**WP2– Sustainable Development of Industry 4.0 Competence Development Training Program**

**Task 2.1 Designing an Industry 4.0 Competence Development Training Program/ M4-Project-Based and Problem-Based Learning**

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| **Project Acronym:** | ReCap4.0 |
| **Project full title:** | Reinforcing Non-University Sector at the Tertiary Level in Engineering and Technology to Support Thailand Sustainable Smart Industry |
| **Project No.:** | 619325-EPP-1-2020-1-TH-EPPKA2-CBHE-JP |
| **Work Package N° and title** |

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| WP2-Task 2.1 Designing an Industry 4.0 Competence Development Training Program |

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| **WP Leader**  | Pisut Koomsap (AIT) and Cathal de Paor (MIC) |
| **Deliverable (Task) N°/Title**  |

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| Task 2.1 Designing an Industry 4.0 Competence Development Training Program/ M4-Project-Based and Problem-Based Learning |

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| **Author responsible for the Deliverable**  | Rui M. Lima, Diana Mesquita, Rui M. Sousa |
| **Date of Deliverable submission**  | 27.10.2022 |
| **Status:** | First draft |
| **Dissemination Level:** | Internal |

**Revision Sheet**

|  |  |  |  |
| --- | --- | --- | --- |
|  **Version** | **Date** | **Author (Partner/Person)** | **The revision reason** |
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**Assessment of Deliverables**

**Adequacy with the format**

Mark with X the appropriate column (Y: Yes - N: No - NA: Not applicable)

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| **Format** | **Y** | **N** | **NA** | **Comments** |
| Does the document meet the commitments from Application Form? *(answer with Y/ N only)* | P1P2P3 P4P5P6P7 |  | P8 |  |
| Does the document contain: WP number, Deliverable name, Version, Author Name and Date? |  |  | P1 P2P3 P4 P5P6 P7P8 |  |
| Does the document contain all the necessary official logos of the project and the program? | P1P3 P4P5P6P7 P8 | P2 |  | P1.P4. The logos are missing in some slides P6. Details of the funder and logos missing from some slides.P6. Details of the funder and logos missing from some slides |
| Does the document include a Table of Contents? |  |  | P1 P2P3P4 P5P6 P7P8 |  |
| Does the document include a list of participants and reviewers (approvals)? |  |  | P1 P2P3P4 P5 P6P7P8 |  |
| Does the document use the fonts and paragraphs defined in the official template? | P5 P6 |  | P1 P2P3P4 P7P8 |  |
| Does the spelling, grammar etc. of the document is appropriate? | P1P2P3 P4P5 P6P7P8 |  |  |  |

**Quality evaluation**

The following scores will be utilized in delivery review; 1-Poor;2-Average;3-Satisfactory;4-Good;5-Very Good

Mark with X the appropriate column:

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Question** | **P1** | **P2** | **P3** | **P4** | **P5** | **P6** | **P7** | **P8** | **Total** | **Score** | **Comments** |
| **How deliverable comply with the WP objectives as specified in the WP description?**  | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 40 | VG |  |
| **Please see observations bellow concerning D3** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 40 | VG | P8. Please see observations bellow concerning D3 |
| **The clarity of the contents of the document is evaluated as…** | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 35 | VG | P1. See below observationsP6. Good use of images and visuals |
| **How is the treatment of the contents of the document regarding the required depth?** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 40 | VG |  |
| **The quality of the contents of the document is evaluated as** | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 37 | VG | P8. Please see observations bellow concerning D3 |
| **Does the document need the addition of sections to reach completeness (Yes/No)? Specify which ones** | No |
| **Are there any sections in the document that should be removed (Yes/No)?** **Specify which ones** | No |

**Observations/ suggestions** (add rows as needed)

|  |  |  |  |
| --- | --- | --- | --- |
| **Partner** | **Deliverable/ Page No.** | **Section** | **Observations / Suggested Improvement** |
| P1 | D3/5, 8, 10, 11, 13,… |  | Official logos are missing or hidden in many slides |
| P1 | D3/2, 5, 8, … |  | Slide numbers are missing in many slides |
| P1 | D3/31 |  | It is not good to have handwriting on the slide. Also, the quality of the text box is not good  |
| P1 | D3/8 |  | QR code is partially hidden |
| P2 | 1,46,87,131 |  | The writer professor name are on our university member logo |
| P2 | 3,15 |  | This slide and others no slide number. |
| P2 | 5,8,10,11,13,15,48,49,50,52-55,109,126,140,143,146,147,149-155,157, |  | No Erasmus logo |
| P2 | 34,102,115,124,136, |  | No writer |
| P2 | 56,86,101,121,129 |  | Text over Erasmus logo |
| P2 | 125 |  | Double Erasmus logo |
| P2 | 147-157,158 |  | Small letter |
| P3 |  |  | For consistency, page numbers should be run consecutively. Some slides do not have a page number. Please add it accordingly**.** |
| P3 | D3/10 |  | The color of the bar chart is too light, difficult to see from far away. Please adjust it properly |
| P3 | D3/18 |  | The picture is too small, please adjust it properly. |
| P3 | D3/45 |  | Please change the word “Referências” to English. |
| P3 | D3/61 |  | Some of the texts are in light grey, difficult to see. |
| P3 | D3/121 |  | The page was overlaid by a text box. Hence items 3 and 4 cannot be seen.  |
| P3 | D3/148 |  | Pictures were too small, difficult to see. |
| P3 | D3/149 |  | Texts in the picture are too small and the colors are too light, difficult to see. |
| P4 | 2 | ReCap4.0-PBL @Portugal Meeting | If the slides will be used for other events, it would be better to arrange the agenda without specifying the exact dates such as 2022.09.19 etc. It is also shown in other pages throughout the slides. |
| P4 | P.10, 11,13 |  | Several pages should add the official logos. |
| P4 | P7,8,9 | Create your own padlet | These pages do not contain the page number including the official logos |
| P4 | P14 – P21  | 1.Definitions of PBL | These pages do not contain the page number. It is inconvenient to refer the exact page number. |
| P4 | P22 – P28 | 2. PBL Models | These pages do not contain the page number. It is inconvenient to refer the exact page number. |
| P4 | P17 – P18 | Curricular organization | Should there be a table header? |
| P4 | P15 – P16 | Two-stage assessment | These pages do not contain the page number including the official logos |
| P4 | P18 | Example: Peer Assessment | Is it possible to add a table header? |
| P4 | P19 – P25 | Example: Peer Assessment | These pages do not contain the page number including the official logos |
| P4 | P28 | WKS4-Deliverable | There are handwritten on the slides. There is background of the slide as well. |
| P4 | P5 | Deliverable (The last set of slides) | Please check whether it should be written as “presentations” as it is the last page of the slides.  |
| P6 | 2 | ReCap4.0-PBL @Portugal Meeting | Dates could be removed if these slides are to be used in future training  |
| P6 |  |  | Logos and funding details missing from many of the slides |
| P6 |  |  | The word presentations in the last slide is confusing?  |
| P7 | D3 |  | I think it is useful for the training program to present more specific aspects with adapted examples of improvement of competencies and skills of teaching staff of non-university sector at the tertiary level in Thailand by training them with the Industry 4.0 competency development training program containing Industry 4.0 knowledge from the recently developed courses of MSIE 4.0 curriculum, teaching skills development and learning experience-focused course design and development |
| P8 | D3/8 |  | Graph overlaps the QR code |
| P8 | D3/10,11,13,etc. |  | Logos not visible |
| P8 | D3/35 |  | Developers are missing |
| P8 | D3/n.a. |  | D3 is composed of a series of slide sets. At the beginning, it would be interesting to have a slide identifying these sets. |

**Reviewer Assessment**

(Mark with X the appropriate line)

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| **Document accepted; no changes required** | P5 |
| **Document accepted but changes required** | P1 P2 P3 P4 P6 P7 P8 |
| **Document not accepted; it must be reviewed after changes are implemented** |  |
| **Date of Review** | 15.11.2023 |
| **Reviewer’s Name & Organization (from QCMB)** | Szuder Andrei , P7 UPB |

**QCMB Chair Consolidated Assessment**

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| --- | --- |
| **Document accepted; no changes required** |  |
| **Document accepted but changes required** |  |
| **Document not accepted; it must be reviewed after changes are implemented** |  |
| **Suggestions for improvement (if applicable)** |  |
| **Date of Quality assurance performed**  |  |
| **Deadline for submission of amended version of deliverable (if applicable)**  |  |

**PEC Approval**

|  |  |
| --- | --- |
| **Document accepted; no changes required** |  |
| **Document accepted but changes required** |  |
| **Document not accepted; it must be reviewed after changes are implemented** |  |
| **Suggestions for improvement (if applicable)** |  |
| **Date of Quality assurance performed**  |  |
| **Deadline for submission of amended version of deliverable (if applicable)**  |  |