

**Digl-VET**

**Project number: 2018-1-DE02-KA202-005145**

**Module A: Digitisation Terms and History**

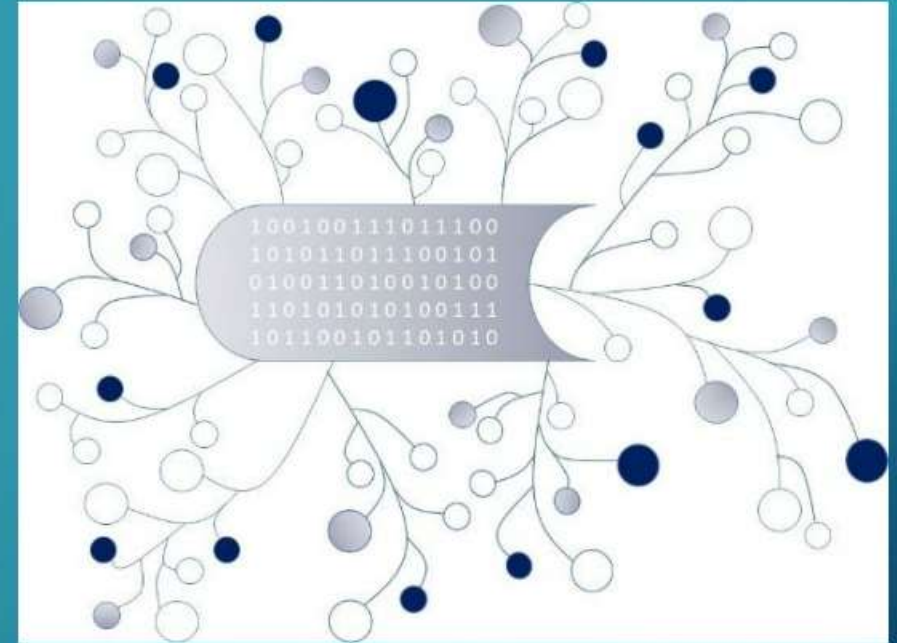
# Digl-VET

**FOSTERING DIGITISATION AND INDUSTRY 4.0  
IN VOCATIONAL EDUCATION AND TRAINING**

**Training Modules for the Learner**

A.O.A. Arges – Daniel Crisan

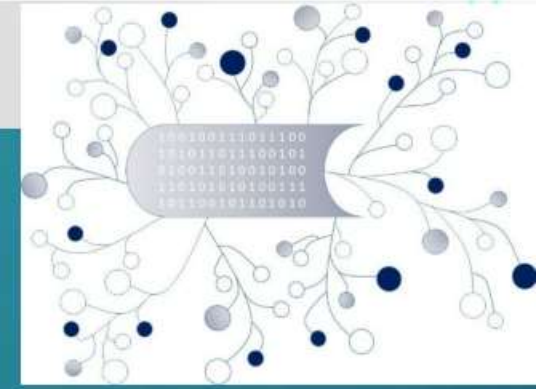
The European Commission support for the production of this publication does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.



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

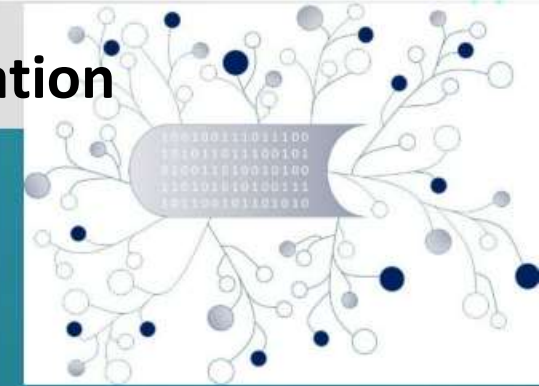


# Module A agenda: Digitisation – Terms and history



1. The difference between Digitisation, Digitalization and Digital Transformation
  - 1.1 Task – Multiple choices
2. The history of Digitisation - Video
  - 2.1 Task – Video and multiple choices

# 1. The difference between Digitisation, Digitalization and Digital Transformation



Considering the impact they have and the implementation chronology we have:

Digitisation

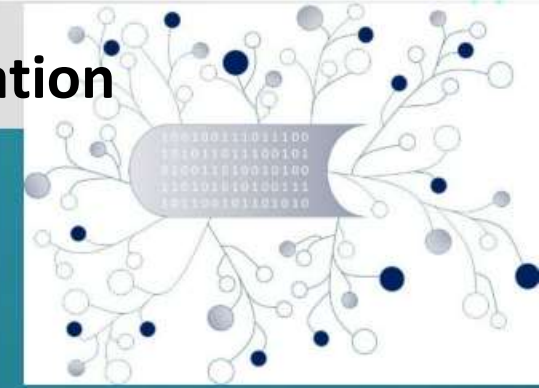
Digitalization

Digital Transformation.

# 1. The difference between Digitisation, Digitalization and Digital Transformation

## What means Digitization?

**Digitization** is the transition (conversion) from traditional forms of storage (magnetic tape records, paper documents, etc.) to binary code. Namely, the transition from analog to digital representation of things.



# 1. The difference between Digitisation, Digitalization and Digital Transformation

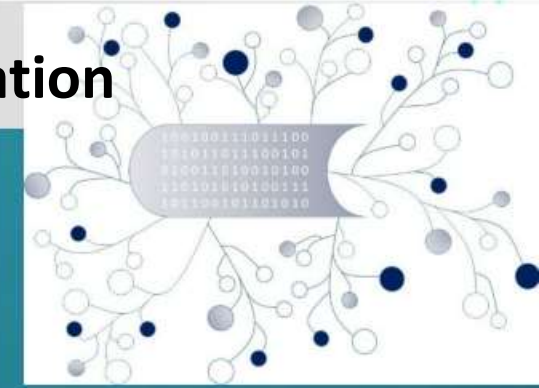
## What means Digitalization?

**Digitalization** it is defined from three distinct perspectives:

**In business**, digitalization means the activation, improvement, transformation of business operations or functions, models, processes or activities, through the use of digital technologies and data, actionable towards a predetermined goal.

The second perspective is the digitalization of an environment, areas or flow. The digital job involves: digital things; digital tools; social collaboration platforms; unified communication platforms

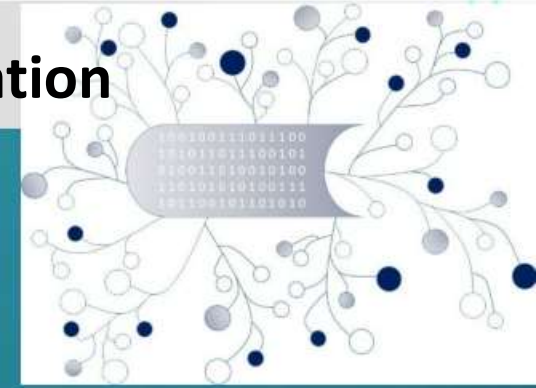
The third perspective of digitalization refers to the continuous adoption of digital technologies in all social and human activities: digital healthcare, predictive or preventive medicine; digital governance and marketing; digital advertising.



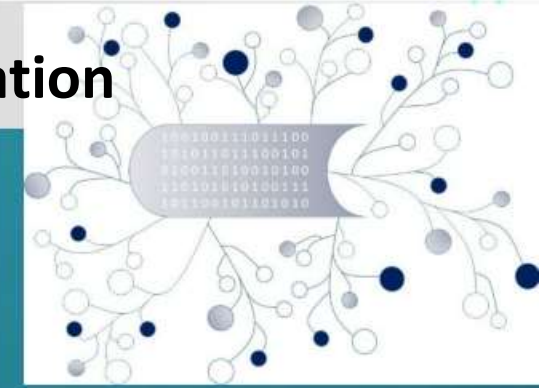
# 1. The difference between Digitisation, Digitalization and Digital Transformation

## What means Digital Transformation?

It is the profound and accelerated transformation of activities, processes, skills and business models, in line with the opportunities of digital technologies and their impact on cognitive-emotional activity, behavior and actions of individuals, leading to a new economy and society.



# 1. The difference between Digitisation, Digitalization and Digital Transformation



**Digitization:**  
Only the transformation  
from analog to digital.

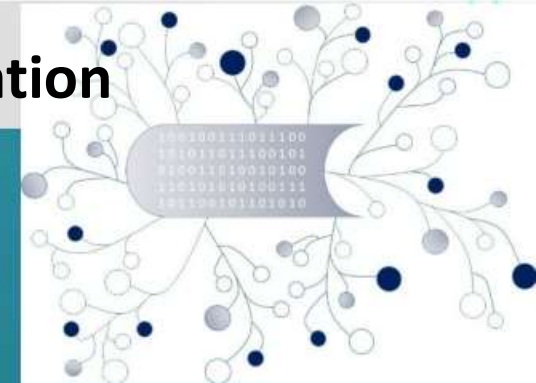
**Digitalization**  
Make digital information  
work for you.

**Digital transformation**  
Using the benefits of digitalization  
to create new business.

## Conclusion



# 1. The difference between Digitisation, Digitalization and Digital Transformation



## Task

TASK

Please answer the next H5P.org tasks!



# 1. The difference between Digitisation, Digitalization and Digital Transformation

## Task

## Task

Chrome File Edit View History Bookmarks People Tab Window Help

What is the Fourth Industrial Revolution? | Digital Future 2030 #Digital2030 | (1 unread) - almatx@yahoo.com | Digi-VET complete overview | Learners module a\_RO\_I | H5P

h5p.org/node/880412?feed\_me=mps

### Learners module a\_RO\_I

View Edit

Submitted by DigiVET on Sat, 05/09/2020 - 10:27

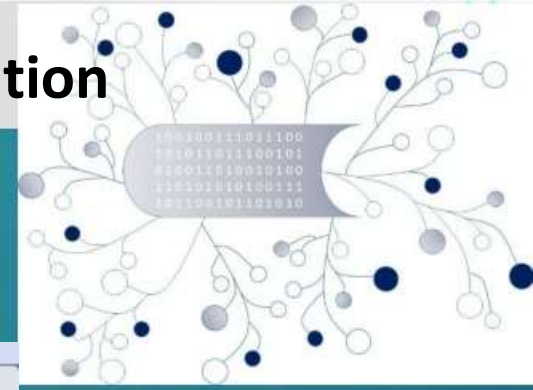
Thank you for trying out H5P. To get started with H5P read our [getting started guide](#)

Digitisation means:

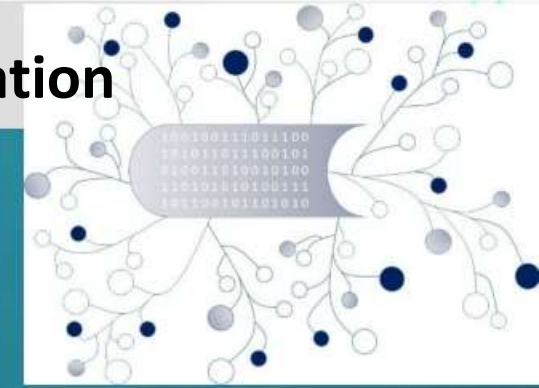
- transformation of business models, in accordance with the opportunities of digital technologies.
- conversion of data from traditional forms of storage into binary code.
- creation of unified communication platforms
- the transition of things from analog to digital representation.

Check

Reuse Embed



# 1. The difference between Digitisation, Digitalization and Digital Transformation



## Task

## Task

Chrome File Edit View History Bookmarks People Tab Window Help

What is the Fourth Industrial R... Digital Future 2030 4(Digit20) (unread - amate@yahoo.co... Digi-VET complete overview... Learners module a\_RO\_II | HSP

hsp.org/node/880415?feed\_me=eps

### Learners module a\_RO\_II

View Edit

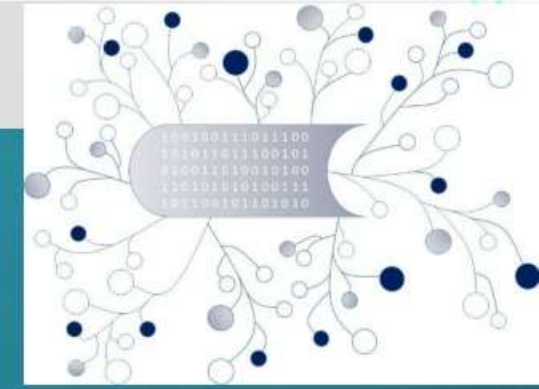
Submitted by DigiVET on Sat, 05/09/2020 - 10:32

Thank you for trying out HSP. To get started with HSP read our [getting started guide](#)

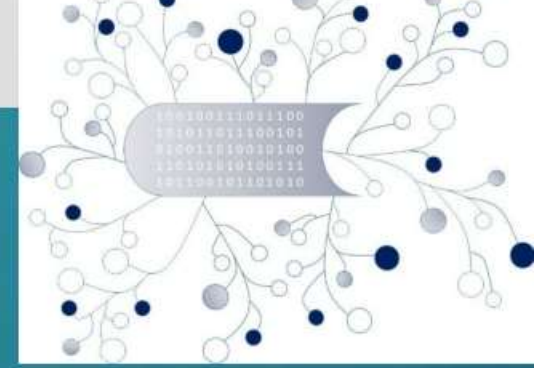
Which of the following definitions are correct:

- Digital transformation means the use of new technologies (virtual reality, drones, robots, etc.) to increase labor productivity and human safety.
- digitalization refers to the continuous adoption of digital technologies in all social and human activities.
- Digitization means making digital information work for you.
- Digitization means only the transformation from analog to digital.
- Digital transformation consists in using the advantages of digitalization to create new businesses.

Check



# The History of Digitization and Digital Transformation



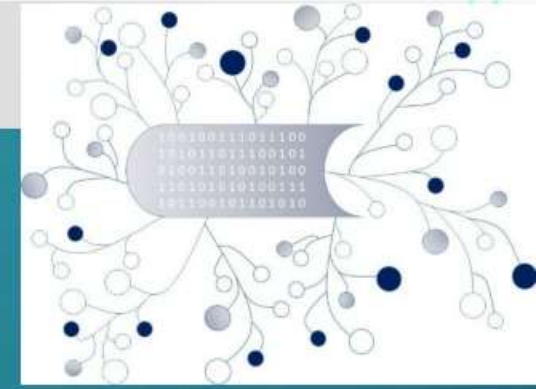
# Task

# Task

Please watch carefully the following video about the **history and terms of Digitisation, Digitalization and Digital transformation**

Please take some notes and then answer to the H5P.org questions!

# Task



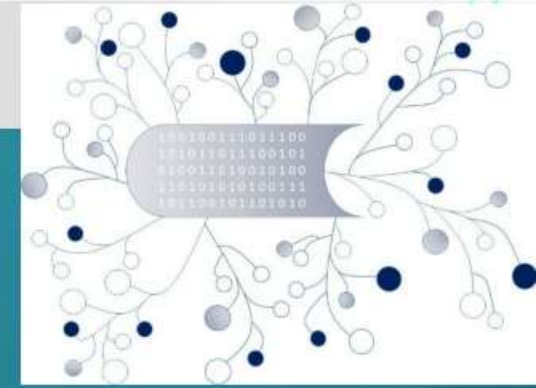
Task

Watch on YouTube:

<https://www.youtube.com/watch?v=iOdG4Atc2sY>

## 2. The History of Digitization and Digital Transformation

# Task



# Task

Chrome File Edit View History Bookmarks People Tab Window Help

What is the Fourth Industrial... Digital Future 2030 #Digi... unswat - almatex@y... Digi-VET complete even... Learners module a \_RO\_III Google Translate

h5p.org/node/660422?feed\_me=rips

### Learners module a \_RO\_III

View Edit

Submitted by DigiVET on Sat, 05/09/2020 - 10:39

Thank you for trying out H5P. To get started with H5P read our [getting started guide](#).

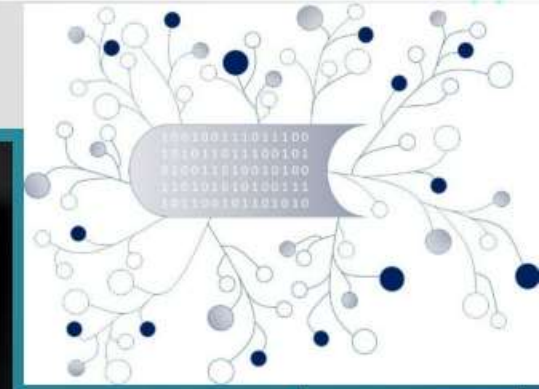
Looking the video <https://www.youtube.com/watch?v=iOdG4Atc2sY>, pick the correct answers.

- in the future people will no longer have jobs, they will be replaced by robots
- in 2011 the number of readers who informed themselves online exceeded that of those who read the newspapers in order to be informed.
- as a result of digitization, the information storage capacity has grown 4 times faster than the world economy
- nowadays, at any moment over 23 million are connected online who talk to each other.

Check

Reuse Embed

# Digitization Terms and History



**A.O.A.Arges**  
**Str. Victoriei 13 B Pitesti**

<http://www.aoaarges.ro>  
<http://digivet.eduproject.eu/>

**Dr. Ing. Daniel CRISAN**

Tel: +40 (0) 755 333 777  
E-Mail: [aoaarges@gmail.com](mailto:aoaarges@gmail.com)

The European Commission support for the production of this publication does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.