



CEPIS

CELEBRATING
30 YEARS

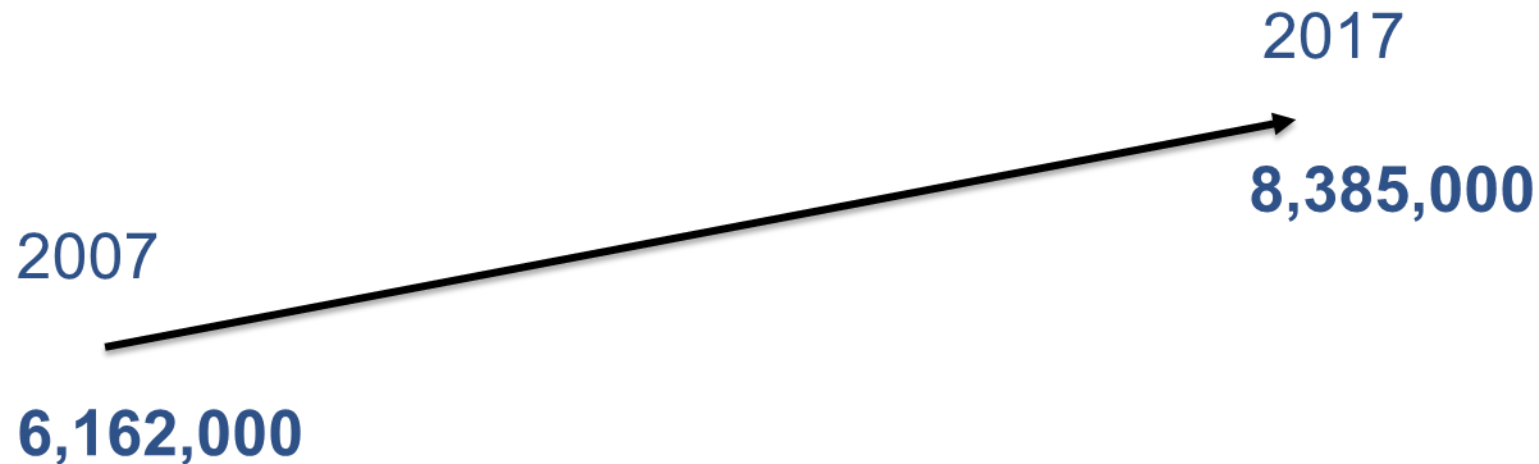
 **IT Professionalism**
Europe

Competent and careful. Recognised and respected.

Initiatives in promoting IT professionalism across Europe

Austeja Trinkunaite
Secretary General
CEPIS and ITPE

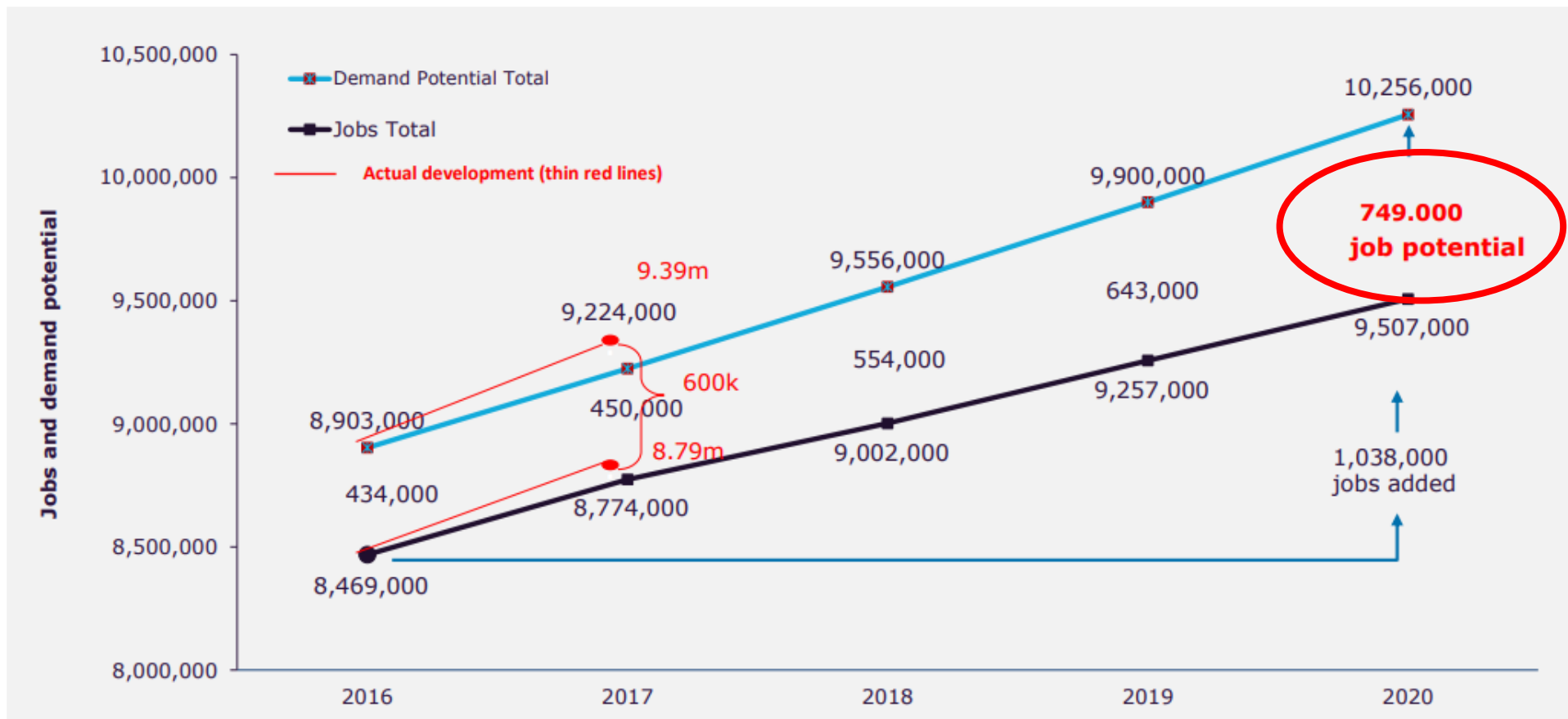
Employment of ICT specialists in Europe



> 10 times higher

**than the average growth rate of total
employment!**

ICT professional skills gap in EU by 2020



Source: IDC and empirica, 2018.

"Facebook Sued
by District of
Columbia over
Cambridge
Analytica"

New York Times

"Volkswagen
America's CEO
blames software
engineers for
emissions
cheating
scandal"

The Verge

"60% of small
companies that
suffer a cyber
attack are out of
business within
six months"

The Denver Post



4 Pillars of IT Professionalism

Body of Knowledge

A Body of Knowledge defines the essential knowledge for a profession.



Competences

A framework for competences in IT helps professionals understand the competences they need.



Education & Training

Giving tomorrow's IT professionals the skills they need will ensure the future of the profession and the success of the European economy.



Professional Ethics

The conduct of IT professionals is a defining aspect of professionalism. ITPE supports a consistent approach to ethics in the IT profession.





- The e-CF is a **reference framework** of competences of IT professionals
- The e-CF is a **common language** used by HR, IT and business to describe IT competences
- The e-CF is a **European standard**



European Committee for Standardization

 IT Professionalism
Europe

Competent and careful.
Recognised and respected.

- Responsible for developing standards at European level
- Contributes to creation of a common European market
- All national CEN members must adopt the developed standard

CEN/TC 428 - ICT Professionalism and Digital competences

General Work programme Published Standards

EN FR DE

CEN/TC 428 Scope

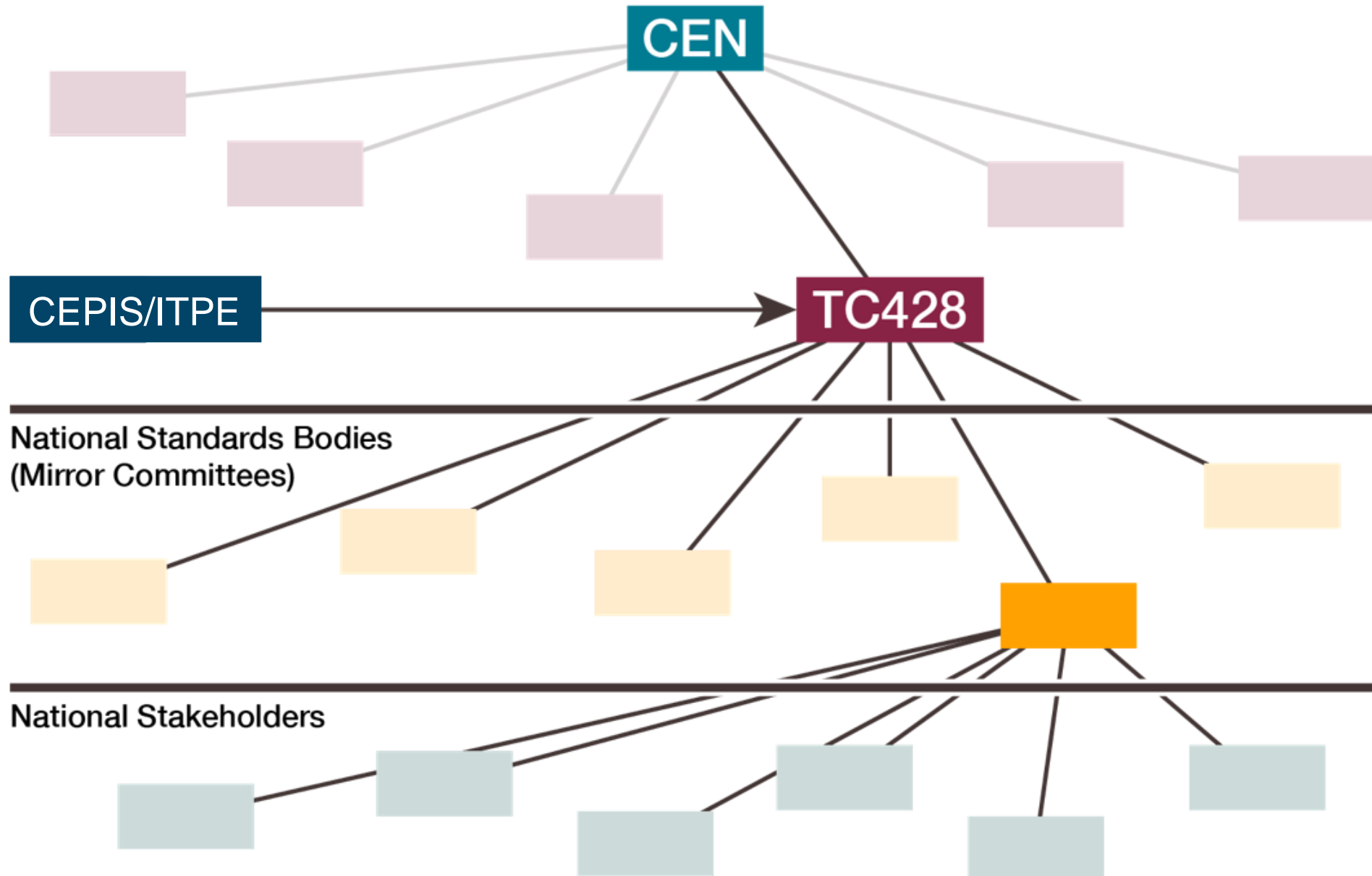
CEN TC 428 is responsible for all aspects of standardization related to maturing the ICT Profession in all sectors, public and private. This includes, at a minimum, activity related to four major building blocks of ICT Professionalism: (1) competences (standardization of a common language of digital and ICT Professional competences, skills and knowledge applied in all domains), (2) education and certification, (3) Code of Ethics and (4) Body of Knowledge (BoK). The main areas of standardization where CEN TC 428 will develop its activity are as follows: o Definition, maintenance and evolution of digital Professional competences in all sectors, always looking at current business adoption and new emerging technologies and trends as they become relevant to the ICT profession as a whole (e.g. security, fintech, cloud, blockchain) o Interaction with different frameworks o Curricula guidance o ICT Professional Role Profiles o Guidance for assessing the published standards o Body of Knowledge (BoK) for ICT o Development of an education and certification model related to e-CF, o Developing a sustainable code of ethics in the ever changing ICT world. All conceptual developments shall be consistent and interrelated.

Further information

CEN Technical Secretariat(s)	UNI
CCMC Programme Manager	Kohler Constant
Activity sector	Expertise Services

TC Electronic Platform

Platform	
----------	---



Getting involved – National Standard Bodies

List of CEN members:

<https://standards.cen.eu/dyn/www/f?p=CENWEB:5>

CEN Members

Acronym	Country	Organization	Website
ASI	Austria	Austrian Standards International - Standardization and Innovation	www.austrian-standards.at
NBN	Belgium	Bureau de Normalisation/Bureau voor Normalisatie	www.nbn.be
BDS	Bulgaria	Bulgarian Institute for Standardization	www.bds-bg.org
HZN	Croatia	Croatian Standards Institute	www.hzn.hr

Getting involved – IT Professionalism Europe

- ITPE is a network of stakeholders committed to the advancement of IT professionalism in Europe.
- Public and private sector experts from critical IT domains, including policy, standards, HR and IT management, education, training and other.
- <https://www.itprofessionalism.org/join>



Competent and careful. Recognised and respected.



CEPIS

CELEBRATING
30 YEARS

 **IT Professionalism**
Europe

Competent and careful. Recognised and respected.

Thank you

austeja.trinkunaite@cepis.org