DigI-VET
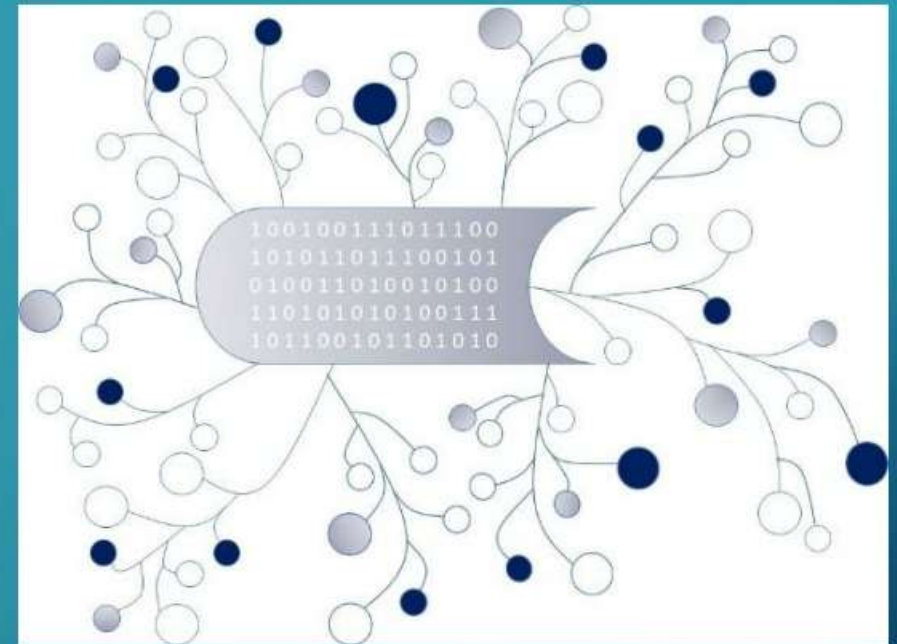
FOSTERING DIGITISATION AND INDUSTRY 4.0 IN

VOCATIONAL EDUCATION AND TRAINING

Training Modules for the Learner
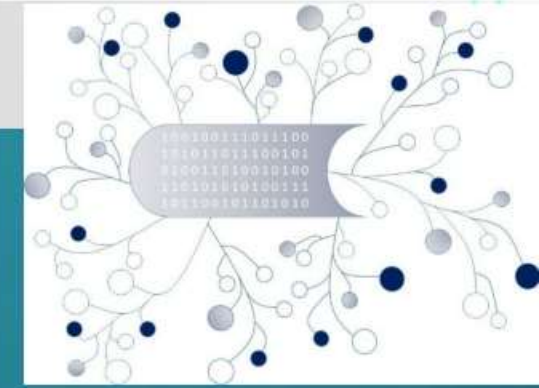Module 2: Importance of Digitisation and DIGI-VET aims

AR Vacational Education and Training Ltd., Gelija Tamulyte and Rajesh Pathak
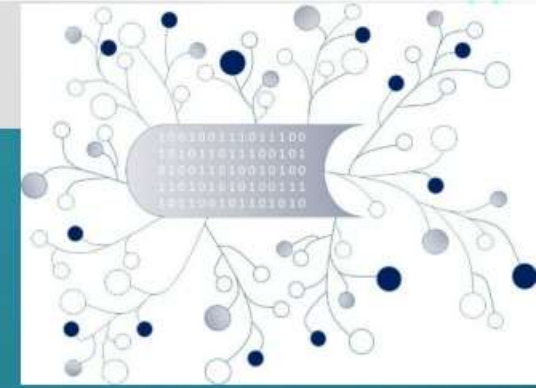
Agenda of Module 2: Importance of Digitisation and DIGI-VET aims

1. **The Importance of Digitisation in Education**

2. **The importance of Digitisation in Industry**

3. **Digi-VET aims**

4. **Learner Test**

Opportunities in Education

Easy convenient access

Increased productivity

Learning Management Systemsc(e.g. Blackboard)

Resource Efficiency

Online platforms (MOOC – Massive Open Online Courses)

Safe way to store documents

Environmentally friendly

Digitisation and Industry
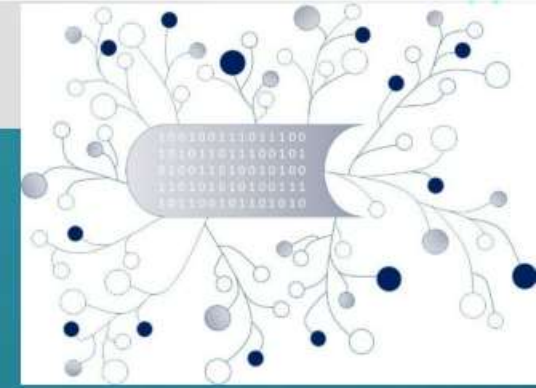
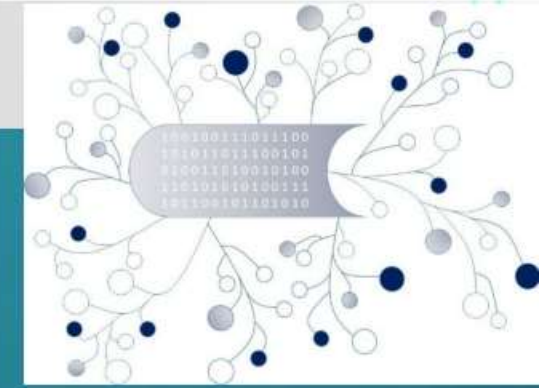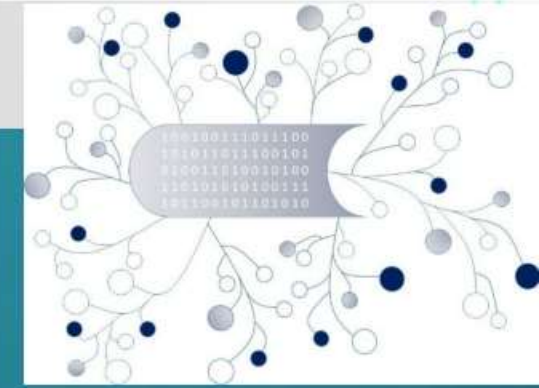Energy Biosciences Institute (EBI) partnership (2007)

Cisco&Intel partnership with University of Melbourne (2008)

JISC UK Digitisation Programme (2004-2010)

UK and Google Partnership to release online 250.000 books with free access (2011)

Erasmus+ EDUC European Digitical UniverCity (2019)

Digi-VET and its aims

- It is a project financed by the European Union;

- Based on Digitisation and Industry 4.0 in Vocational Education;

- Taking place from 1 Dec 2018 to 30 Nov 2020;

- 5 partnering organisations;

- Main coordinator is Ingenious Knowledge GmbH (based in Germany).

Digi-VET and its aims

- Digi-VET is about global chance caused by digitisation in the Education and Industry.

- It focuses on what actions had to be carried out to adapt to those changes.

- AIM: to do qualitative and quantitative research in the partner countries to provide an online platform for VET on the DiGI-VET website and create a book with background information and didactical hints for VET teachers and trainers.

- Core Aspects: Research / Development of Curriculum and materials / Boosting awareness

6
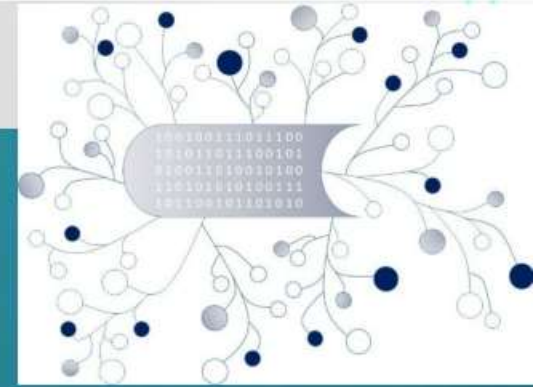
TASK

The importance of digitization is _____ .

Mention three ways how digitization affects education and what is the importance on society's learning habits:
1.

2.

3.

Given the 5 examples of Digitisation and Industry partnerships, pick one that seems the most significant and provide the reasons for your choice: _____ , because _____ .

WP PADERBORN   Emphasys   AOA ARGES   ARVET

Co-funded by the

TASK
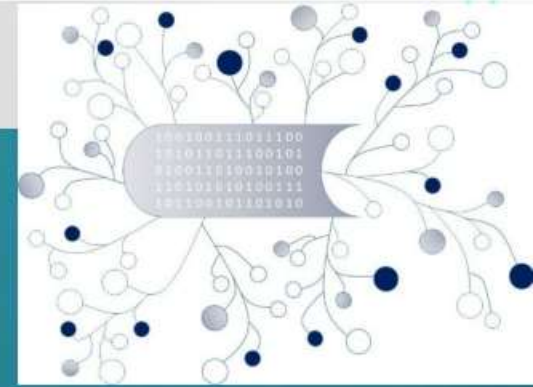
1. Describe what Digi-VET is: _____ .

2. Provide several recommendations for partnering institutions improving the research process to reach the set aims.

-

-

-

3. Why is this project important for society? _____ .

4. How Covid-19 could have influenced the research and how technologies proved to be effective to pursue the project? _____ .
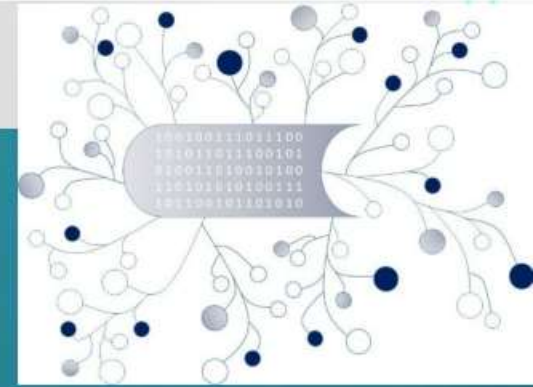
.

TASK
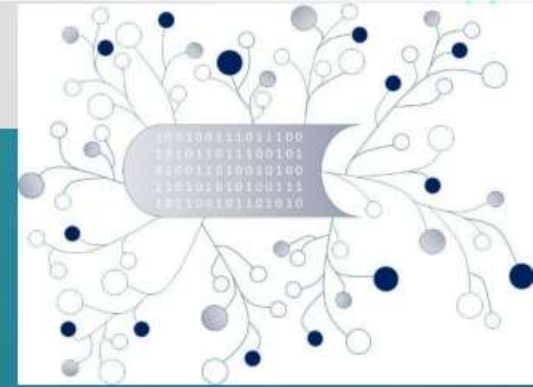
One of the opportunities of digitization in education is MOOC. What does MOOC stand for?_____ .

Mention three MOOC platforms that you have used recently during the COVID19 pandemic as part of your school / college work:

1.

2.

3.

WP PADERBORN

Emphasys

AOA ARGES

ARVET

Co-funded by the
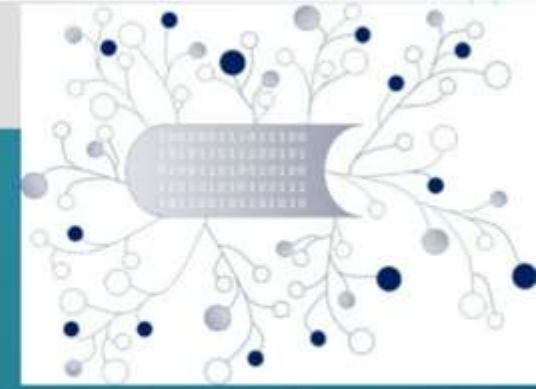
LEARNER TEST

TASK

Another opportunity of digitization in education is Learner Management System or LMS.

Apart from blackboard as the LMS platform name 3 other platforms that you have used recently during the COVID19 pandemic as part of your school / college work:

1.

2.

3.

WP PADERBORN   Emphasys   AOA ARGES   ARVET

Co-funded by the

TASK

1. What are the promising approaches to be adapted in the efforts to harness advantages of digital technology in education processes?
a) How to safeguard children and educators of U.K in a digital world?

2. Is the digital transformation really paving the way for resource- efficient material cycles in U.K? Give examples
a) How can this proportion be increased and waste disposed in a way that it is safer and more environmentally friendly?
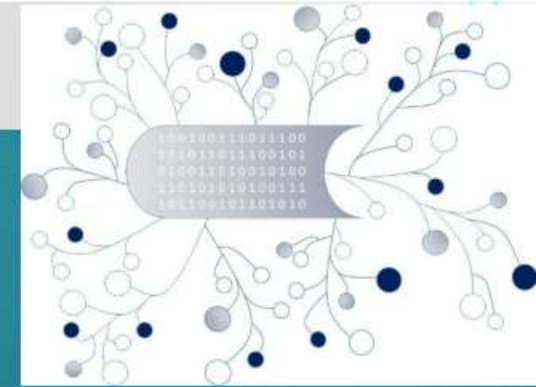
LEARNER TEST

One of the important partnerships led by digitization is the one between different European countries known as Erasmus+ EDUC European Digital UniverCity. The given screenshot shows the objectives of the project itself.

Objectives:

- Establishing joint structures (including digital infrastructure cooperation)
- Creating innovative mobility and exchange formats (physical and digital)
- Developing joint continuing education offers for professional and academic competences
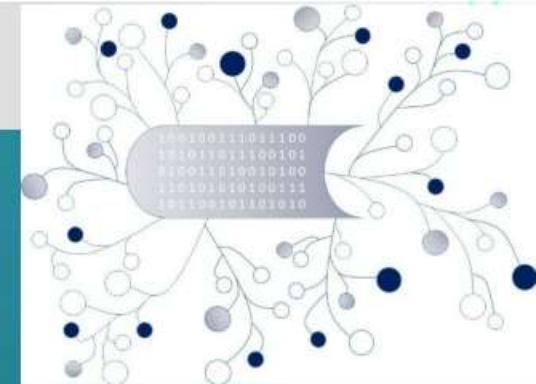- Setting up an EDUC partner network of local and international non-university stakeholders

https://www.uni-potsdam.de/en/educ/index

Co-funded by the

LEARNER TEST

TASK

Which of the four objectives is the most related to digitization and how it could be embraced?

LEARNER TEST

TASK

1. Go on the following link and look at the word cloud with variety of different words regarding industry 4.0
Link: https://www.greentalents.de/sustainable-digitalisation.php

2. Look at the given image. What words would you identify that describe digitization as an environmentally friendly process?
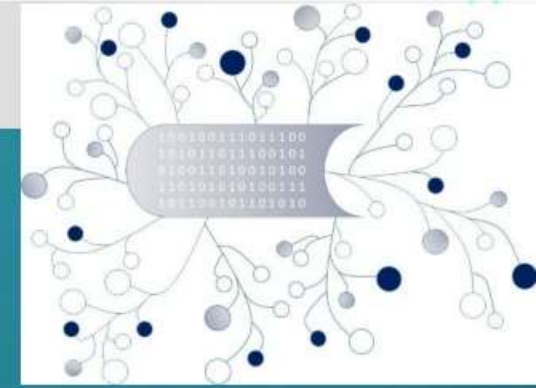
CONTACT

ARVET
279 Bethnal Green Road
London E2 6AH
United Kingdom

http://elnpartner.co.uk
http://digivet.eduproject.eu/

Rajesh S. Pathak
Tel: +44 792 791 1120
E-Mail: info@elnpartner.co.uk

Gelija Tamulyte
Tel: +44 754 099 3287
E-mail: gelija.tamulyte@gmail.com

Co-funded by the
Erasmus+ Programme
of the European Union