

**EDU-VET**

E-Learning, Digitisation and Units for Learning at VET schools –  
Creating online Learning Environments in Technical Education for  
European metal industry

**Questionnaire (English)**

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**Project Title:** E-Learning, Digitisation and Units for Learning at  
 VET schools – Creating online Learning  
 Environments in Technical Education for European metal industry

**Acronym:** EDU-VET

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Dear Participant,

We are very happy that you take your time to complete this questionnaire about e-learning in the metal sector. In the ERASMUS+ project EDU-VET we are focusing on new developments in digitization. We are going to develop learning modules for VET learners which can be used by VET teachers in combination with their classes. This can happen just online on a learning platform or within a blended learning approach where face-to-face learning in the classroom goes hand in hand with the information and tasks online. We design such module within the European Union and its member states. The core idea of this questionnaire is to get information on the current situation, on challenges and changes as well as on future perspectives. Therefore, it is important to get an impression how people related to the metal sector which are belonging to different countries of Europe think about this field and the developments in it.

So, it is interesting to get information how you think about these aspects.  
Here are some orientations:

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| **General instructions for completing the questionnaire:**  This questionnaire consists of a quantitative and qualitative part and addresses three thematic sections:   * General information * Environment resources and appropriate media * Estimations about digitisation and e-learning/ blended learning courses * Appropriate assessments * Opportunities and Challenges   To handle all questions, you need approximately 10 minutes.  All your information will be analysed and evaluated completely anonymously.  For any further questions we are at your disposal. You can reach us via our email address:  [Marc.Beutner@uni-paderborn.de](mailto:Marc.Beutner@uni-paderborn.de) |

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| --- |
| **General Information** |

|  |  |
| --- | --- |
|  | **Gender – I am …** |

|  |  |
| --- | --- |
| Female | ⭘ |
| Male | ⭘ |
| Rather not say | ⭘ |
| Other / Diverse | ⭘ |

|  |  |
| --- | --- |
|  | **Age** |

|  |  |
| --- | --- |
| Below 20 | ⭘ |
| 21-30 | ⭘ |
| 31-40 | ⭘ |
| 41-50 | ⭘ |
| 51-60 | ⭘ |
| Over 60 | ⭘ |

|  |  |
| --- | --- |
|  | **Status – I am …** |

|  |  |
| --- | --- |
| a VET trainer/ VET-teacher | ⭘ |
| a VET educator / VET-expert | ⭘ |
| a VET provider | ⭘ |
| an employer representative | ⭘ |
| an employee representative | ⭘ |
| a union member | ⭘ |
| an Educational and Career Counsellor | ⭘ |
| a chamber representative | ⭘ |
| I am another type of educational expert | ⭘ |
| Other | ⭘ |

|  |
| --- |
| **Environment resources and appropriate media** |

|  |  |
| --- | --- |
|  | **At our institution there are …** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | many | several | just a few | no |
| teachers with adequate IT skills. | ⭘ | ⭘ | ⭘ | ⭘ |
| teachers with knowledge how to handle e-learning. | ⭘ | ⭘ | ⭘ | ⭘ |
| teachers with knowledge how to handle blended learning. | ⭘ | ⭘ | ⭘ | ⭘ |
| teacher with organisational skills. | ⭘ | ⭘ | ⭘ | ⭘ |
| teachers applying theoretical knowledge in the metal sector. | ⭘ | ⭘ | ⭘ | ⭘ |
| teachers applying practical work in the metal sector. | ⭘ | ⭘ | ⭘ | ⭘ |
| facilities and technical equipment which can be used for teaching with digital media. | ⭘ | ⭘ | ⭘ | ⭘ |
| PCs for the learners. | ⭘ | ⭘ | ⭘ | ⭘ |
| Smart boards. | ⭘ | ⭘ | ⭘ | ⭘ |
| possibilities to use learning platforms like Moodle, Blackboard, ILIAS, Learning Space, CANVAS, Schoology, Accord LMS etc. | ⭘ | ⭘ | ⭘ | ⭘ |
| rooms which can be used for teaching with digital media. | ⭘ | ⭘ | ⭘ | ⭘ |
| Other, please specify: | ⭘ | ⭘ | ⭘ | ⭘ |

|  |  |
| --- | --- |
|  | **Which learning platforms are appropriate for the metal sector …** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | very appropriate | appropriate | inappropriate | I can´t say |
| Moodle | ⭘ | ⭘ | ⭘ | ⭘ |
| Blackboard | ⭘ | ⭘ | ⭘ | ⭘ |
| ILIAS | ⭘ | ⭘ | ⭘ | ⭘ |
| Learning Space | ⭘ | ⭘ | ⭘ | ⭘ |
| Canvas | ⭘ | ⭘ | ⭘ | ⭘ |
| Schoology | ⭘ | ⭘ | ⭘ | ⭘ |
| Accord LMS | ⭘ | ⭘ | ⭘ | ⭘ |
| Other, please specify: | ⭘ | ⭘ | ⭘ | ⭘ |

|  |  |
| --- | --- |
|  | **Do you have any of such didactic materials or resources for the metal sector?** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | many | several | just a few | no |
| Worksheets as WORD documents or PDF | ⭘ | ⭘ | ⭘ | ⭘ |
| Single choice or Multiple choices questions | ⭘ | ⭘ | ⭘ | ⭘ |
| Interactive tasks (like drag and drop questions or ordering questions etc.) | ⭘ | ⭘ | ⭘ | ⭘ |
| Audios | ⭘ | ⭘ | ⭘ | ⭘ |
| Videos | ⭘ | ⭘ | ⭘ | ⭘ |
| Graphics and illustrations | ⭘ | ⭘ | ⭘ | ⭘ |
| Online courses | ⭘ | ⭘ | ⭘ | ⭘ |
| MOOCs (Massive open online courses) | ⭘ | ⭘ | ⭘ | ⭘ |
| OER (Open educational resources) | ⭘ | ⭘ | ⭘ | ⭘ |
| Blended learning scenarios | ⭘ | ⭘ | ⭘ | ⭘ |
| Quizzes | ⭘ | ⭘ | ⭘ | ⭘ |
| Best practice examples from enterprises | ⭘ | ⭘ | ⭘ | ⭘ |
| Learning programmes/ software | ⭘ | ⭘ | ⭘ | ⭘ |
| Other, please specify: | ⭘ | ⭘ | ⭘ | ⭘ |

|  |  |
| --- | --- |
|  | **Do you think such didactic materials or resources are important for teaching in the metal sector?** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | very important | important | less important | unimportant |
| Worksheets as WORD documents or PDF | ⭘ | ⭘ | ⭘ | ⭘ |
| Single choice or multiple choices questions | ⭘ | ⭘ | ⭘ | ⭘ |
| Interactive tasks (like drag and drop questions or ordering questions etc.) | ⭘ | ⭘ | ⭘ | ⭘ |
| Audios | ⭘ | ⭘ | ⭘ | ⭘ |
| Videos | ⭘ | ⭘ | ⭘ | ⭘ |
| Graphics and illustrations | ⭘ | ⭘ | ⭘ | ⭘ |
| Online courses | ⭘ | ⭘ | ⭘ | ⭘ |
| MOOCs (Massive open online courses) | ⭘ | ⭘ | ⭘ | ⭘ |
| OER (Open educational resources) | ⭘ | ⭘ | ⭘ | ⭘ |
| Blended learning scenarios | ⭘ | ⭘ | ⭘ | ⭘ |
| Quizzes | ⭘ | ⭘ | ⭘ | ⭘ |
| Best practice examples from enterprises | ⭘ | ⭘ | ⭘ | ⭘ |
| Learning programmes / software | ⭘ | ⭘ | ⭘ | ⭘ |
| Other, please specify: | ⭘ | ⭘ | ⭘ | ⭘ |

|  |
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| **Estimations about digitisation and e-learning/ blended learning courses** |

|  |  |
| --- | --- |
|  | **Tell us your opinion: Currently, digitization is …** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| important | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | unimportant |
| interesting | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | uninteresting |
| motivating | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | demotivating |
| fun | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | boring |
| innovative | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | old-fashioned |
| helpful | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | not helpful |
| useful | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | useless |
| necessary | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | unnecessary |
| easy to use in teaching | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | hard to use in teaching |
| easy to use in learning | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | hard to use in learning |

|  |  |
| --- | --- |
|  | **Tell us your opinion: Currently, e-learning courses in the metal sector are …** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| important | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | unimportant |
| interesting | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | uninteresting |
| motivating | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | demotivating |
| fun | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | boring |
| innovative | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | old-fashioned |
| helpful | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | not helpful |
| useful | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | useless |
| necessary | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | unnecessary |
| easy to use in teaching | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | hard to use in teaching |
| easy to use in learning | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | hard to use in learning |

|  |  |
| --- | --- |
|  | **Tell us your opinion: Currently, blended learning courses in the metal sector are …** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| important | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | unimportant |
| interesting | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | uninteresting |
| motivating | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | demotivating |
| fun | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | boring |
| innovative | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | old-fashioned |
| helpful | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | not helpful |
| useful | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | useless |
| necessary | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | unnecessary |
| easy to use in teaching | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | hard to use in teaching |
| easy to use in learning | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ | hard to use in learning |

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| **Appropriate assessments** |

|  |  |
| --- | --- |
|  | **Which types of assessment are appropriate for e-learning or blended learning in the metal sector?** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | very appropriate | appropriate | inappropriate | I can´t say |
| Audio/ podcast creation | ⭘ | ⭘ | ⭘ | ⭘ |
| Video creation | ⭘ | ⭘ | ⭘ | ⭘ |
| Ordering task | ⭘ | ⭘ | ⭘ | ⭘ |
| Wall papers / poster | ⭘ | ⭘ | ⭘ | ⭘ |
| Mind maps / concept maps | ⭘ | ⭘ | ⭘ | ⭘ |
| Practical tasks | ⭘ | ⭘ | ⭘ | ⭘ |
| Formative assessment | ⭘ | ⭘ | ⭘ | ⭘ |
| Summative assessment | ⭘ | ⭘ | ⭘ | ⭘ |
| Other, please specify: | ⭘ | ⭘ | ⭘ | ⭘ |

|  |  |
| --- | --- |
|  | **Which other types of assessment are appropriate for e-learning or blended learning in the metal sector?** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | very appropriate | appropriate | inappropriate | I can´t say |
| Class tests | ⭘ | ⭘ | ⭘ | ⭘ |
| Online question tests | ⭘ | ⭘ | ⭘ | ⭘ |
| Interactive tasks | ⭘ | ⭘ | ⭘ | ⭘ |
| Case study | ⭘ | ⭘ | ⭘ | ⭘ |
| Realistic/ authentic problem | ⭘ | ⭘ | ⭘ | ⭘ |
| Diagnostic tests | ⭘ | ⭘ | ⭘ | ⭘ |
| Writing tasks | ⭘ | ⭘ | ⭘ | ⭘ |
| Oral assessments | ⭘ | ⭘ | ⭘ | ⭘ |
| Presentations | ⭘ | ⭘ | ⭘ | ⭘ |
| Other, please specify: | ⭘ | ⭘ | ⭘ | ⭘ |

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| --- |
| **Opportunities and Challenges** |

|  |  |
| --- | --- |
|  | **What are the opportunities of digitisation and e-learning in the metal sector?** |

|  |
| --- |
| Opportunities of digitisation: |
| Opportunities of e-learning: |

|  |  |
| --- | --- |
|  | **What are the challenges of digitisation and e-learning in the metal sector?** |

|  |
| --- |
| Challenges of digitisation: |
| Challenges of e-learning: |

|  |  |
| --- | --- |
|  | **Do you want to provide other comments on the topic?** |

|  |
| --- |
|  |