



Competent and careful. Recognised and respected.

ITPE Activities and Progress

Austeja Trinkunaite
Secretary General

IT Professionalism Europe (ITPE) is a network of stakeholders committed to the advancement of IT professionalism.

The network includes public and private sector experts from critical IT domains, including policy, standards, HR and IT management, as well as education, training and other service providers that support IT professionalism.



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What is IT Professionalism?

IT Professionalism is the development, promotion and adoption of common **professional practices** and **professional standards** by the IT workforce.

IT Professionalism emphasises **competent** and **careful** individual practice and collective action to develop an IT profession that is **recognised** and **respected**.

While trying to get more IT professionals to the European workforce, is critical that the focus on **quantity** is matched by a shared commitment to the **quality** of the IT workforce.

IT Professionals

- **Competent** with strong technical, professional and interpersonal skills, and are committed to a process of continuous learning and professional development.
- **Careful** in their work, acting with integrity and honesty, guided by best practice, with due regard for the impact of their work on individuals, organisations and society.

IT Profession

The goal is to build a European IT Profession that is **recognised** and **respected**.

- highly-skilled, innovative and adaptable.
- committed, ethical and accountable.
- welcoming, inclusive and diverse.
- deliver for all Europeans.

What does ITPE do?

Expert Groups

- Digital Competence Expert Group
- Professional Ethics Expert Group
- e-CF User Community

Advocacy

- Liaison with EU institutions and CEN/TC 428

Information sharing

- Providing a platform for sharing best practice
- Networking with key partners

Resources

- Curated content
- e-CF Training

e-Competence Framework (e-CF)

- 41 competences
- Covers full IT business processes
- Includes transversal aspects:
 - Accessibility
 - Ethics
 - ICT Legal Issues
 - Privacy
 - Security
 - Sustainability
 - Usability
- Official standard number: EN16234-1:2019

Dimension 1 5 e-CF areas	Dimension 2 41 e-Competences identified	Dimension 3 5 e-Competence proficiency levels				
		e-1	e-2	e-3	e-4	e-5
A. PLAN	A.1. Information Systems and Business Strategy Alignment					
	A.2. Service Level Management					
	A.3. Business Plan Development					
	A.4. Product/Service Planning					
	A.5. Architecture Design					
	A.6. Application Design					
	A.7. Technology Trend Monitoring					
	A.8. Sustainability Management					
	A.9. Innovating					
	A.10. User Experience					
B. BUILD	B.1. Application Development					
	B.2. Component Integration					
	B.3. Testing					
	B.4. Solution Deployment					
	B.5. Documentation Production					
	B.6. ICT Systems Engineering					
C. RUN	C.1. User Support					
	C.2. Change Support					
	C.3. Service Delivery					
	C.4. Problem Management					
	C.5. Systems Management					
D. ENABLE	D.1. Information Security Strategy Development					
	D.2. ICT Quality Strategy Development					
	D.3. Education and Training Provision					
	D.4. Purchasing					
	D.5. Sales Development					
	D.6. Digital Marketing					
	D.7. Data Science and Analytics					
	D.8. Contract Management					
	D.9. Personnel Development					
	D.10. Information and Knowledge Management					
	D.11. Needs Identification					
E. MANAGE	E.1. Forecast Development					
	E.2. Project and Portfolio Management					
	E.3. Risk Management					
	E.4. Relationship Management					
	E.5. Process Improvement					
	E.6. ICT Quality Management					
	E.7. Business Change Management					
	E.8. Information Security Management					
	E.9. Information Systems Governance					

ITPE website – one-stop-shop for all IT professionalism related information



Resource Library

ITPE curates relevant content on IT professionalism in Europe and beyond. The ITPE website is a reference point for standards documentation, reports, project information, case studies, national contact points on IT professionalism.

e-CF Training

Reports & Publications

e-CF based products and services

Try it out – e-CF Explorer

The e-CF Explorer is available now!

Browse the European e-Competence Framework (e-CF) with our new, free interactive user tool. Users of the tool can select roles and view the levels and competency descriptions and will be able to create his/her own custom profile.

The e-CF Explorer is part of our pledge to the Digital Skills and Jobs Coalition.

[SEE MORE](#)



The tool is free and user-friendly

DATA SPECIALIST		Create PDF				
Dimension 1	Dimension 2	Dimension 3				
		e-1	e-2	e-3	e-4	e-5
Plan	A.6. Application Design	Green	Green	Yellow	Grey	Grey
Enable	D.10. Information and Knowledge Management	Grey	Grey	Green	Yellow	Green
Manage	E.6. ICT Quality Management	Grey	Green	Green	Yellow	Grey
	E.8. Information Security Management	Grey	Green	Green	Yellow	Grey

The e-CF Explorer is an initiative of IT Professionalism Europe (ITPE) with the aim to increase visibility and accessibility of the e-Competence Framework. It is part of ITPE's pledge to the Digital Skills and Jobs Coalition to promote this European standard to different users across the EU.

Sources: CEN/TC 428, the 'e-Competence Framework' - EN 16234-1:2019, 2019 and CEN Workshop agreement, 'European Professional Role Profiles', CWA 16458-1, 2018. IT Professionalism Europe - www.itprofessionalism.org 'IT Professionalism Europe'.

DATA SPECIALIST

Close Window

Summary:	Ensures the implementation of the organisations data management policy.		
Mission:	Ensures asset protection through the provision of clean, consistent, quality assured data. Maintains the integrity of data, stores and searches data and supports presentation of data analysis.		
Deliverables	Accountable	Responsible	Contributor
	<ul style="list-style-type: none"> ICT Quality Policy (data) 	<ul style="list-style-type: none"> Data Protection Policy Data Model 	<ul style="list-style-type: none"> Data Analytics

A.6. Application Design

Analyses, specifies, updates and makes available a model to implement applications in accordance with IS policy and user/customer needs. Selects appropriate technical options for application design, optimising the balance between cost and quality. Designs data structures and builds system structure models according to analysis results through modelling languages. Ensures that all aspects take account of interoperability, usability, accessibility and security. Identifies a common reference framework to validate the models with representative users, based upon development models (e.g. iterative approach).

- Level 1 Contributes to the design and general functional specification and interfaces.
- Level 2 Organises the overall planning of the design of the application.
- Level 3 Accounts for own and others actions in ensuring that the application is correctly integrated



Tech Talk: Ethics and Artificial Intelligence

e-CF User Group meeting – higher education & academia

1 July 2020 e-CF User Group – Companies



European AI Priorities Over the Next 6 Months (Webinar)



9 December 2020
Professional Ethics Expert Group meeting



17 March 2021: e-CF Briefing for ALL DIGITAL members

e-CF Training 29-30 March – Malta

IT Professionalism conference

12/10/2020



- Presentations by the European Commission.
- Panel on Covid-19 recovery through digital skills.
- Panel on eCF in Practice: Companies and Higher Education

Save the date: 20 May. Fostering the competent, trusted and recognised IT profession in Europe – the journey already started

- What are the building blocks of the IT professionalism?
- What is the role of CEN/TC428 and how it works? What are the outputs of CEN/TC428 work and how to use them in practice?
- How to take part in this work? How to join the larger community working on IT professionalism?



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CEN/TC 428
ICT Professionalism and
Digital Competences

In this month's edition

- [Register to the IT Professionalism Conference 2021 - 20-22 April](#)
- [Save the date: Developing the IT profession in Europe online event on 20 May](#)
- [TC 428 Update](#)
- [Updated Rolling Plan for ICT standardisation now available](#)
- [European Commission publishes 2030 Digital Compass](#)
- [Talent-related issues still the biggest challenge for digital transformation](#)
- [PWC publishes 24th CEO survey](#)
- ["Future of work, employability and digital skills" project update published](#)
- [Data skills most important for next 2-3 years, report finds](#)
- [Open consultation: new paper on ethics in higher education](#)
- [Digital skills gap in UK might increase dramatically, report finds](#)
- [UK companies turn to low-code tech to adapt to fast digitalisation](#)
- [Drop-out rates in some IT course hit 80% in Ireland, research shows](#)
- [New tech and new talent necessary to close cyber skills gap](#)
- [Upcoming Events](#)



Register to the IT Professionalism Conference 2021 - 20-22 April


You can still register to the [IT Professionalism Conference 2021](#) hosted by ITPE, eSkills Malta Foundation and the Irish Digital Skills and Jobs Coalition. The event will take place over three half-day online sessions on 20-22 April.

- 20 April – 'The Challenge of Professionalism in Europe and Beyond'
Join to hear from representatives of the Commission on the latest EU policies related to IT professionalism. The panel discussion will feature speakers from different parts of the world sharing their experience on the topic.
- 21 April – 'IT Professionalism in Practice'
This day will focus on tackling skills gaps in the sectors of software and blockchain.
- 22 April – 'Becoming an IT Professional'
Are you studying to work in IT? Or are you considering choosing this career path? Then this day is for you. During the panel discussion, experiences and skills needed to start a career in IT will be discussed. We will also hold a 'CV clinic', exploring how to improve your application to get hired. Send us your CV and motivation letter and get live feedback during the event.

Register now on [ITPE's website](#) and kindly distribute this information through your networks.

ITPE on Social Media

- Twitter: [@ITProfessionEU](https://twitter.com/ITProfessionEU)
- Facebook: [@ITProfessionalism](https://www.facebook.com/ITProfessionalism)
- LinkedIn: [IT Professionalism Europe](https://www.linkedin.com/company/IT-Professionalism-Europe)

 IT Professionalism Europe @ITProfessionEU · Dec 15, 2020
e-CF training online is taking place today co-organised by @eSkills_Malta and ITPE #HR #DigitalTransformation #digitalcompetences @RoccoDefina



 IT Professionalism Europe @ITProfessionEU · Apr 8
The number of IT professionals in Europe must double in the next 10 years to reach the set target of the European Commission. How will we get there? Register to the 'IT Professionalism Conference 2021' and join the discussion!



Target for the 'Digital Decade'

8 mil 2020

20 million IT professionals by 2030 in Europe

2030

Join the IT Professionalism Conference 2021
itprofessionalism.org

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**Not a member yet?
Join us!**

[https://itprofessionalism.org/
why-join/become-a-member/](https://itprofessionalism.org/why-join/become-a-member/)



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Thank you

austeja@itprofessionalism.org