



Digital skills and ICT specialists in the EU and beyond

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Digital Decade: The proposed targets for 2030



Skills

ICT Specialists: 20 millions + Gender convergence

Basic Digital Skills: min 80% of population



Digital transformation of businesses

Tech up-take: 75% of EU companies using Cloud/AI/Big Data

Innovators: grow scale ups & finance to double EU Unicorns

Late adopters: more than 90% of SMEs reach at least a basic level of digital intensity



Secure and sustainable digital infrastructures

Connectivity: Gigabit for everyone, 5G everywhere

Cutting edge Semiconductors: double EU share in global production

Data - Edge & Cloud: 10,000 climate neutral highly secure edge nodes

Computing: first computer with quantum acceleration



Digitalisation of public services

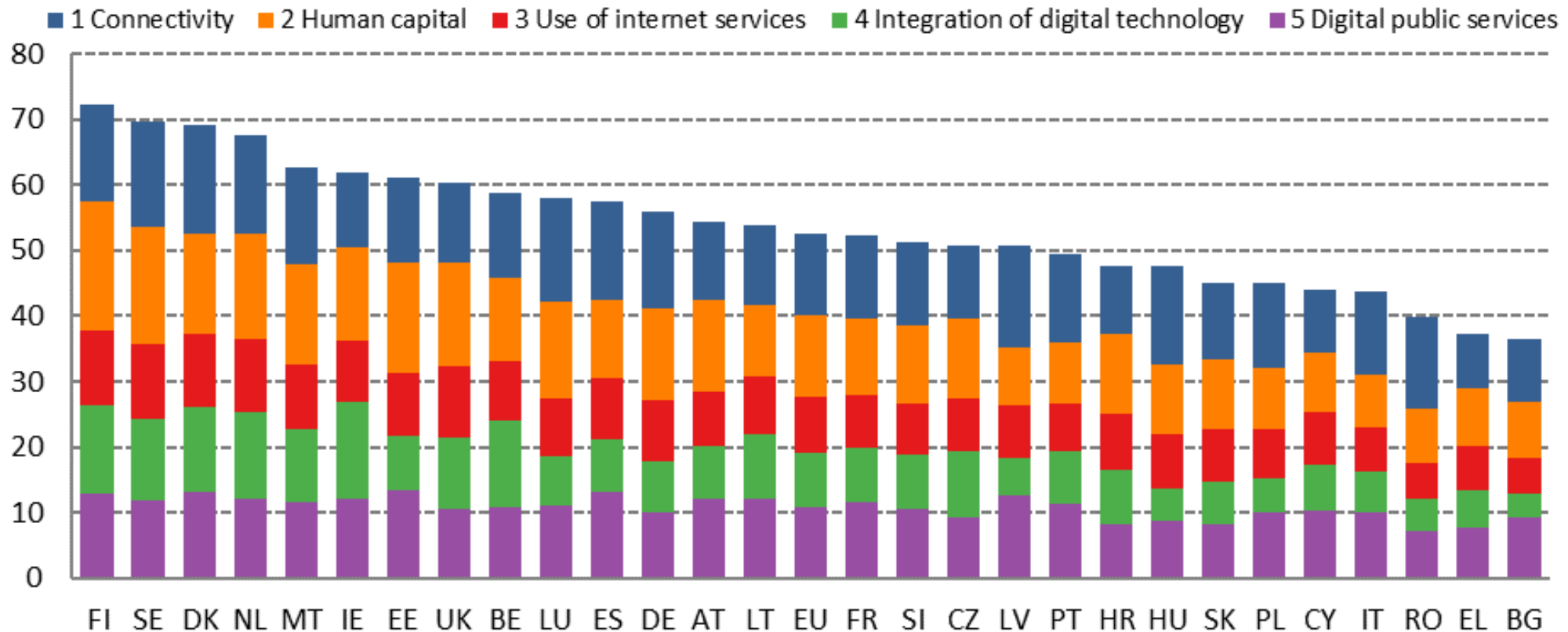
Key Public Services: 100% online

e-Health: 100% availability medical records

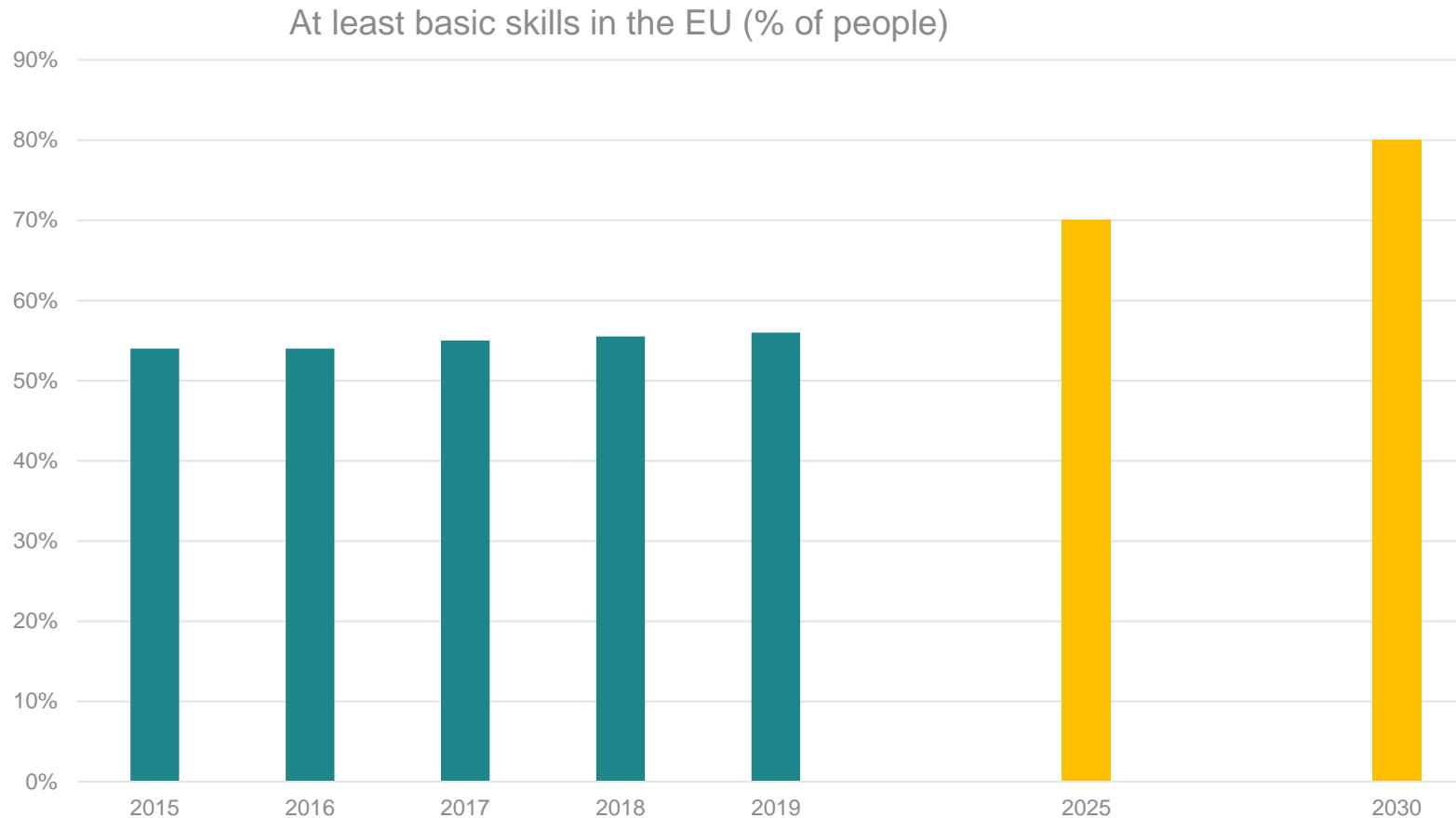
Digital Identity: 80% citizens using digital ID

The Digital Economy and Society Index will play a key role in monitoring the targets

Digital Economy and Society Index (DESI) 2020 ranking

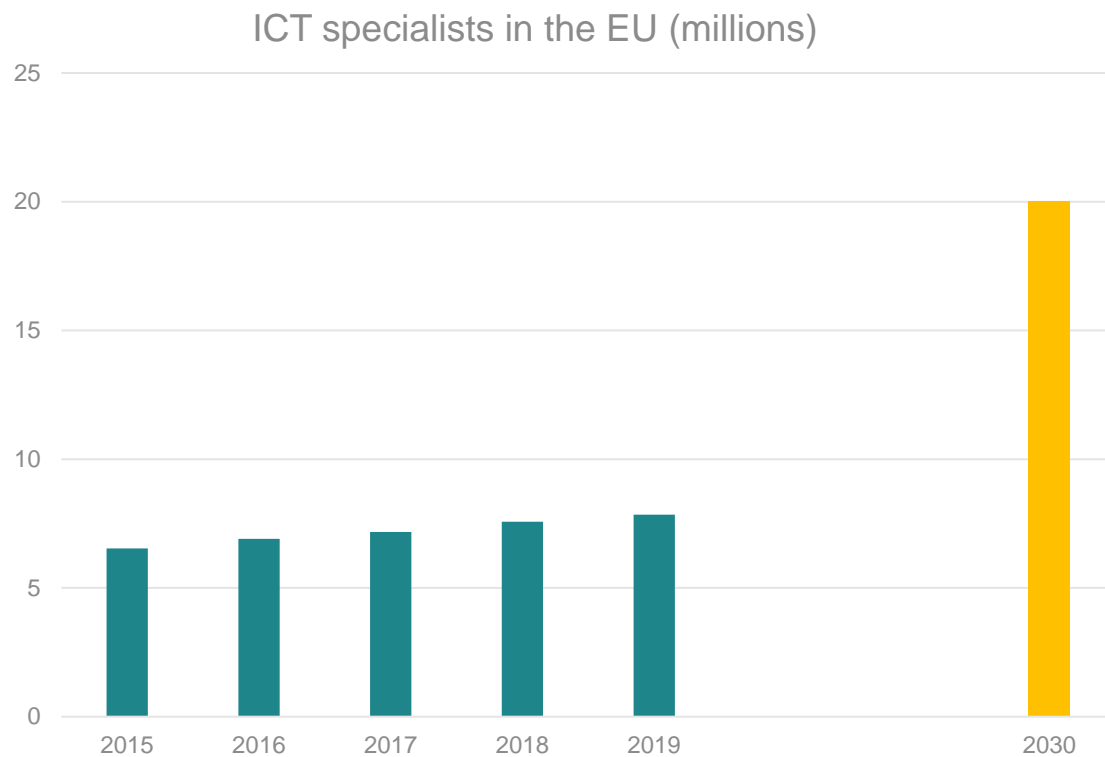


Further improving basic digital skills is a precondition for the digital transformation - By 2030, at least 80% of all adults should have at least basic digital skills



Source: Eurostat, Digital Decade

20 million highly skilled digital professionals needed for the digital transformation of business and the public sector by 2030



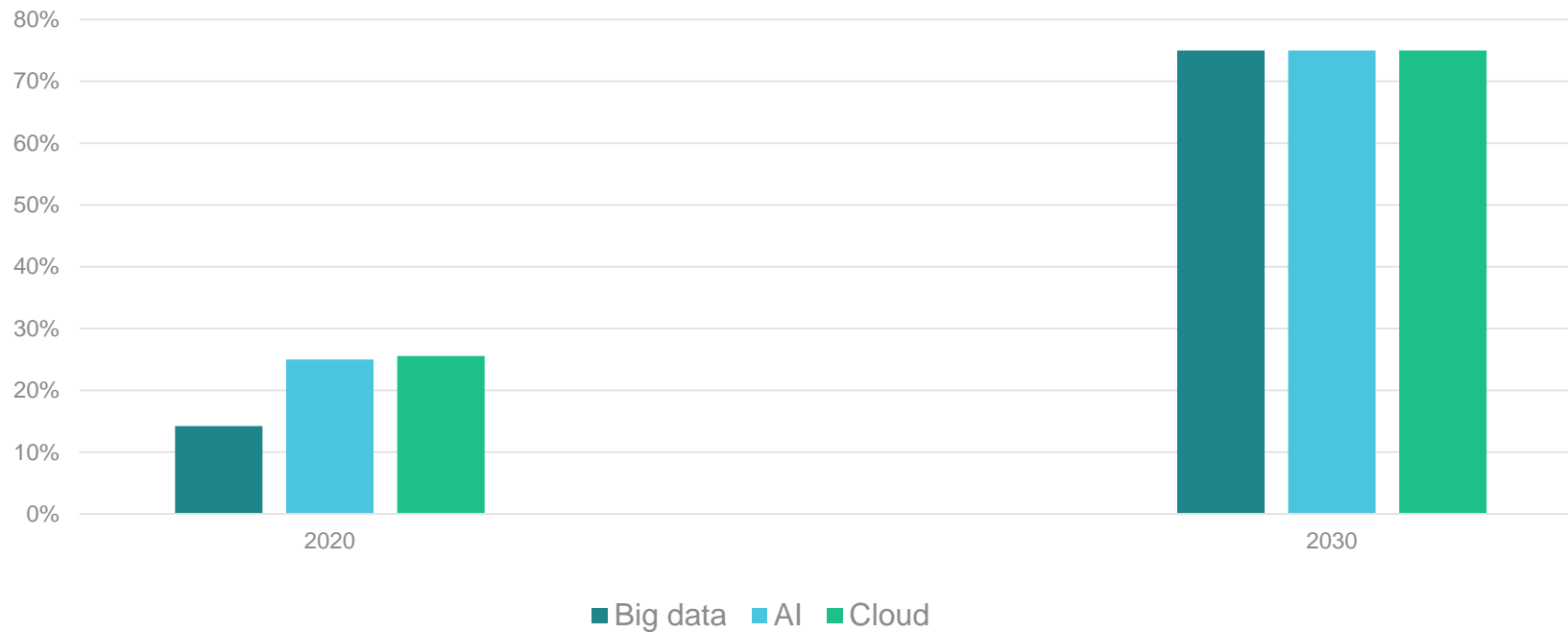
Source: Eurostat, Digital Decade

ICT specialists by gender



We need to deliver on the skill targets to accelerate the digital transformation of businesses

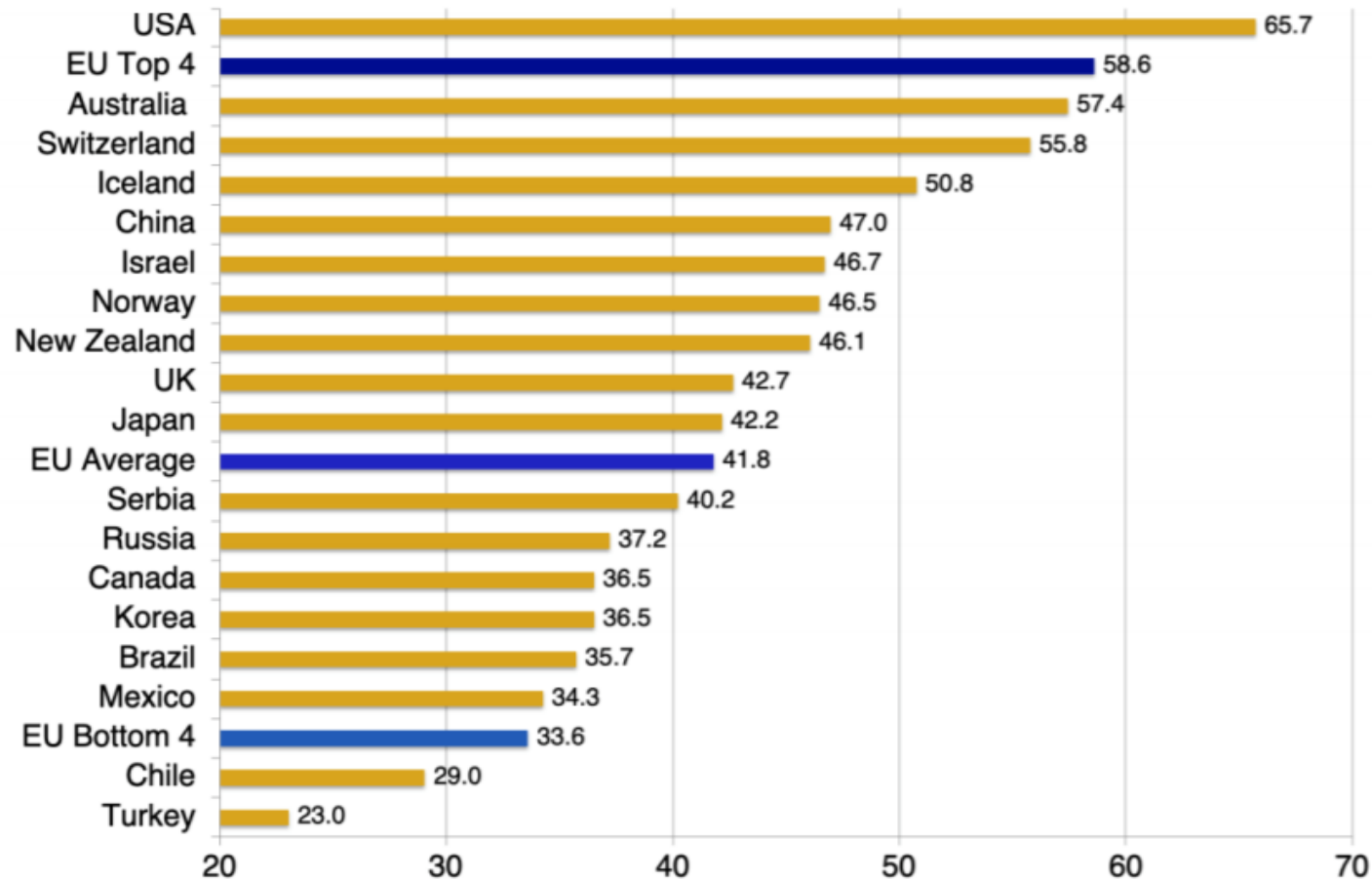
Adoption of selected technologies by enterprises (% of enterprises)



Source: Eurostat, Digital Decade

International Digital Economy and Society Index (I-DESI) – EU top 4 countries are among global leaders, but the EU as a whole is below many of its competitors

The human capital dimension of I-DESI (score 0-100)



Source: Tech4i2

Thank you