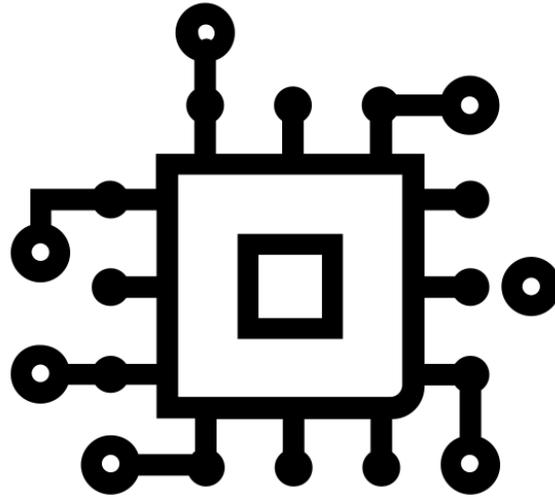


# Two things we know about digitalisation

## 1

Digitalisation has been a **hot topic in policy and the media** for the last few years, with discussions about how it will change society, labour markets etc.

Higher education should prepare for digital transformation

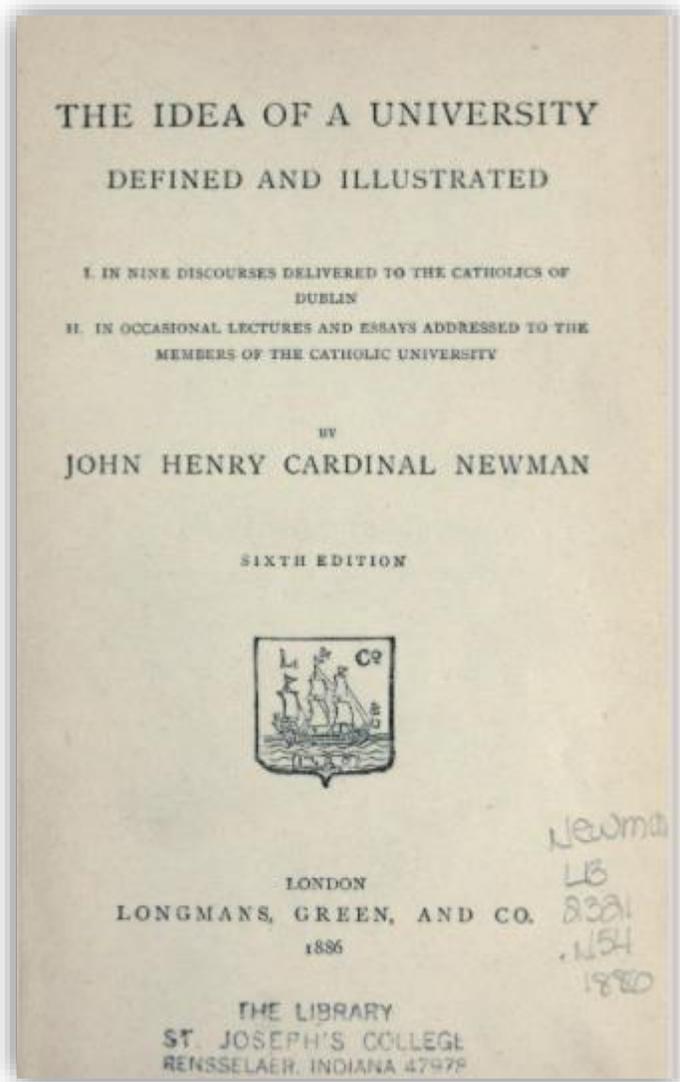


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## 2

But digital transformation does not per se specify what type of goals it is ultimately following—aside from the “adoption” of technologies

That is to say that digital transformation **neither answers the ‘why’ nor the ‘how’ question**—i.e. how this “transformation” will happen and to what aim.



Newmann saw true education as **“the recognition that every subject, every science, every discipline, exists as part of a network of interrelations.”**

In a commentary on whether the higher education scholar John Henry Newman, would support the idea of the digital university, George P Landow suggests that he would be most excited about the possibilities of hypertext for knowledge formation.

**Hypertext, which is today so embedded in our digital lives we hardly think about it, facilitates infinite links between disciplinary knowledge and multiple sources of information.**

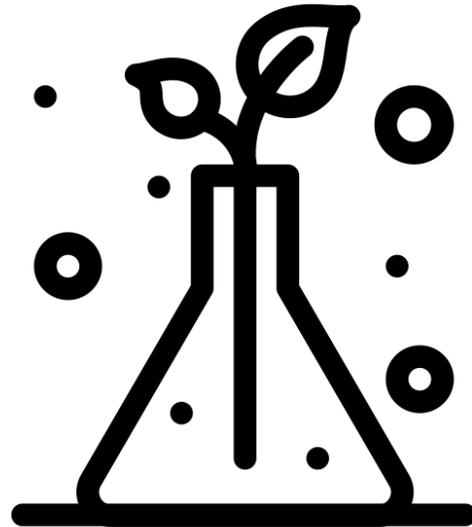
Landow, G. P. (1996). Newman and the Idea of an Electronic University. In F. M. Turner (Ed.), *The Idea of a University* (pp. 339–362). Yale University Press.

# Two objectives we can achieve through digitalisation

## 1

provide flexible and supportive learning environments that make higher education possible for more parts of society

*keywords:* learning platforms, MOOC and OER, learning analytics, open recognition

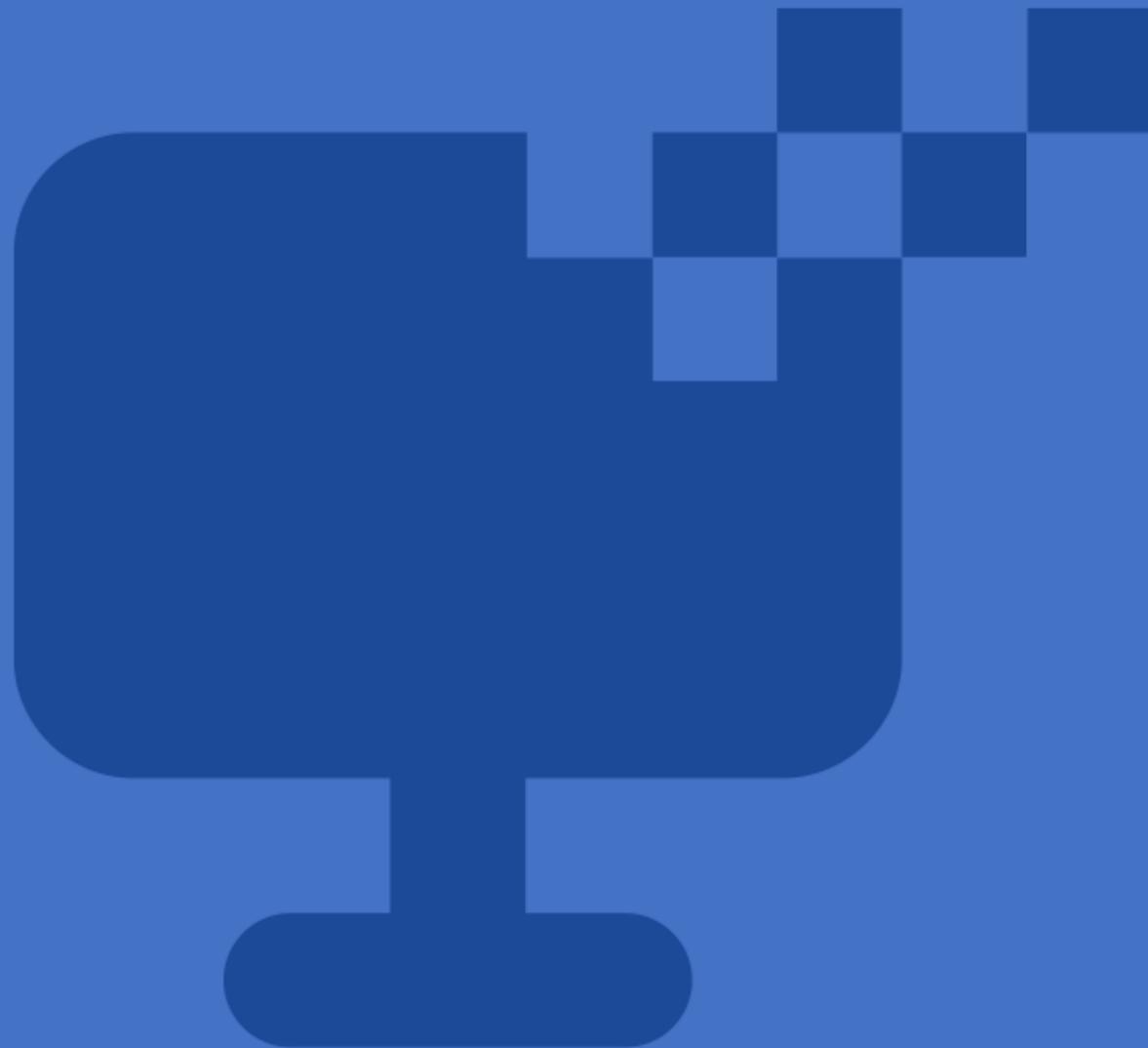


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## 2

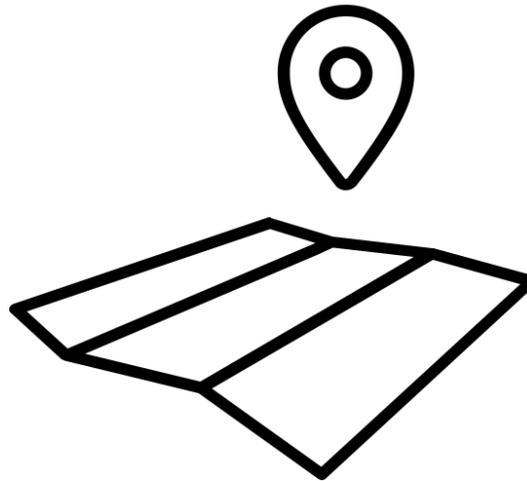
to open up research data and research activities to foster interdisciplinary, intercultural and inter-institutional work

*keywords:* citizen science, open data, open science



# The challenge

The Internet and digital networks are the means to **connect disparate information, produce new data flows and structure new communication channels** for more enriched interaction between people and processes.

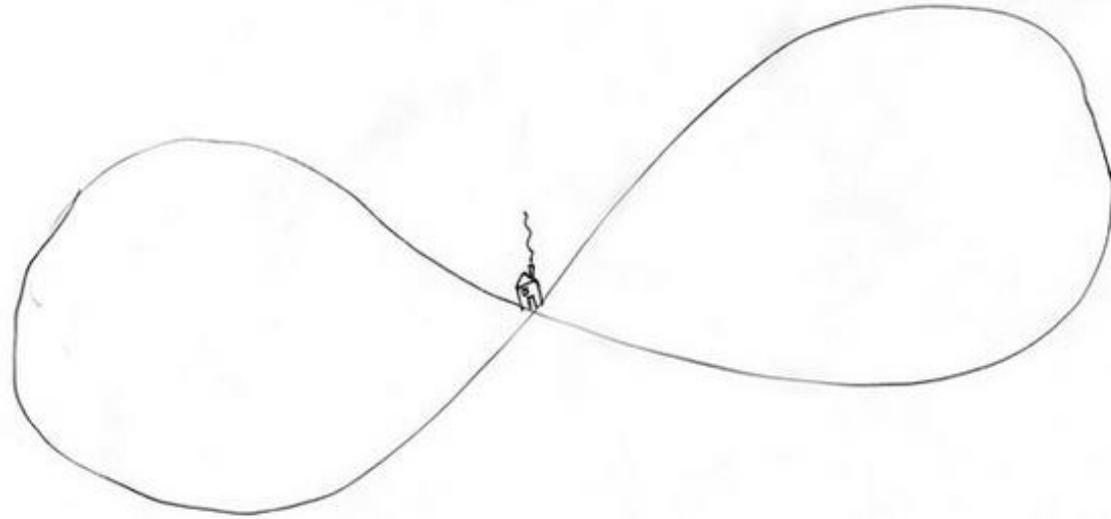


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Andrew Whitworth argues that people navigate the abundance of information and the multitude of possible connections by creating their own **“information landscapes”**.

# THE INTERNET MAPPING PROJECT

Please draw a map of the internet, as you see it. Indicate your "home."

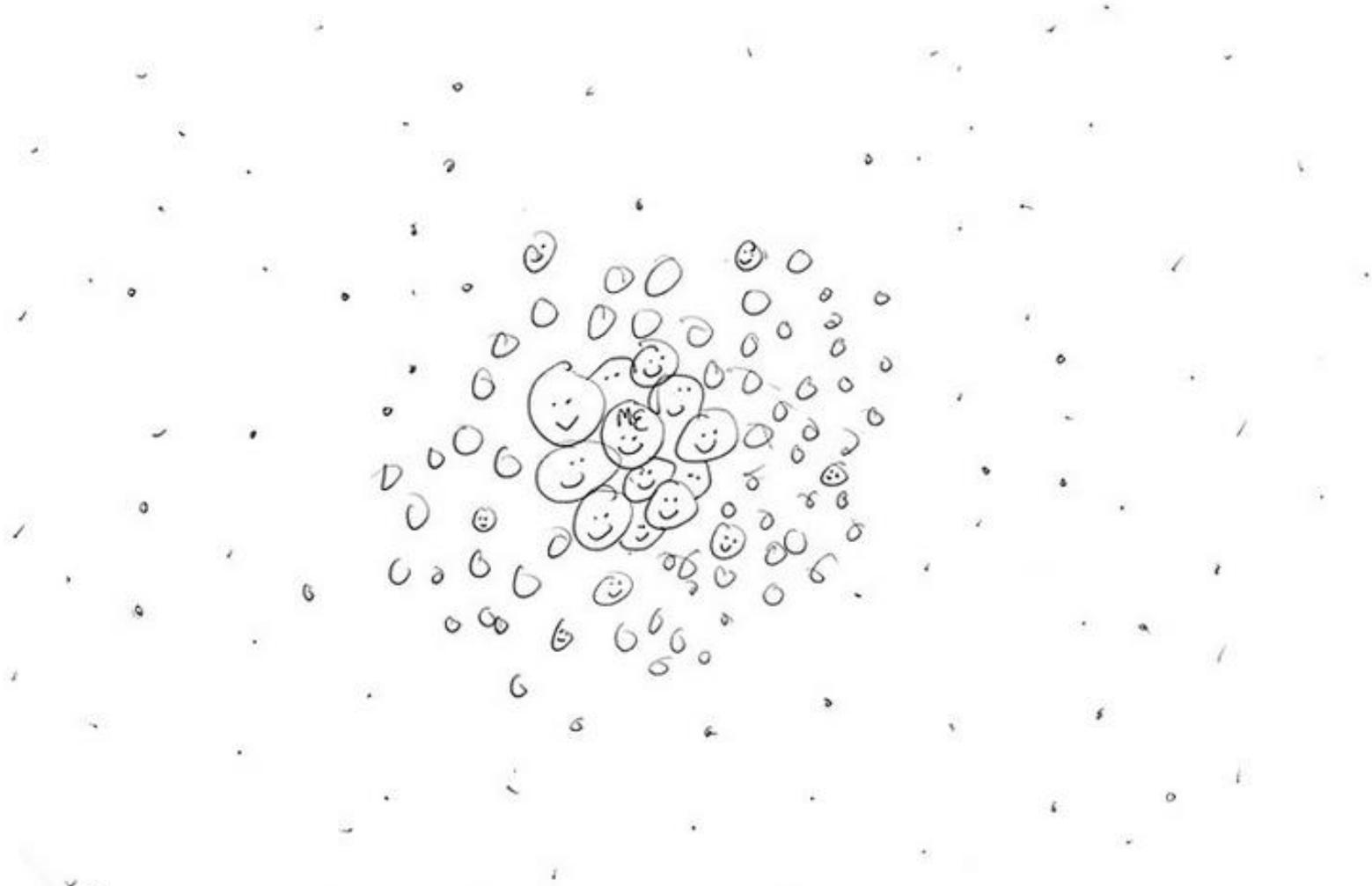


Your age 30 Your occupation editor/writer Average number of hours per day on the internet \_\_\_\_\_

Return to Kevin Kelly (kk@kk.org, or 149 Amapola Ave., Pacifica, CA 94004) For results see www.kk.org.

# THE INTERNET MAPPING PROJECT

Please draw a map of the internet, as you see it. Indicate your "home."

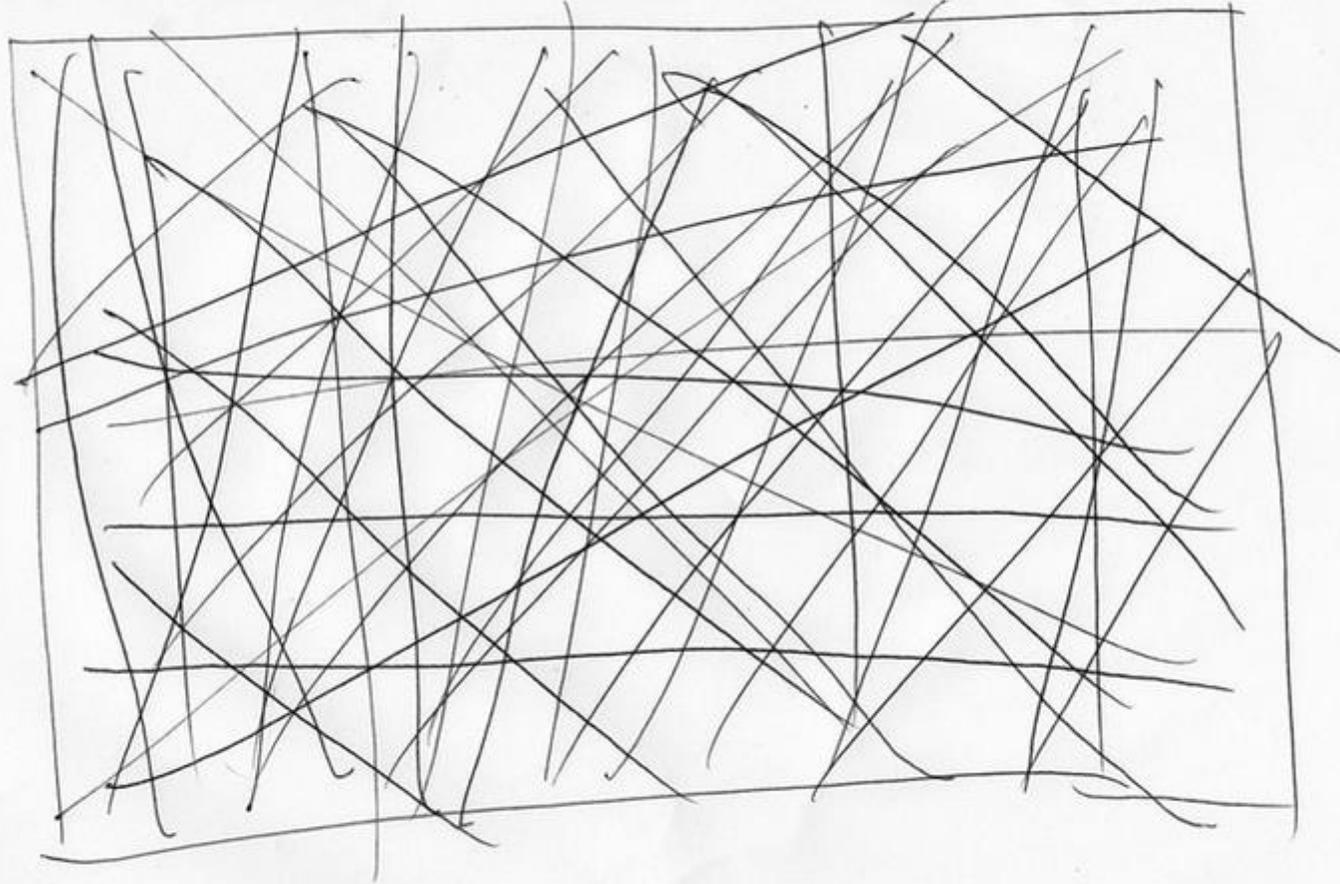


Your age 39 Your occupation Linguist / Non-profit Average number of hours per day on the internet 9-10  
Return to Kevin Kelly (kk@kk.org, or 149 Arapola Ave., Pacifica, CA 94004) For results see www.kk.org.

Source: <https://kk.org/ct2/the-internet-mapping-project/>  
<https://rise.articulate.com/share/8C4YmgHelOCKwXfn#/>

# THE INTERNET MAPPING PROJECT

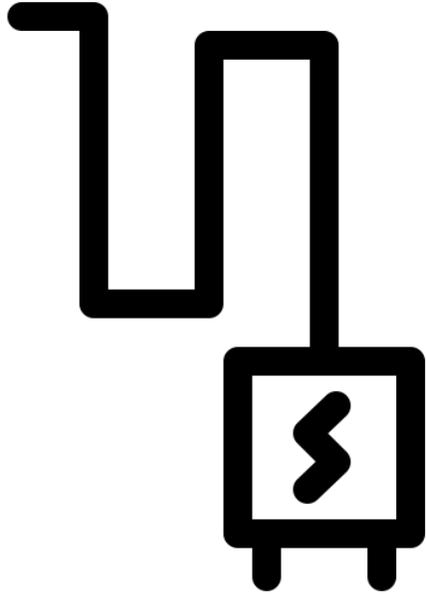
Please draw a map of the internet, as you see it. Indicate your "home."



Your age \_\_\_\_\_ Your occupation \_\_\_\_\_ Average number of hours per day on the internet \_\_\_\_\_

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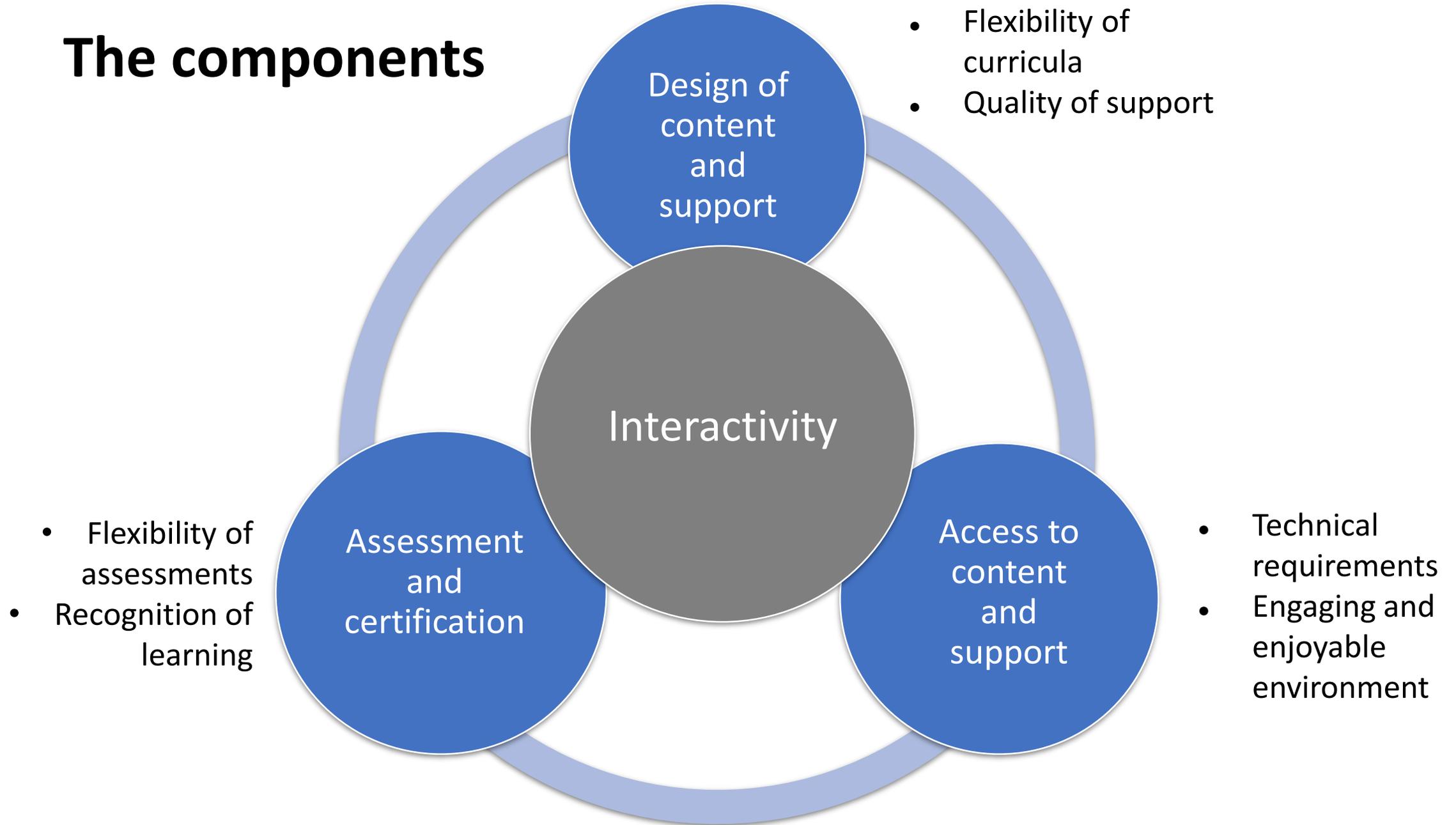
# What is (usually) meant by digital learning?

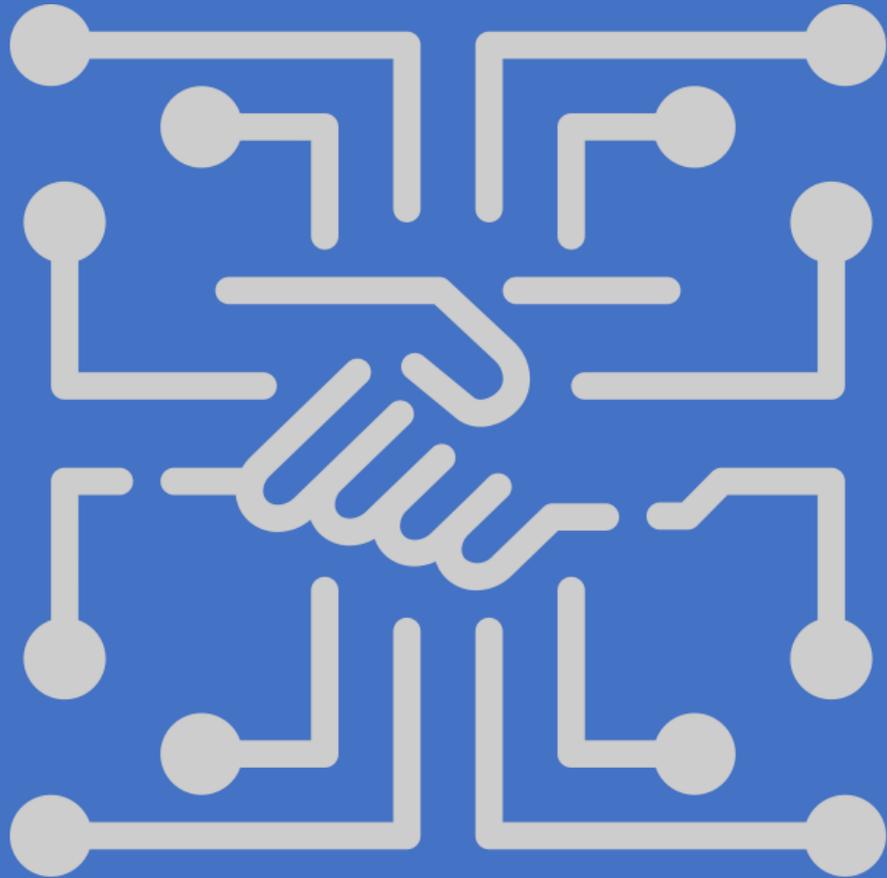


*E-learning should not only be focused on technology (i.e. “e”)*

“E-learning is an innovative web-based system based on digital technologies and other forms of educational materials whose primary goal is to provide students with a personalized, learner-centered, open, enjoyable and interactive learning environment supporting and enhancing the learning processes.”

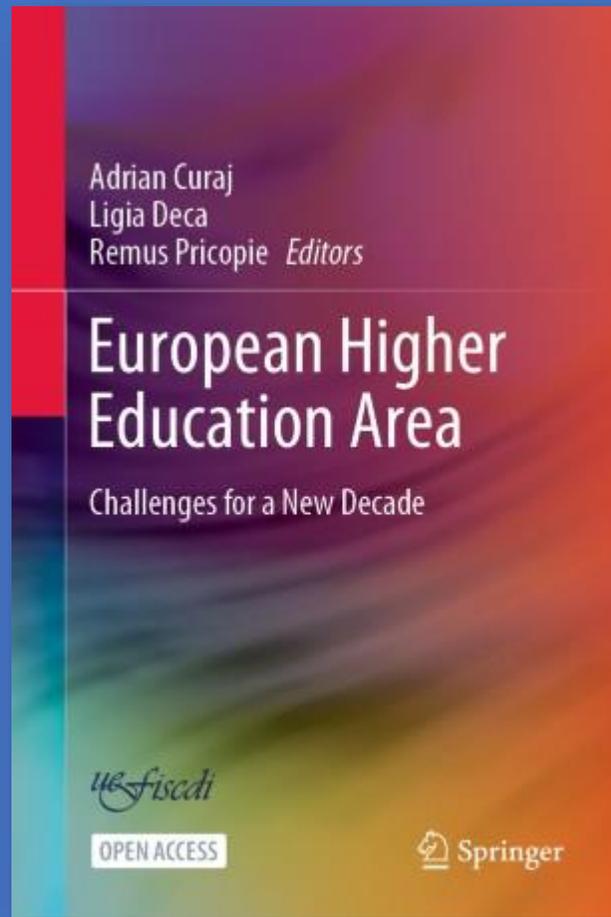
# The components





Thinking about digitalisation only leads us back to the old questions of how higher education can efficiently and effectively prepare new generations for a fair and sustainable future through learning opportunities, academic exchange, research and development.

The affordances of connectivity, networking and better links between knowledge domains are the benefits that new technologies can contribute to solving these challenges.



Orr, D. (2020). Bologna Process in the Global Higher Education Arena. Going Digital? *European Higher Education Area: Challenges for a New Decade*, 503–515.  
[https://doi.org/10.1007/978-3-030-56316-5\\_31](https://doi.org/10.1007/978-3-030-56316-5_31)