



EU's Digital Education Plan



Requirements for citizens' use of AI systems







KNOWLEDGE

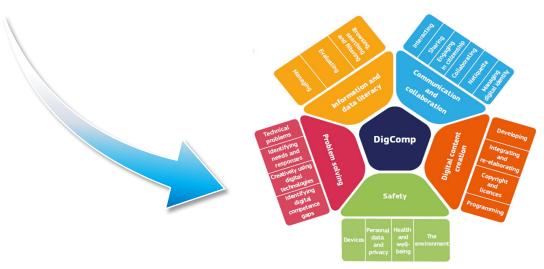
- To be aware of the benefits, limitations and challenges of Al systems
- To understand what Al systems do and what they do not do

SKILLS

- To use, interact and give feedback to AI systems as an enduser
- To configure, supervise and adapt Al systems (e.g. overwrite, tweak)

ATTITUDES

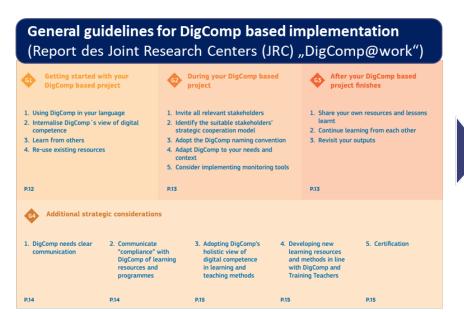
- Human agency and control
- Considering trustworthiness of AI
- Ethical considerations of usage



What knowledge, skills and attitudes do citizens need to engage with AI systems in a confident, critical and responsible way for learning, at work, and for participation in society?

EU DigComp in Austria – building the future on one European standard









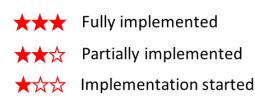






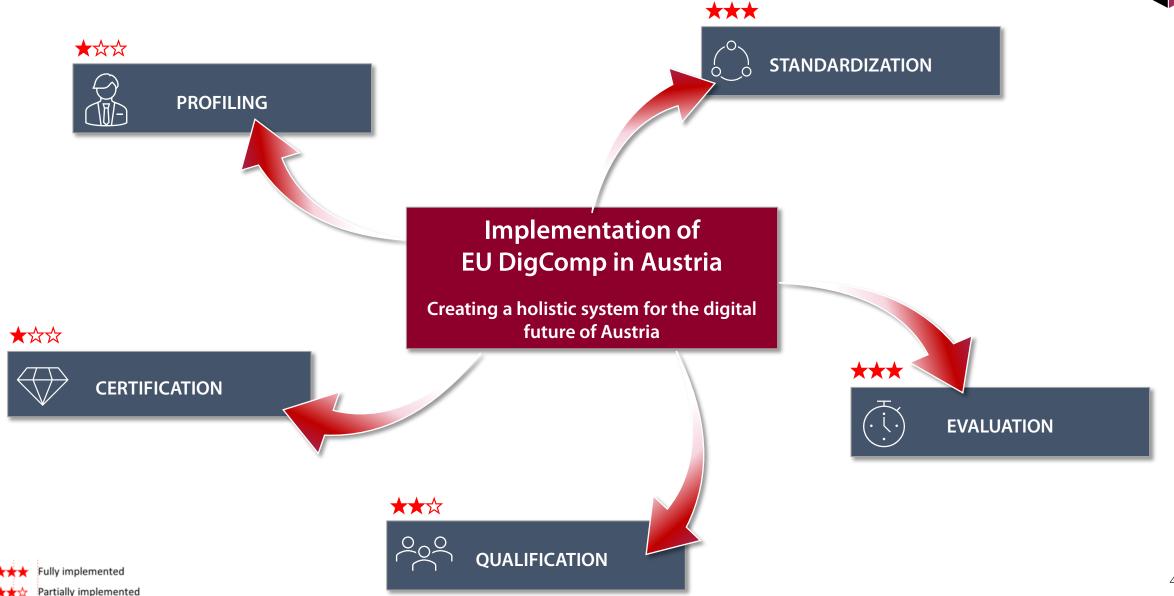






DigComp in Austria – 5 pillars to the DigComp Implementation





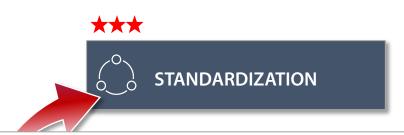
Implementation started

DigComp in Austria – STANDARDIZATION



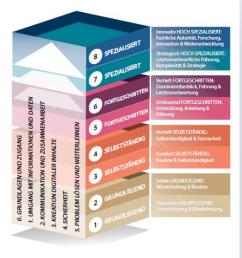


PROFILING



- EU DigComp 2.1 > DigComp 2.2 AT
- 6 Areas, 25 single competences, 8 competence levels
- Taskforce Digital Competences (interdisciplinary)





Competence areas:

- O. Access and Foundation
- 1. Information and Data Literacy
- 2. Communication and Collaboration
- 3. Digital Content Creation
- 4. Safety
- 5. Problem solving and learning

→ Due to its structure, the DigComp Framework correlates with the European Qualification Framework (EQF), which also outlines eight levels



CERTIFICATION

DigComp in Austria – EVALUATION





DigComp tools | Artifical Intelligence

Evaluation Tools for digital skills Information modules

Artificial Intelligence

As far as A.l. is addressed we are covering topics in our fit4internet CHECKs (self-assessment) and QUIZ (knowledge-based questions) and learning modules such as:

- Outlining what Al as a sub-area of computer science means and cite useful as well as risky examples.
- Using Al applications in (private and professional) everyday life.
- Naming and applying the principles of an ethical use of AI
- Forming an opinion about current legal, economic, social and political aspects of AI
- Describing the difference between human intelligence and
 Al based on the current technological state of the art

Artificial Intelligence



- Scient the light ver

Artificial intelligence (a sub-area of computer science) is developing dynamically and can already be seen as a fixed part of our everyday life. With the CHECKs and the OUIZ, you have the chance to find out more about your digital skills on the subject of artificial intelligence (A.I.). All six competence areas categorised by the <u>Digital Competence Framework for Austria</u> (DigComp 2.2 AT) and ranging from competence levels 1 (foundation) to 5 (advanced) are covered here. The evaluation gives you insights into your digital strengths and identifies areas of improvement.

Choose between two CHECKs:

- select the light version if the subject of digital skills is rather new to you.
- select the advanced version if you believe you have a higher level of digital skills.

By the way: Would you like to know in how far artificial intelligence (A.I.) influences our everyday lives and how it will affect our future? The online learning module 'The Power of A.I.'

(in German only) provides insights on this topic.

CHECK Artificial Intelligence - light	Postcode *	Year of birth *	START
The CHECK Artificial Intelligence - light provides an insight into your everyday skills on the topic.	Gender * () female () male () other		START
CHECK Artificial Intelligence - advanced	Postcode *	Year of birth *	

ternet in Austria – Ra	aising Digit	tal Competences					as less	
							DE EN	
	Home	Understanding ∨	Checking	Learning	Keep going	Join us 🗸	About us v fit4intern	€t

The Power of A.I.

Das Online-Lernmodul "Die Power von K.I." gibt Einblicke, wie Künstliche Intelligenz (K.I.) unseren Alltag schon jetzt beeinflusst und wie sie ihn weiterhin verändern wird. Die in "Die Power von K.I." dargestellten Inhalte orientieren sich am Digitalen Kompetenzmodell für Österreich – DigComp 2.2 AT und umfassen die Kompetenzbereiche o. Grundlagen und Zugang, 1. Umgang mit Information und Daten und 4. Sicherheit.

1 Modul present	
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Online learning module

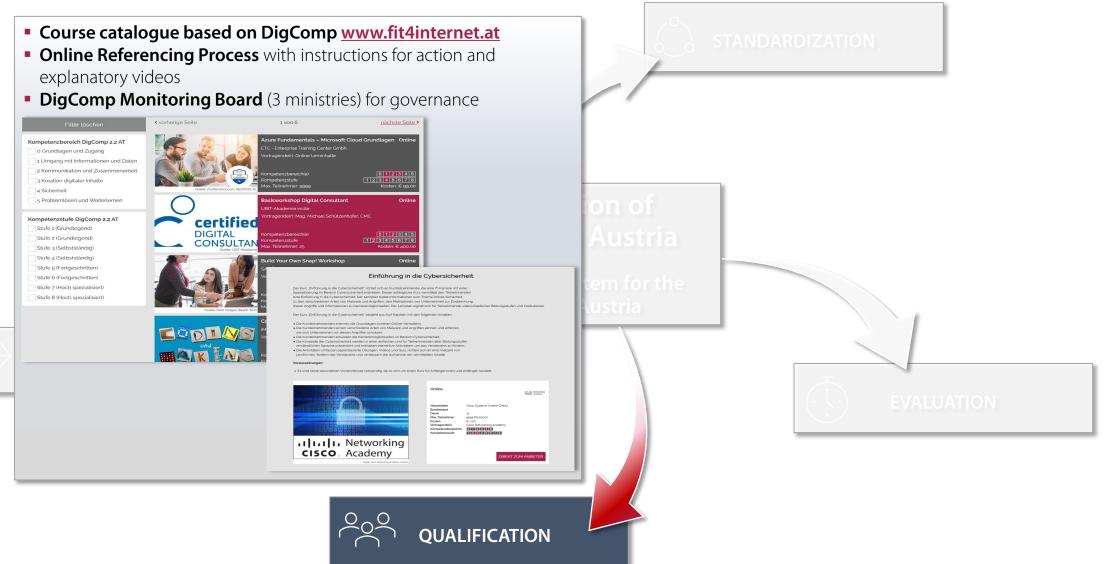
Get to know the power of A.I. with simple experiments in five learning units.

Postcode *		de *	Year of birth *				
	<u>AT</u> ▼						
	Gender * () female () male () other						

TO MODULE

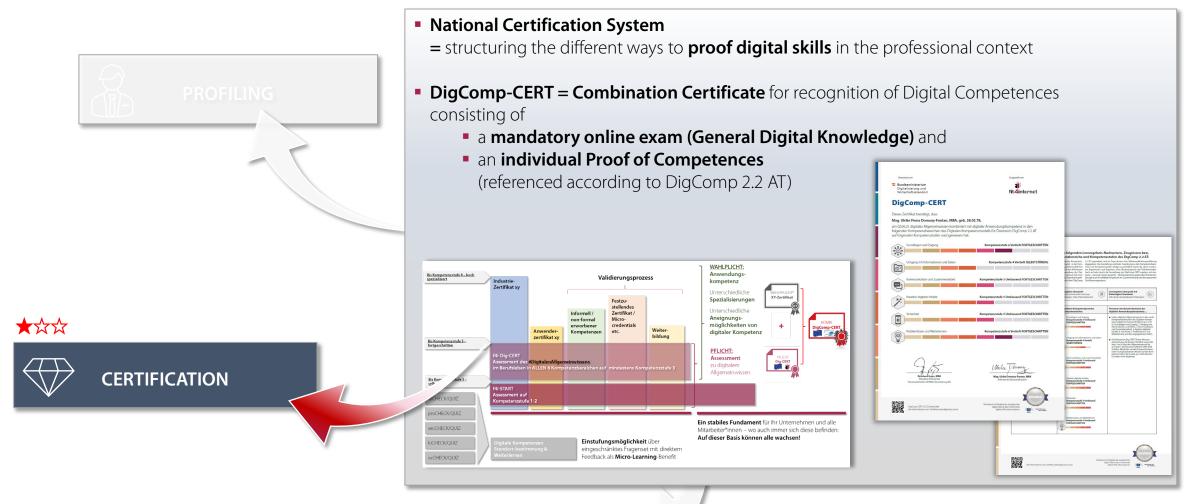
DigComp in Austria – QUALIFICATION





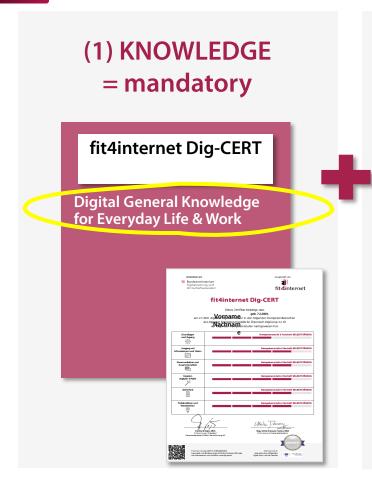
DigComp in Austria – CERTIFICATION



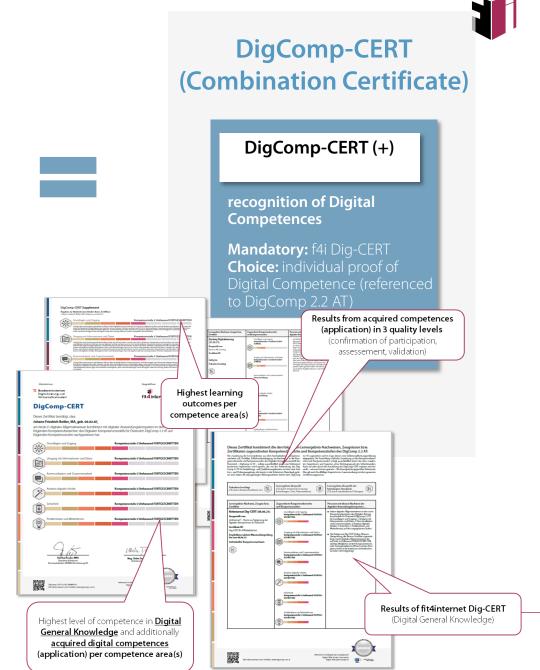




f4i Dig-CERT & DigComp-CERT | Combination Certificate









Bundesministerium Digitalisierung und Wirtschaftsstandort



DigComp in Austria – PROFILATION







PROFILING



- focusing on job profile/function-relevant digital competences
- transfering the Digcomp methodology into the everyday business of SMEs with a digital profiling toolkit to become/remain digitally innovative
- <u>Target groups:</u> SME employees, recruiters, apprentices, labour market intermediaries
- considering cross-country collaboration and applying for an **EDIC** with other countries if applicable



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In a nutshell – it is about education, awareness and reflection



Article 22 GDPR:

Your rights in relation to automated decision-making, including profiling (Art. 22 GDPR) You have the right not to be subject to a decision based solely on automated processing. Processing is 'automated' if it is carried out without human intervention and produces legal effects or significantly affects you.

European Commission (2021) - COM/2021/206 final - Document 52021PC0206:

Regulation of the European Parliament and of the Council laying down harmonised rules on Artificial Intelligence (Artificial Intelligence Act) and amending certain acts of Union law.





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"fit4internet" - Verein zur Steigerung der digitalen Kompetenzen in Österreich

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