

# Erasmus+ project: Qualification, Validation and Certification of Maintenance Personnel

Goto meeting, 16<sup>th</sup> March 2020

## **Present:**

Guðmundur Jón Bjarnason  
Torsten Ekström  
Ilkka Palsola  
Zsolt Nyeste  
Damjan Maletič  
Tomáš Hladík  
István Páll  
Ingemar Andreason

## **Absent:**

Maria Malmrud  
József Csiba  
Mikaela Malmrud  
Silvia Stepanova  
Jaakko Tennilä  
Jan Skarka

### **1) Status regarding creating questions for managers and engineers/supervisors**

The following was noted:

- Our focus is still only on MCQ (Multiple Choice Questions)
- Torsten has adjusted the Google Drive Directory for questions
- Torsten introduced an Excel sheet where we will keep track of how many MCQ have been created. Later on countries with few subjects can help out countries with more subjects.
- All should keep it in mind that we can suggest changes to subject - framework, but also keep in mind that the structure must be the same for all levels.
- References: It was suggested to have rather few widely accepted books/standards as references. The books do not all have to come from Europe. Some questions will be based on tacit knowledge, it will be assumed that the candidates taking the exams will have gone through basic education within the field. Terminology will in all cases be based on EN13306.
  - It was mentioned that it would be good to have a reference column in the Excel template
- Finland: There has been no meeting with the question making group. There is material available for creating questions, but as of now only 5 MCQ have been uploaded.
- Iceland: A team has been established. As of now 14 questions have been uploaded and 25 questions will be uploaded soon. The team has gotten reference suggestions from George, widely accepted standards and books.
- Czech republic: A team is working. About 10 Excel files with about 60 - 70 questions have been created, some of them yet to be uploaded / put into the new structure, Tomas will do that
- Slovenia: A team has been created. About 20 questions have been created, but yet to be uploaded.

- Hungary: A team has been created, they have had two meetings. About 10 -20 questions have been uploaded and another 10 - 20 are close to being completed. Páll has uploaded a document with suggested references.
- Sweden: An industrial team is about to be established with around 10 people from different branches willing to contribute. Examples have been made. Also, roughly 300 MCQ are available within different areas, but they have not been uploaded.

## **2) Invoicing for payment two**

Project management will be fully prepaid, Torsten has sent instructions. Making questions will be 80% prepaid, Torsten will send instruction.

In Annex three there are information about multiple events.

Next on-site meeting planned in Slovenia next autumn.

## **3) Timeplan**

One milestone is to produce at least 100 questions per nation per month, do we have to revise that milestone in the light of covid 19?

There must also be given time for testing the questions in the last few months, it was that the project plan needs to account for this and all other work needed to complete the project. Ingemar and Torsten explained that it is addressed in the document for the timetable of the project. The timeplan will be updated as needed.

## **4) Other issues**

No other issues discussed.