

## **Industry 4.0**

*The term Industry 4.0 is trending in many countries where technological advances are enabling significant changes in industry. The term was originally coined by Kagernmann et al. in 2011 when referring to the Fourth Industrial Revolution, where technology will not only increase resource and time efficiency, but will also change the way people work. Companies are already dramatically changing their working processes, which poses major challenges as they require proactive adaptation to the digital culture, particularly regarding its workforce' skills and competences. Hence, it is critical that businesses and universities join efforts and take an active role in preparing the next workforce and, simultaneously, support the current one through lifelong learning and continuous training.*

*The universities of the future will focus on 5 big blocks of education throughout its series of courses:*

*IT-driven industry  
New business models  
Intelligent information systems  
Enablers of sustainability  
Development of transferable skills*

## **Education 4.0**

*As technology advances at an increasingly fast pace, the focus is shifting from qualifications-based education, to knowledge, or skills-based education. Furthermore, the need for continuous learning is growing. Although life-long learning is a frequently discussed topic, learning pathways from childhood till retirement remain unclear, as the number of older, non-traditional learners increase, and inequality of access to education remains.*

*Our aim is to create learner-centred courses where the student solves real-life problems in a supportive environment where there is space for experimentation and hands-on learning, and where students can learn from each other.*

## **Further reading material**

*<https://universitiesofthefuture.eu/communication/>  
[https://www.ey.com/Publication/vwLUAssets/ey-university-of-the-future/\\$File/ey-university-of-the-future.pdf](https://www.ey.com/Publication/vwLUAssets/ey-university-of-the-future/$File/ey-university-of-the-future.pdf)  
<https://media.sitra.fi/2019/09/16162911/towards-lifelong-learning.pdf>*