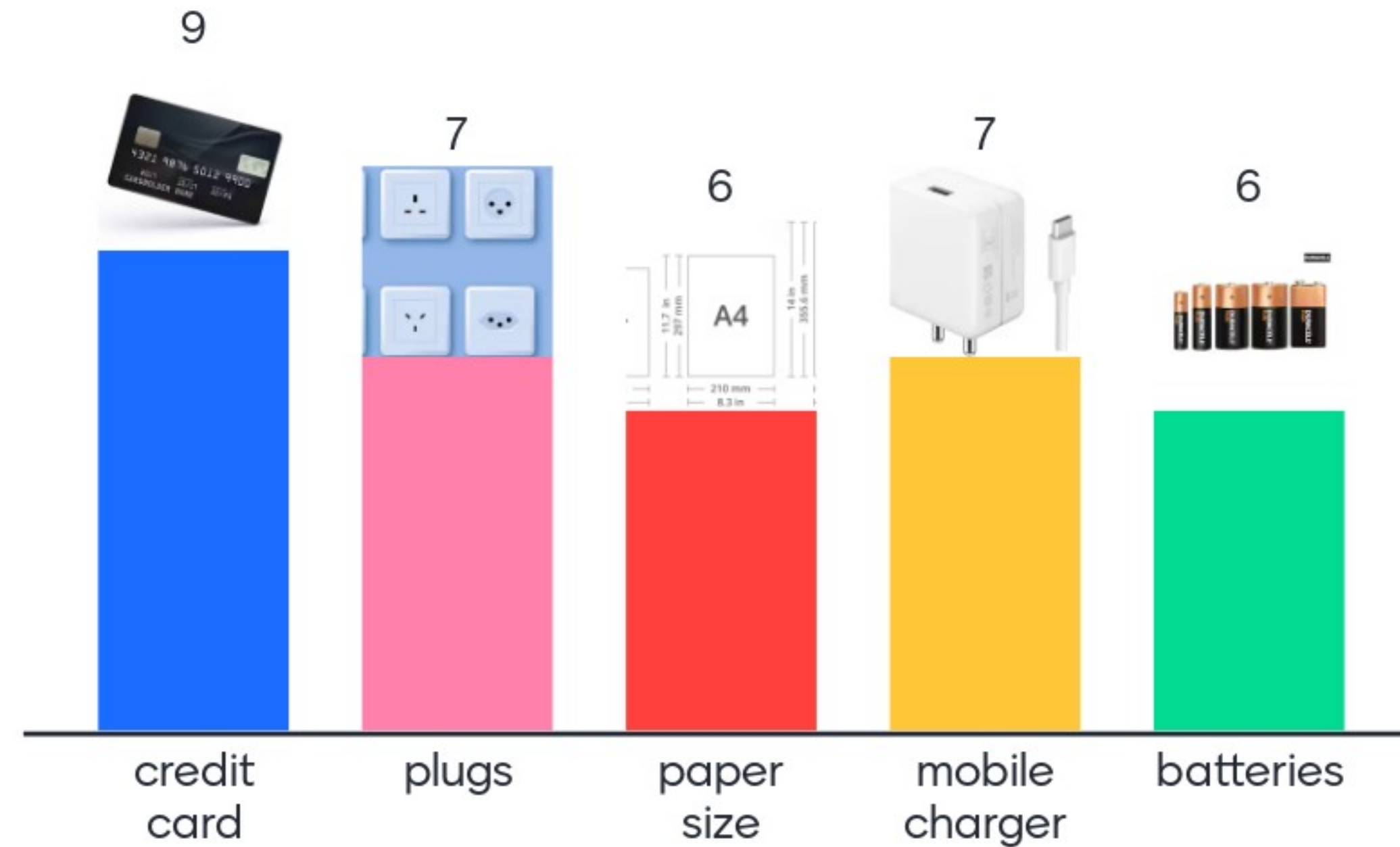
Conformity

Standard

- Is a **technical document** designed to be used as a **rule, guideline or definition**. It is a **consensus-built, repeatable** way of doing something.
- Standards are created by bringing together **all interested parties** such as **manufacturers, consumers and regulators** of a **particular material, product, process or service**. All parties benefit from standardization through increased product **safety** and **quality** as well as lower transaction costs and prices.



Where can you find the implementation of a standard?



What do you think is the main reason to have standards?

Uniformity

6 Popular

Easier transition of utility between countries

5

Safety

4

Quality

4

Safety and quality assurance

3

Conformity

2

Safety

2

Safety

2



10



What do you think is the main reason to have standards?

Easy life

1

Reduce complexity
and increase safety

1

Safety

Safety & quality

Quality



10



Main reasons for European Standardisation



A key instrument for the Single Market



One European Standard replaces 34 national standards



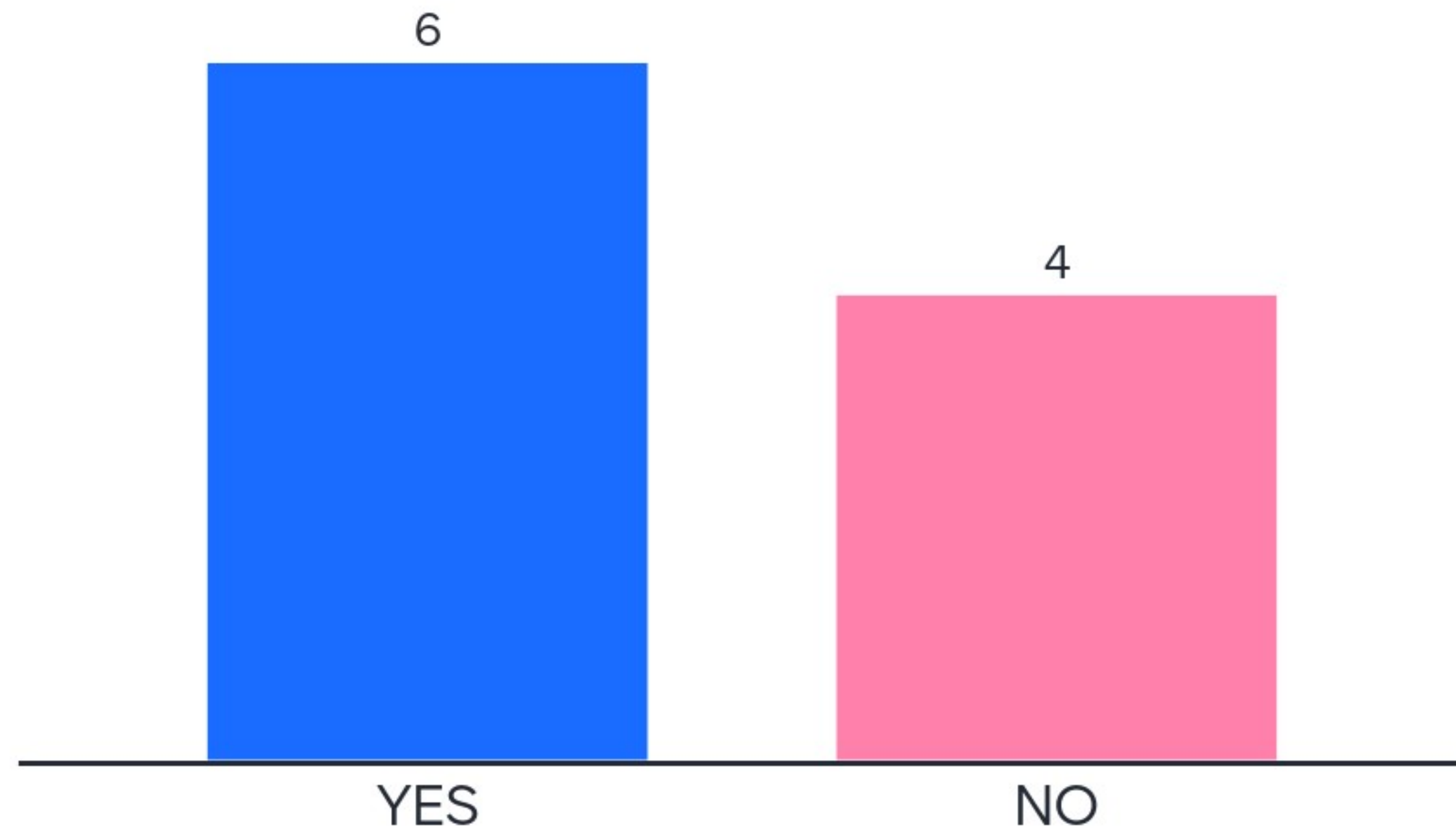
A tool to comply with European legislation



In Cyprus



Have you ever heard about *CYS* before today?

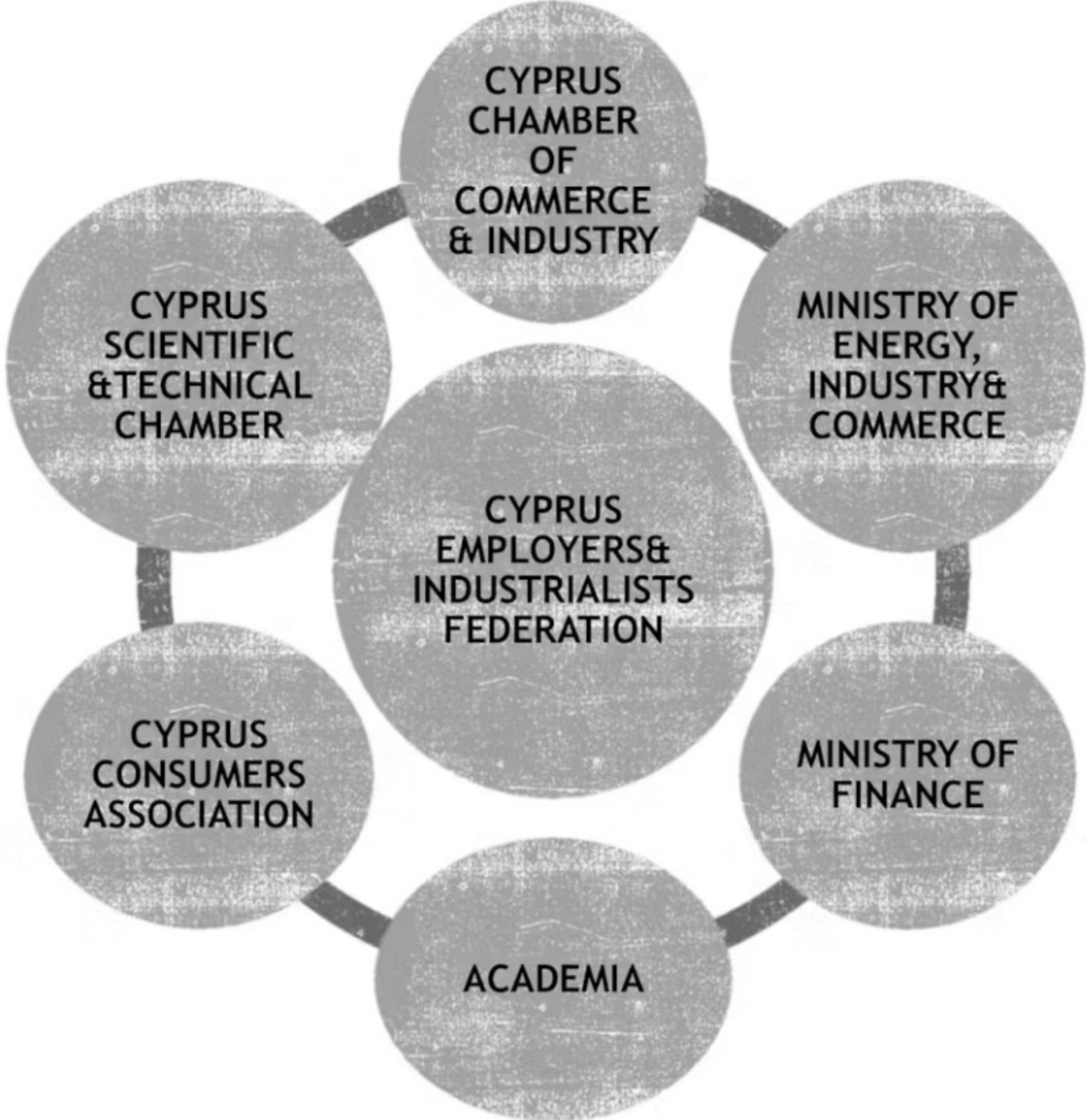




CYS

- Independent, autonomous organisation
- Operates under Private Law
- Recognized as the National Standards Body of Cyprus
- Only shareholder the Ministry of Finance

CYS BOARD OF DIRECTORS



CYS main activities



DEVELOPMENT

Standards

Technical
Specifications



REPRESENTATION

European Technical
Committees

International Technical
committees



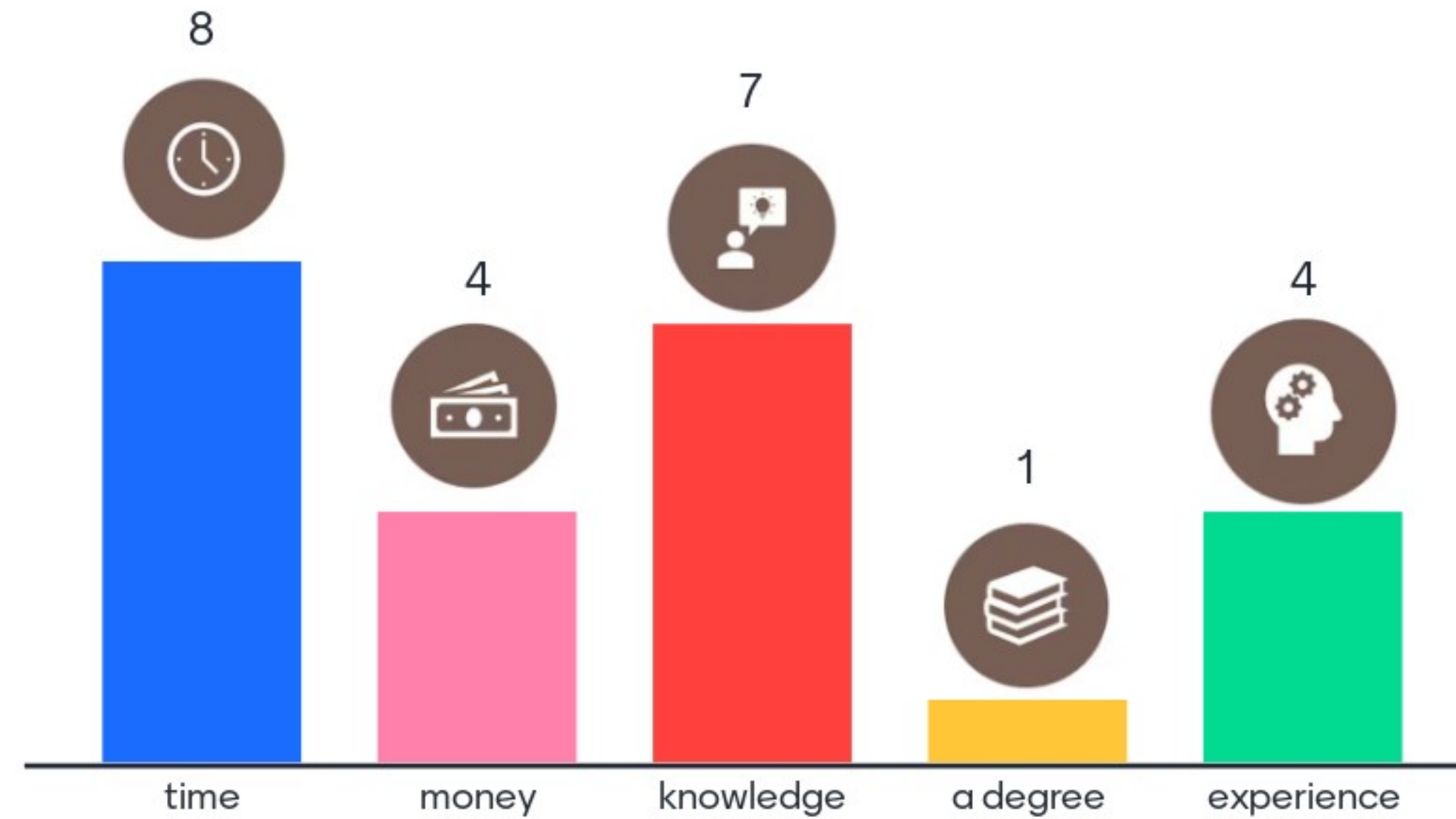
PROMOTION

Training

Lectures

Visits

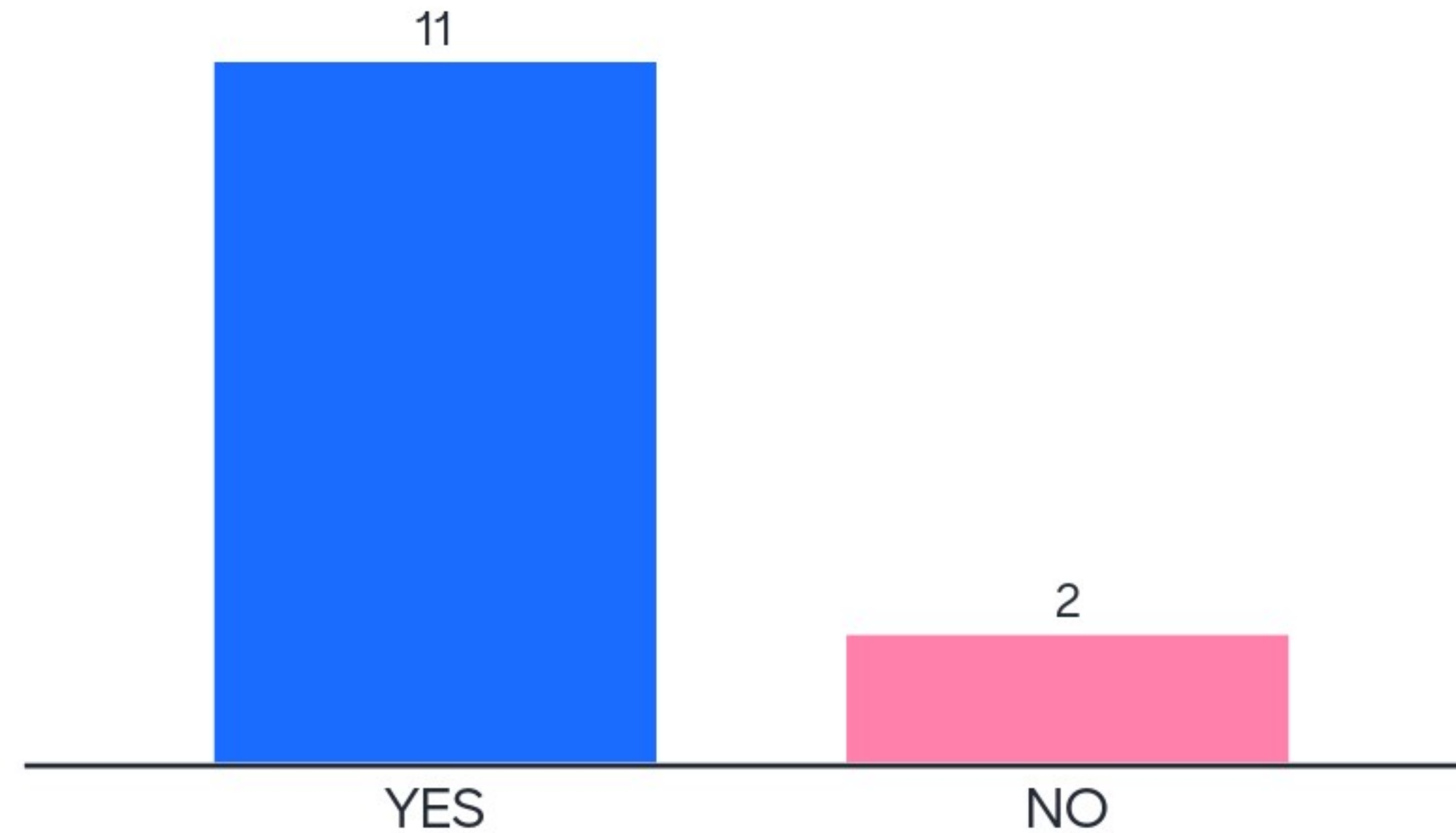
What do need in order to be able to participate in standardisation activities?



WHO CAN APPOINT YOU?

A national standards
body

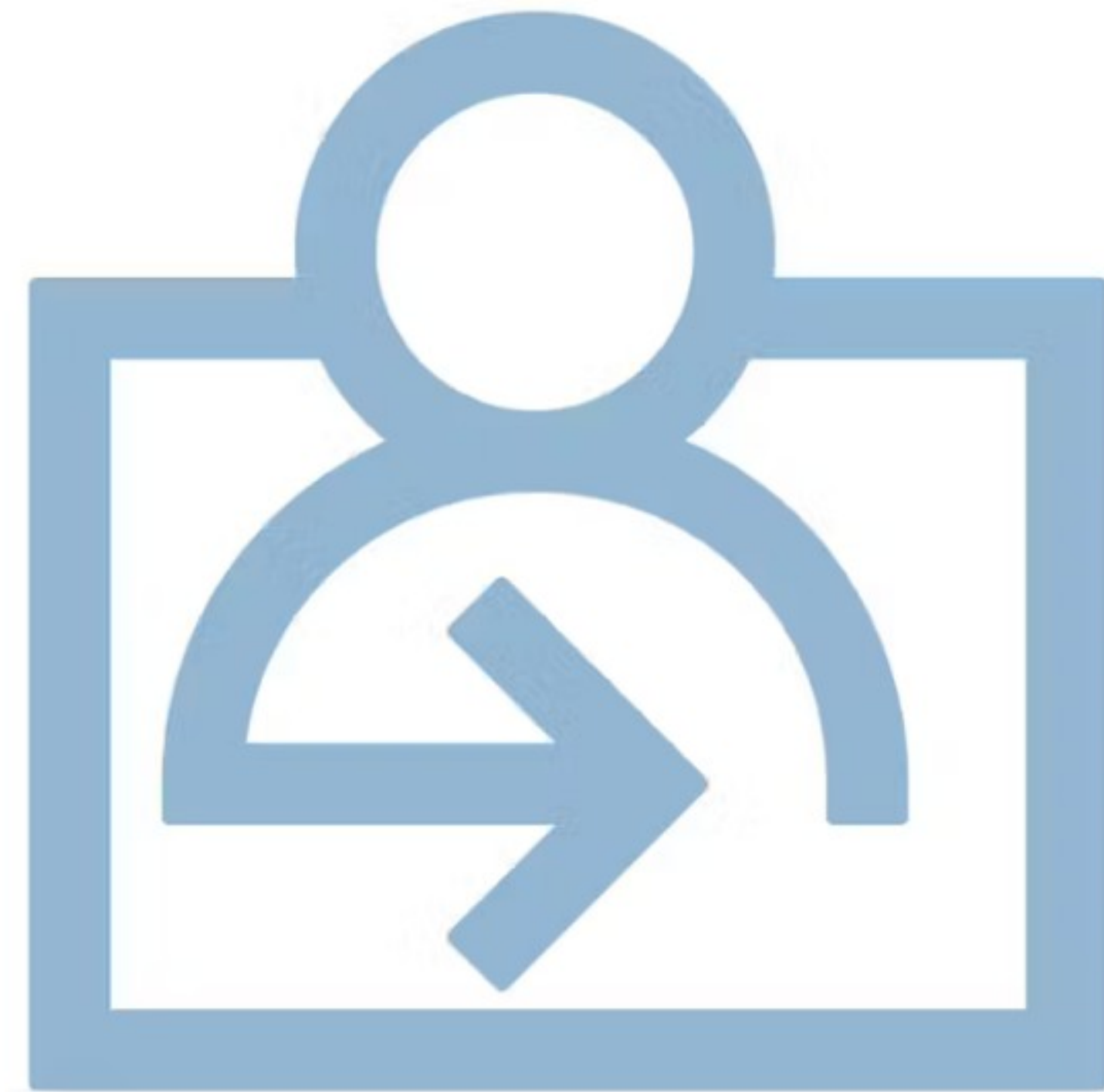
Do you think standardisation can help you in your professional development?



Why standardisation Matters?

Professional Development

- Network with fellow experts from industry and business
- Work with peers across Europe and internationally to shape international best practice
- Keep updated at the latest technical innovations in your field
- Gain a better insight into why a standard has been developed



Why standardisation Matters?

Professional Development

- Gain a greater understanding of the sector and industry trends both at European and international level
- Have the opportunity to shape the standards
- Learn new skills which could help your current job and career development
- Gain a sense of achievement from knowing that you have made things better



How can it help the business?

Knowing what's going to happen beforehand

5 **Popular**

Increase efficiency

4

New knowledge

3

Be a leader in the sector

3

Shape the market

3

New skills and knowledge and how you can make a better world with standadisation

3

Promote our products

2

To increase profit margin

2

How can it help the business?

Connections

2

Implement your
product ideas within a
standard

1

Recognition

1

Be efficient

1

Learn from the best

1



Influence the development of standards in your sector



Keep updated about the latest innovation and market trends in your sector



Gain trust amongst your business partners and customers



Establish cooperation with other players in the field

**WHY
STANDARDISATION
MATTERS?**

**BUSINESS
LEVEL**





MIRROR COMMITTEES

Monitor the work

Represent and develop the National position on European and International DRAFT Standards



NATIONAL TECHNICAL COMMITTEES

Develop national standards, specifications etc



EUROPEAN AND INTERNATIONAL TECHNICAL COMMITTEES

Participates actively in the TC
Votes the documents
Attend the meetings of the TC

Getting involved...





Joining a Mirror Committee



Joining a National Committee



Being involved in a European
or International Technical
Committee

**WHAT
OPPORTUNITIES
DO YOU SEE FOR
YOURSELF?**



Which principle do you think is most important in standardisation?

Consensus

Consensus

Consensus from all

Openness and relevance

Openness

Openness

Relevance

Impartiality

Which principle do you think is most important in standardisation?

Openness

Consensus

Consensus

Basic principles of standardisation

Voluntary activity

Consensus

Transparency

Accessibility

Integrity

Efficiency

Coherence at European and International level



- Standardisation is not an easy task
- It takes time and effort
- But the result is accepted by ALL stakeholders

ONE standard for the European market

ONE standard for the Global market

Understanding the Standards Development Cycle





Understanding the Standards Development Cycle



How can you benefit by taking part?

Networking

9 Popular

Close to new technologies

5

Job opportunities

4

Personal development

4

Knowledge

3

Get knowledge and experiences

2

Enhancement of PD
Boost employability level

2

Make contacts

1

How can you benefit by taking part?

New opportunities

1

knowledge

Learn new regulations

1



6





Meet and interact with experts in your field of expertise



Cooperation with organisations and businesses



Build a network with experts at the European and International arena



Get involved in funding European and International projects



Continuous learning opportunities

Networking Opportunities



Through CYS....



CEN sectors



CHEMICALS



CONSTRUCTION



CONSUMER



DEFENCE AND SECURITY



DIGITAL SOCIETY



ENERGY AND UTILITIES



FOOD AND AGRICULTURE



HEALTHCARE



HOUSEHOLD APPLIANCES
AND HVAC



MECHANICAL AND
MACHINES



MINING AND METALS



OCCUPATIONAL HEALTH
AND SAFETY



SERVICES



TRANSPORT AND
PACKAGING



EUROPEAN LABELS



CENELEC sectors



ACCUMULATORS, PRIMARY
CELLS AND PRIMARY
BATTERIES



DEFENCE AND SECURITY



DIGITAL SOCIETY



ELECTRIC MOTORS AND
TRANSFORMERS



ELECTRIC EQUIPMENT AND
APPARATUS



ELECTRONIC,
ELECTROMECHANICAL AND
ELECTROTECHNICAL
SUPPLIES



ELECTROTECHNOLOGY
GENERAL



ENERGY AND UTILITIES



HEALTHCARE



HOUSEHOLD APPLIANCES
AND HVAC



INSULATED WIRE AND
CABLE



LIGHTING EQUIPMENT AND
ELECTRIC LAMPS



LOW VOLTAGE ELECTRICAL
EQUIPMENT AND
INSTALLATIONS



MECHANICAL AND
MACHINES



OCCUPATIONAL HEALTH
AND SAFETY



TRANSPORT AND
PACKAGING



We are at the Heart of Digital & Driving Innovation

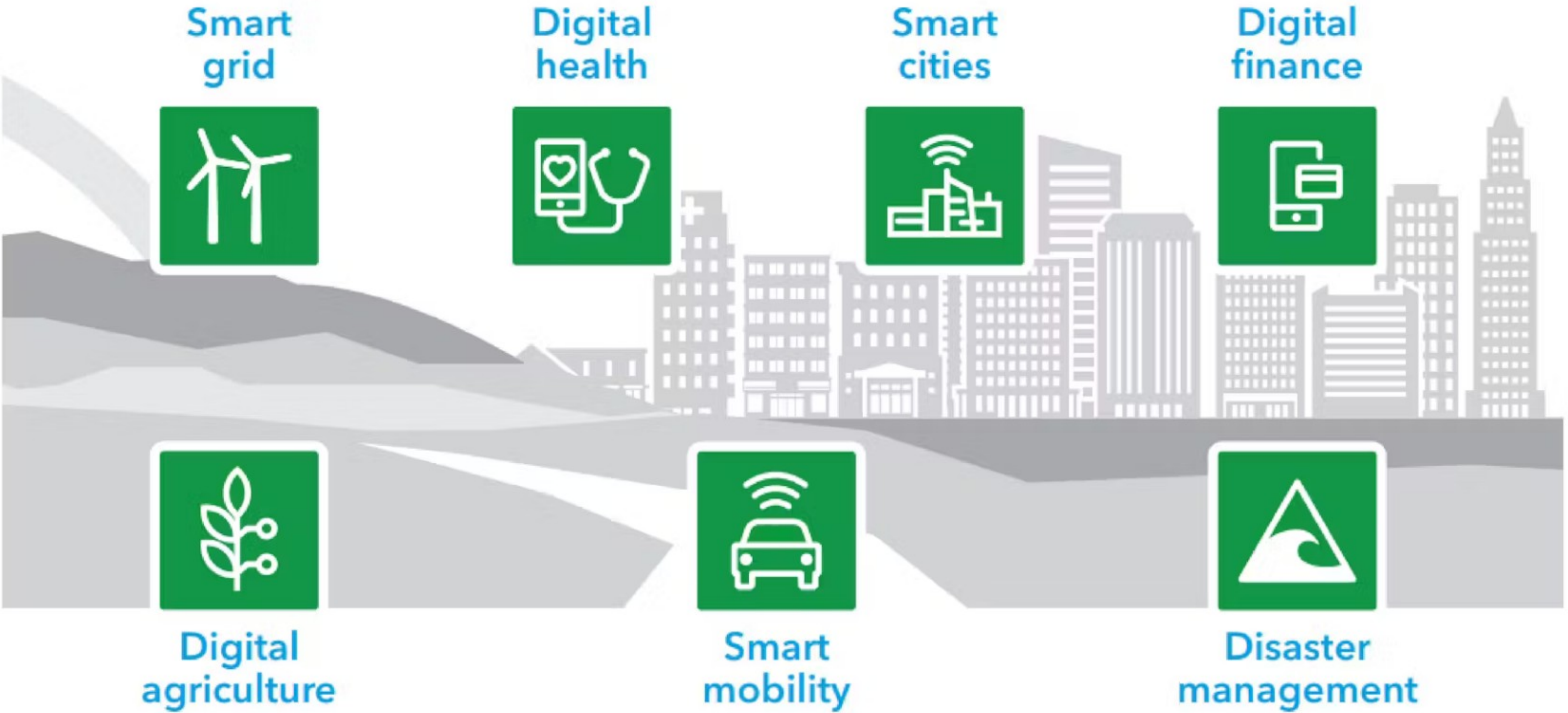
ETSI Members shape:

- ✓ 5G
- ✓ Internet of Things
- ✓ Cybersecurity
- ✓ Network Virtualization
- ✓ Artificial Intelligence
- ✓ Multi-access Edge Computing
- ✓ Blockchain
- ✓ Quantum Safe Cryptography
- ✓ Radio
- ✓ ...and many others





DIGITAL TRANSFORMATION



In Cyprus

...this is the standardisation system



CYS Mirror Committees

...more than 100 committees

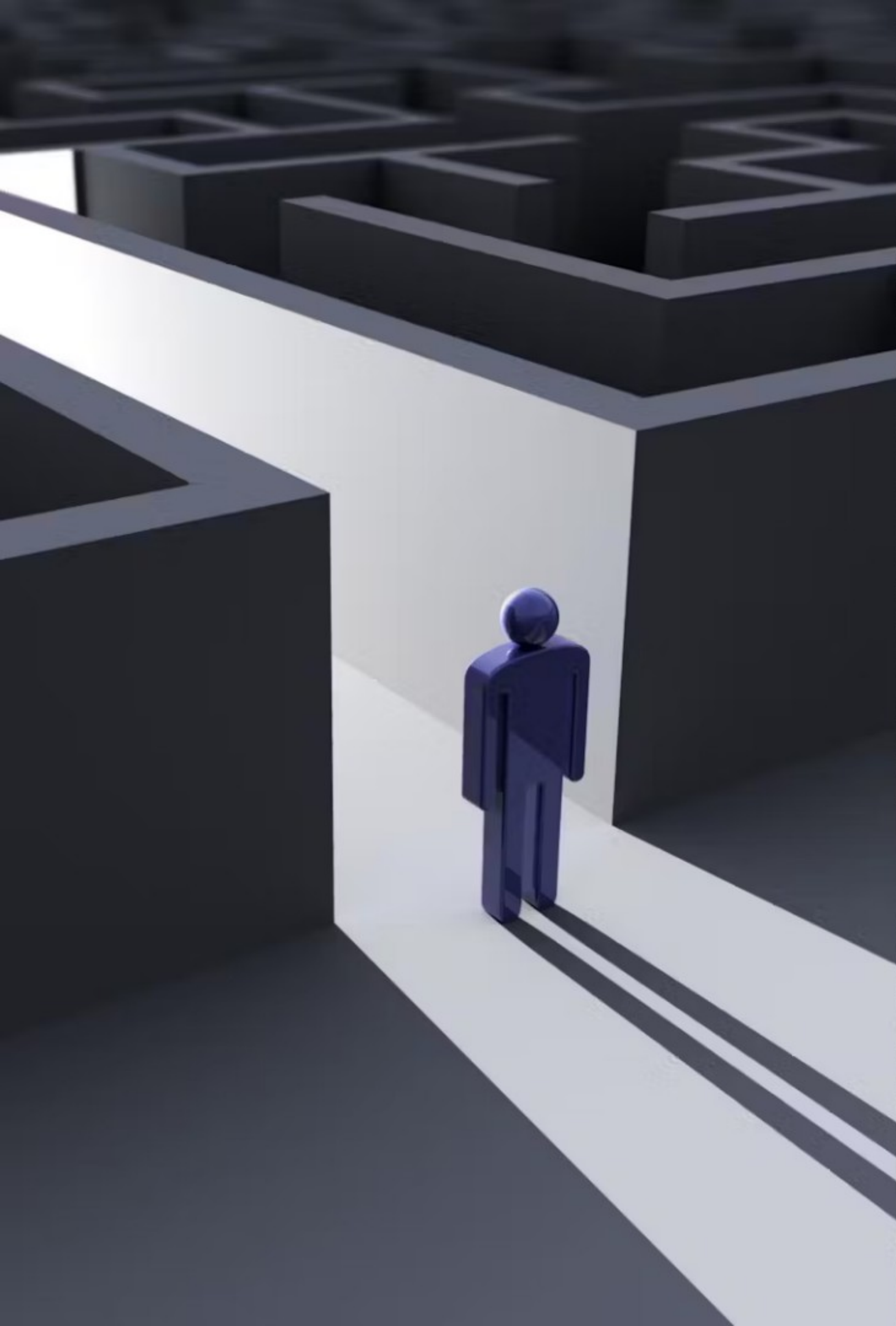
- 01 Agriculture, Food and Feed
- 02 Chemicals
- 03 Construction and Buildings
- 04 Electrotechnical
- 05 Energy
- 06 Environment
- 07 Healthcare
- 08 Information Communication Technologies
- 09 Management, Quality and Conformity Assessment
- 10 Mechanical and Machines
- 11 Occupational and Consumers Health & Safety
- 12 Physical Security and Fire Safety
- 13 Services
- 14 Sustainability



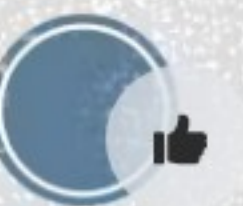
CYS National Technical Committees

- CYS/TC 02 Aggregates
- CYS/TC 06 Concrete
- CYS/TC 08 Plastic piping systems
- CYS/TC 13 Solar Thermal Systems
- CYS/TC 14 Precast Concrete Products
- CYS/TC 17 Asphalt Concrete
- CYS/TC 18 Eurocodes
- CYS/TC 20 Doors and Windows
- CYS TC 22 Hydrocarbons
- CYS TC 23 Translation and Adoption of the BS 7671
- CYS TC 25 Fythkiotiko Yfanto
- CYS TC 26 Circular Plastic Products
- CYS TC 27 Climate neutrality – Carbon sequestration from tree planting
- CYS TC 28 Mountaineering and Hiking Trails
- National Project Committee Beauty Salons





**The opportunities are endless
when joining standardisation...**





Thanks for your patience!

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Standards Officer

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