



Finansiert av
Den europeiske union

Minutes of meeting

Place: MHtE, Budapest, Hungary
Budapest, Mogyoródi út 31

Date: Monday July 1
Tuesday July 2th

Participants:

H. Dascau	ISIM
A.Biholar	ISIM
M Uran	IzV
B. Gayer	MHtE
A. Kemeny	MHtE
E. Engh	QMS

09.00 Welcome to by Bela and an overview of the project-administrative tasks Erik.

09.30 Walk through of status for WP-2 .Finishing/Delivery date 01.07.2024

Comment from Erik; Based on a telephone conversation with HKDIR in Norway, (National Office) It was stated that the delivery date is not crucial, but what is important is the quality of the delivered results.

Presentation of the results by Miro and Horia:

Delivery D2.1. GENERAL OBJECTIVES:

Develop, test out and evaluate a new blended- and work based learning framework improving industry skills within VET for joining processes, to be supported by innovative simulator tools.

D2.1: Deliver a refined framework of blended- and work based learning and teaching methods applying welding simulators, WS, that has been discussed at the project preparation stage.

D2.1 Plan for blended learning implementation.

*Add specification on how to use/implement a CU in the course add examples **from IzV and KAB***

Delivery: A guideline with implementation plan, with a refined framework of blended- and work based learning and teaching methods applying WS.

(Max 10 pages)

Horia to add assessment for the Guideline.

Qualitative indicator: The guideline may be used for planning purposes in other horizontal, VET training activities applying WS, focusing on teachers needs.

Agreed upon on the previous project meeting.

Miro made a presentation of his work, revision 4 of the document of the base Guideline. The attendees agreed that they will send feedback (by mail or by using Trello) to this revision within two weeks. Then Miro will compile a new revision and distribute—and upload it to TRELLO.

D2.2: Hands on demonstrations of WS tools to VET, provides wishing to use blended and work based learning in joining processes settings. A set of demonstration examples to be developed. The first set of train the trainer courses for the teachers to be developed.

D2.2 Demonstration of simulator tools. Deliver one demonstration in Slovenia, Hungary and one in Romania Demonstration of simulators. The demonstrations will be carried out by one expert in technical issues and one in pedagogical issues.

Qualitative indicator: Teachers with various experience from mechanical industry, may apply and use the proposed methods and WS.

The project will use different types of WS tools in this work. The most appropriate tool will be selected by the participants, depending on the pilot course participants. The demonstration examples will be shared and a detailed discussion will take place in the next meeting.

1300-14.00

Lunch

Finishing/Delivery date 01.07.2024

**Delivery D2.3—Responsible Bela, Miro and Horia
Presentation of the results by Bela, Miro and Horia**

D2.3: Small scale piloting with application of WS in partner countries will start short after the hands-on demonstrations. (Fillet welders in Hungary and Inspectors in Romania and Slovenia). EWF guidelines will be used as reference.

D2.3 Piloting in partner countries. Deliver two pilot activities in Slovenia, Romania and one in Hungary. Completed pilot training.

Qualitative indicator: Structure and prepare pilot in such a format that it may lead to or become part of a EWF diploma (which is recognized in all European countries).

Each partner will develop a pilot Agenda, with content and case studies, before running the pilot course. After the course a short summary, from the attendees, shall be submitted for reference and experience background.

Walk through of status for WP-2

Finishing/Delivery date 01.07.2024

Delivery D2.4—Responsible: To be decided in this meeting

Presentation of the results:

D2.4: A first set of pedagogical guidelines and scenarios for how methods, services and WS tools can be used in a learning context towards joining processes, will be provided.

D2.4 First set of pedagogical guideline

First set of pedagogical guideline

Qualitative indicator: The pedagogical guideline may be used in other horizontal VET training activities applying WS.

«»»Examples of ped guidelines (blended Learning) to be circulated to Participants«»»»»

Horia will take care of writing the guideline for item D2.4

Use of Trello—Hands on demonstration to be given by Miro.

Miro had a walk through of how to use the Trello system. He had already built the structure in Trello for the project.

From this meeting Trello will be used for communication of project documents

WP3 GENERAL OBJECTIVES:

To test and evaluate delivery of blended- and work based learning within VET that is applying WS tools.

D3.1 *D3.1: Developing a set of industry cases. These cases will be of two different types; positive cases, that means industry cases where the results are positive and negative cases; where the results are failures, and a set of relevant questions for the students.*

(Horia,
Bela,
Miro)

D3.1: Four industry cases. Qualitative indicators: The industry cases may be used for planning purposes in other horizontal VET training activities applying WS.

D3.1 Industry cases from each country. 4 industry cases developed

This means that each participants should deliver two set (positive and negative) of Industry cases each as a minimum. The reference name for the industry cases to be delivered without name of the client.

D3.2 *D3.2: Develop new training materials to be organized like guidelines and teaching scenarios.*

Everybo
dy

D3.2: Training materials developed for usage together with WS, for usage in two courses in Romania and Slovenia and one course in Hungary based up on one process for the European Welder /Inspector Education, as specified in the EWF guidelines.

Qualitative indicators: The training material may be accepted as a reference training material for Fillet Welder Education (Probably using IQSIM CUs as reference, 3 CU)

D3.2 Developing training reference materials. 3 Competence Units, CU, with training material and students tasks

«»»(Add Technical Spec of training material delivery to be developed)«»»»»

Minimum one CU for each country, Hungary, Romania, Slovenia. Then the participants have to coordinate which CUs to be created to avoid duplications. CUs can be exchanged and modified by the participants.

D3.3 D3.3: Develop a best practice pedagogical guideline for application of WS in VET

(John) D3.3: Deliver best practice guideline. Qualitative indicators: The guideline may be used for planning purposes in other horizontal training activities applying WS.
Develop

D3.3 Developing for training guideline for industry needs. One guideline for application towards Romanian, Hungarian and Slovenian industry needs.

Additionally the project will investigate how to use of the WS tools can cover calculation of the energy consumption, CO2 footprints and other emissions.

«»(Add Technical Spec of pedagogical topics to be developed)«»

Number and profile of participants:

Romania: 6 experienced teachers and instructors that delivers training to staff from mechanical industry with a focus on joining process.

Hungary: 5 experienced teachers and instructors that delivers training to staff from mechanical industry with a focus on joining process.

Slovenia: 4 experienced teachers and instructors that delivers training to staff from mechanical industry with a focus on joining process.

To be discussed at the next meeting.

WP-4 **Specification of tools and methods for "greening" of various welding processes**

GENERAL OBJECTIVES:

Develop new, innovative guidelines addressing energy consumption, CO2 emission and pollution during joining processes of metals, together with specifications allowing teachers and instructors to implement these issues into their courses.

SO4.1 SO4.1. Develop a plan for blended learning implementation in VET sector

(Erik,
Zuheir)

D4.1: A guideline describing how to plan the implementation WS into organizations delivering VET

Qualitative indicator: The guideline may be used for planning purposes in other horizontal VET training activities applying WS.

D4.1 Blended learning implementation of simulator guideline.

SO4.2 SO4.2. Deliver hands on demonstrations for VET teachers and instructors

(Erik,
Zuheir)

D4.2: Ideas for demonstrations of the new WS tools to VET teachers from the participating VET institutions wishing to use blended and work based learning in a manufacturing processes. To get feedback on concept ideas

Qualitative indicator: Teachers with various experience from mechanical industry, may apply and use the proposed methods and WS tools.

D4.2 Hands on Demonstration. Training of teachers from VET providers

SO4.3 SO4.3. Piloting and implementation in partner countries at VET level through testing and evaluation in WP5

Result for the piloting to be defined the output at a later stage of the project.

(TBD
next
meeting)

D4.3: Pilot courses in partner countries. They will start after the hands on demonstrations. Parallel to this stage the WP4 team will elaborate the monitoring and support tools and support access and feedback mechanisms necessary for the teachers.

D4.3 Deliver one external pilot activity in Romania and one in Hungary and Slovenia. Qualitative indicator: Structure and prepare pilot in such a format that it may lead to or become part of an EWF Diploma

D4.3 Pilot training activity. Complete pilot training with new industry examples. No of participants: Free to partners to decide

Romania: 8 experienced teachers and instructors that delivers training to staff from mechanical industry with a focus on joining process.

Hungary: 7 experienced teachers and instructors that delivers training to staff from mechanical industry with a focus on joining process.

Slovenia: 4 experienced teachers and instructors that delivers training to staff from mechanical industry with a focus on joining process

SO4.4 *SO4.4. Refine the first set of baseline guidelines, specification, and scenarios for VET during implementation (see heading for WP4)*

(erik,
Zuheir)

D4.4: A guideline describing how to apply and implement WS into blended learning frameworks

D4.4: Guideline with a description of how to implement the pedagogical methods. Qualitative indicator: The pedagogical guideline may be used in other horizontal VET training activities applying WS.

D4.4 Implementation of pedagogical method guideline. Pedagogical reference and test guideline

First draft to be delivered for discussion to the next meeting in Timisoara.

WP-5 GENERAL OBJECTIVES:

Develop a teacher training AT pilot course for application of WS tools into blended learning frameworks.

SO5.1 *SO5.1: Development of a hands on pilot course for VET **teaching** professionals. (practical exercises for teachers)*

D5.1: Course design and development of the hands on pilot training with learning scenarios applying WS.

(TBD
next
meeting)

Qualitative indicator: How well the guideline, from WP4, may be used for planning purposes in other training activities applying WS tools.

D5.1 Implementation of VET program. Implementation of a professional VET program

SO5.2 *SO5.2: Evaluate and develop best practice guidelines based up on the delivery of an instructor training course for teaching professionals.*

(TBD
next
meeting)

D5.2: Evaluating course delivery on use to produce best practice guidelines by embodying participants' experiences and cultural background and fostering the exchange of their ideas, proposals and materials. Based on train the trainer in WP4

Qualitative indicator: Teachers with various experience from mechanical industry, may apply and use the proposed best practice methods for application of WS.

D5.2 Evaluation of course delivery. Evaluation of the implementation of the professional instructor VET program

leading to best practices.

To be discussed further in the next meeting in Timisoara.

Multiplier events and dissemination

Ongoing tasks to be reported by all participants. This will increase the visibility of the project as well.

A multiplier event plan to be presented to next meeting.

Each participant to present a dissemination activity plan for next meeting.

Project logo to be sent PM who will circulate for voting by the participants and to be decided within the next three weeks.