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DigI-VET
Fostering Digitization and Industry 4.0 in vocational education
2018-1-DE02-KA202-005145

DigI-VET modules for training measures

November 2019
UPB – Marc Beutner

Project Title   *DigI-VET*
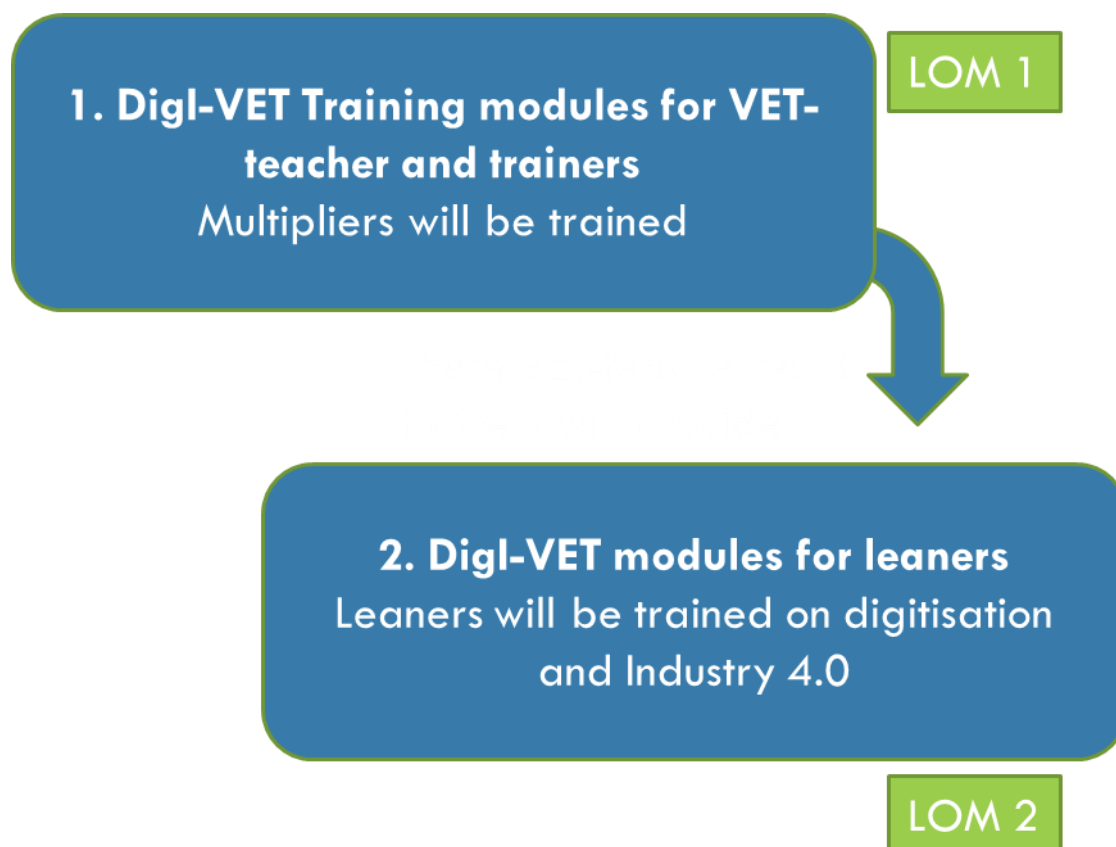
Reference Number   *2018-1-DE02-KA202-005145*

DigI-VET
Grant Agreement No.:
2018-1-DE02-KA202-005145
Learning Outcome Matrix

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The DigI-VET approach comes with two different VET training approaches. The partners will design one training for teachers and trainers in VET to foster multipliers and skilled persons who can provide a measure or course on digitization and industry 4.0 to learners. The DigI-VET partners will develop also such second measure for learners in VET that brings them in contact with the topic of digitization and industry 4.0 provides necessary experiences and ideas from existing industry 4.0 approaches in enterprises based on the showcases provided in the online observatory of DigI-VET.

The learning outcome matrices of DigI-VET (LOM1 and LOM2) provide insights in the addressed outcomes, suggested methodological approaches and possible assessments.

1. DigI-VET Training modules for VET-teacher and trainers
Multipliers will be trained

LOM 1

2. DigI-VET modules for leaners
Leaners will be trained on digitisation and Industry 4.0

LOM 2

The Learning Outcome matrices are designed to inform about the development of the curriculum structure to integrate Digitisation and Industry 4.0 in VET-courses. Focusing on a learning outcomes approach facilitates the tailoring of the pedagogic induction resources. This provides the possibility to suit specific cultural and societal values and ensures that local issues and necessary topics are addressed within the DigI-VET approach.

The DigI-VET training modules for VET teachers and trainers can be provided in separate teacher training courses or can be integrated in school internal teacher training.

DigI-VET focusses on four modules for teachers:

- Module 1:
  The DigI-VET project and the DigI-VET curriculum

- Module 2:
  Digitisation and
  Industry 4.0 –
   Terms and history

- Module 3:
  Good practices of digitisation and Industry 4.0

- Module 4:
  The need of digitisation in today´s world of work and insights into future developments

Moreover, DigI-VET provides three modules for VET learners. These module will come with learning materials and additional online tasks.

- Module A:
  Digitisation – Terms and history

- Module B:
  Industry 4.0 – Terms and history

- Module C:
  Current status and future developments

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The integrated online tasks for the learner modules are:

- Single-Choice questions

Digitisation is about the transformation of culture. It is the same as digitial tranformation

O No.

O Yes

Check

Reuse Embed

- Multiple Choice questions

Digitisation and digitalisation are crucial for enterprises in the EU.
Which items are correct?

☐ Digitisation and digitalistion improve efficiency and productivity.

☐ Digitisation and digitalisation are the same.

☐ Digitisation is crucial because it offers the opportunity to get more information in a digitial format.

☐ Digitalisation is not as crucial as digitisation for enterprises.

Check

Reuse Embed

- Fill in the Blank-tasks

Fill in the missing words in the definiton of Anna Irninger from 2017:

* Digitisation : Taking advantage of digitalization to create completely new business concepts
  : Making digitized information work for you
  :Transitioning from analog to digital"

Check

Reuse Embed

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- ## Drag and Drop tasks

Drag and Drop digital and analog formats

digital format	analog format

text file   drawing on a paper

oral communication   youtube video

✓ Check

⟳ Reuse   ⟲ Rights of use   ⟨⟩ Embed

- ## Images with hotspots

Find four hidden hotspots on the picture. Click on the information buttons on the keyboard picture to get addition information on digitisation processes.

Digital transformation can focus on technology. But is can also focus on the people. 4 of 4 Search for information on digitisation.
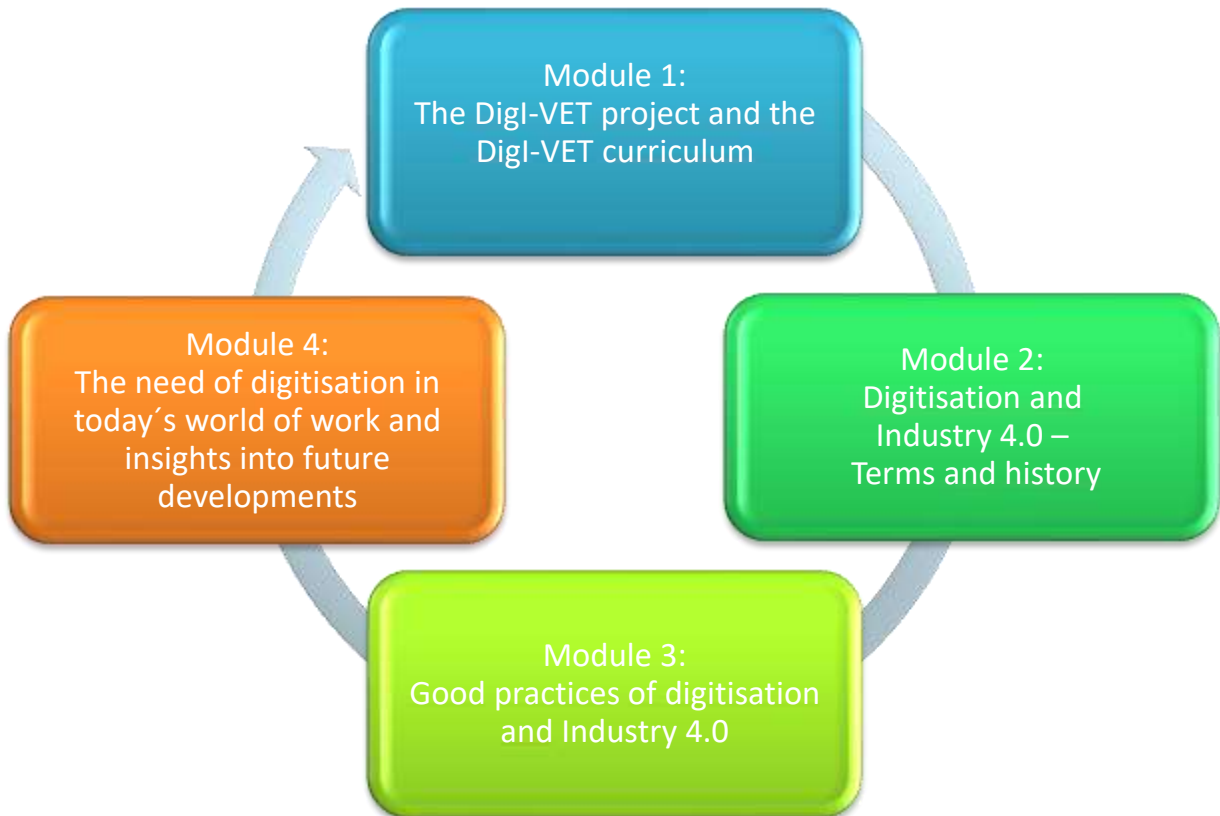
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So, the this is the overview on the module structure:

The four DigI-VET Training modules
for VET-teacher and trainers

Module 1:
The DigI-VET project and the
DigI-VET curriculum

Module 4:
The need of digitisation in
today´s world of work and
insights into future
developments

Module 2:
Digitisation and
Industry 4.0 –
Terms and history

Module 3:
Good practices of digitisation
and Industry 4.0

The three DigI-VET Training modules for VET learners

Module A:
Digitisation – Terms and history

Module C:
Current status and future developments

Module B:
Industry 4.0 – Terms and history