



# ERASMUS+ CBHE PROJECT # 585760-EPP-1-2017-1-AM-EPPKA2-CBHE-JP

# PRINTeL

# "CHANGE IN CLASSROOM: PROMOTING INNOVATIVE TEACHING & LEARNING TO ENHANCE STUDENT LEARNING EXPERIENCE IN EASTERN PARTNERSHIP COUNTRIES"

# QUALITY ASSURANCE REPORT ACTIVITIES OF YEAR 4 (planned yr. 3) ALL WORK PACKAGES

| AC   | Academic Council               | TF   | Task Force                               |
|------|--------------------------------|------|--|
| DEV  | Development                    | ToR  | Terms of Reference                       |
| DISS | Dissemination                  | тот  | Training of Trainers                     |
| EPC  | European Partner Country       | TSDC | Teaching Strengthening staff Development |
|      |                                |      | Centers                                  |
| HEI  | Higher Education Institute     | TT   | Teacher Training                         |
| LP   | Lead Partners                  | QA   | Quality assurance                        |
| OER  | Open Educational Resources     | QC   | Quality Control                          |
| OP   | Operational Plan               | QC&M | Quality Control and Monitoring           |
| PC   | Partner Country                | QEC  | Quality Evaluation Committee             |
| PMT  | Project Management Team        | VATL | Virtual Academy of Teaching and Learning |
| PRP  | Peer Review Program            | WG   | (Inter-institutional) Working Group      |
| PSC  | Project Steering Committee     | WP   | Work package                             |
| T&L  | Teaching and Learning          | WT   | (Institutional) Working Teams            |
| TEC  | Technology Enhanced Classrooms | Yx   | Year x                                   |
|      |                                |      |  |
| 1    |                                |      |  |

# PRINTeL – List of abbreviations commonly used in PRINTeL documents

| Parti | Partner HEIs: Institutions' names and acronyms |   |     | Lead partner in:<br>Co-leading |  |  |
|-------|--|---|-----|--------------------------------|--|--|
|       |  |   | in: | leaning                        |  |  |
| P1    | YSU  | Yerevan State University – Yerevan, Armenia                                   | WP7 | WP3&5                          |  |  |
| P2    | NPUA   | National Polytechnic University of Armenia – Yerevan, Armenia                 | WP1 |                                |  |  |
| Р3    | VSU  | Vanadzor State University after H. Tumanyan – Vanadzor, Armenia               |     |                                |  |  |
| P4    | ISU  | Ilya State University – Tbilisi, Georgia                                      | WP2 |                                |  |  |
| P5    | GTU  | Georgian Technical University – Tbilisi, Georgia                              | WP4 |                                |  |  |
| P6    | TeSaU  | Iakob Gogebashvili Telavi State University – Telavi, Georgia                  |     |                                |  |  |
| Ρ7    | BSU  | Belarusian State University – Minsk, Belarus                                  | WP3 |                                |  |  |
| P8    | BrSTU  | Brest State Technical University – Brest, Belarus                             | WP6 |                                |  |  |
| Р9    | YKSUG  | Yanka Kupala State University of Grodno – Grodno, Belarus                     |     |                                |  |  |
| P10   | NCSRHE   | National Center for Strategic Research in Higher Education – Yerevan, Armenia |     |                                |  |  |
| P11   | KU Leuven                                      | Katholieke Universiteit Leuven – Leuven, Belgium                              | WP5 |                                |  |  |
| P12   | UB   | Universitat de Barcelona – Barcelona, Spain                                   |     | WP1                            |  |  |
| P13   | UP   | Universidade do Porto – Porto, Portugal                                       |     | WP2                            |  |  |
| P14   | LiU  | Linköping Universitet – Linköping, Sweden                                     |     | WP4                            |  |  |
| P15   | FHJ  | FH Joanneum Gesellschaft mbH – Graz, Austria                                  |     | WP6                            |  |  |

# PRINTeL Activities planned in Year 4 – Overview and timeframe

Table 1. PRINTeL – Work plan for Activities in Year 4 (planned yr. 3) (October 2020 – September 2021)

|                    | Activities   | Total                            |       |      |    |      |      |       |      |       |     |      |     |       |
|--------------------|--|----------------------------------|-------|------|----|------|------|-------|------|-------|-----|------|-----|-------|
| Ref.nc/<br>Sub-ref | Title  | duration<br>(number<br>of weeks) | MI    | MZ   | M3 | M4   | MS   | M6    | M7   | ME    | M9  | M 10 | M11 | M12   |
| WP.4               | (DISS): Raising Awareness on Innovative T&L  | 40                               |       |      |    |      |      |       |      |       |     |      |     |       |
| 4.1                | Creation of virtual communities of teaching practice                               | 10                               | NXXX  | XXXX | XX |      |      |       |      |       |     |      |     |       |
| 4.2                | Establishment of VATL forum on innovative T&L                                      | 10                               |       |      | ж  | XXXX | XXXX |       |      |       |     |      |     |       |
| 4.3                | Creation of VATL's social networking services                                      | 8                                |       |      |    |      |      | XXXX  | XXXX |       |     |      |     |       |
| 4.4                | Adoption of incentive policies & award programs for<br>innovative T&L at PC HEIs   | 12                               |       |      |    |      |      |       | XXXX | XXXXX | жюж |      |     |       |
| WP.5               | (QPLN): Quality Control & Monitoring (QC&M)  | 12                               |       |      |    |      |      |       |      |       |     |      |     |       |
| 5.2                | Internal monitoring & evaluation of project activities                             | 2                                |       |      |    |      |      | x     |      |       |     |      | x   | 1     |
| 5.3                | Evaluation of project WPs' quality   | 8                                | XXXXX |      |    |      | -    |       |      |       |     |      |     | XXXXX |
| 5.4                | Annual external quality control activities   | 2                                |       |      |    |      |      |       |      |       |     |      | юх  |       |
| WP.6               | (DISS): Dissemination & Exploitation   | 21                               |       |      |    |      | -    |       |      |       |     |      |     |       |
| 6.1                | Creation & maintenance of the project website                                      | 2                                |       |      |    |      |      | x     |      |       |     |      |     | ×     |
| 6.2                | Publication & dissemination of information<br>materials and the teacher's handbook | 8                                |       |      |    |      |      | XXXXX |      |       |     |      |     | 1000  |
| 6.3                | Organisation of press conferences & interviews                                     | 3                                | ×     |      |    |      |      |       | ×    |       |     |      |     | x     |
| 6.4                | Organisation of workshops & information seminars                                   | 4                                |       |      |    |      |      |       | XXXX |       |     |      |     |       |
| 6.5                | Organization of interim & final dissemination<br>conferences                       | 4                                |       |      |    |      |      |       |      |       |     |      |     | ***   |
| WP.7               | (MNGT): Management   | 32                               |       |      |    |      | -    |       |      |       |     |      |     |       |
| 7.2                | Organisation of the kick-off and coordination<br>meetings                          | 4                                |       |      |    |      |      |       | -    |       |     |      |     | ж     |
| 7.3                | Overall project management & administration  | 24                               | ж     | XX   | ж  | жн   | XX   | XX    | ж    | ж     | хх  | ж    | XX. | ж     |
| 7.4                | External financial audit   | 4                                |       |      |    |      |      |       |      |       |     |      |     | XXXXX |

#### WORKPLAN for Project Year 3

Legenda: M1 November 2020

#### PRINTEL project history of performance

The start of the PRINTeL project has been delayed from November 2017 until February 2018. The corresponding shift in the timeframe has been overcome for the major part during the first year of activities leaving a slight time shift in the second year. Nevertheless, all initially planned activities, which were mainly in WP1, have been performed in Year 1.

The planned activities for the second year were building further on the TOT-courses organized by the EU partner universities in year 1 - fall 2018 - by organizing teacher training (TT) courses in the PC universities. It is one of the major achievements of the PRINTeL project having activated this knowledge and experience by organizing training sessions in all PC partner universities. The target number of 500 teachers in active duty to be introduced in and trained to use innovative, computer supported teaching methods for active learning has largely been exceeded.

However, in the second half of Year 2, the pandemic caused lockdown periods in all participating universities. All participating institutes had to shift their project activities to an online modus. All planned physical meetings or conferences in the PRINTEL project had to be canceled. This project performance handicap has been overcome by the agreement of the Erasmus+ agency to extend the duration of the project by one additional year.

It means that the activities planned for Year 2 have been performed from November 2018 until September 2020. The activities planned for Year 3, will be performed in the additional year (4).

# 1. WP1 – Activities and outcomes

All work packages of WP1 have been concluded during Year 1.

- Publication of the TSDC Best Practice Reports submitted by the EU partners
- Publication of the overall local Need Analysis Report of PC HEIs
- Operational improvement of TSDCs' in all PC HEIs: an operational plan for a TSDC in each PC HEI was approved by the Academic Council, published and implemented by the TSDC.
- Capacity building of TSDCs' staff
- Capacity building of TSDCs' trainers
- Establishment of technology-enhanced classrooms (activity to be completed in Year 2)

The successful conclusion of WP1 allowed the start of WP2, which meant dissemination of the new knowledge and skills by organizing Teacher Training (TT) courses by TSDC trainers in all PC HEIs.

# 2. WP2. Capacity building of teaching staff – Activities and outcomes – Year 2

### Description and deliverables of WP2

See: <u>http://www.printel.am/page/wp-2--capacity-building-of-ts</u>

# WP 2.1. Organization of in-house teacher training (TT) courses

#### Aims of WP 2.1

- In each PC partner university
  - trained TSDC staff will organize in-house TT course
  - $\circ$  the 100 trained TSDC trainers will deliver in-house TT courses in each PC HEI

#### **Expected outcomes**

- In all PC HEIs together 530 teachers shall be trained by the local TSDC trainers

#### **Expected deliverables**

- Syllabus and training materials for each newly organized TT course
- Lists of participants and survey feedbacks for each TT course

An illustrated overview of all TT courses organized in PC HEIs is available at <a href="http://www.printel.am/page/pd-for-wp-2">http://www.printel.am/page/pd-for-wp-2</a>
<a href="http://www.printel.am/category/news?page=2">http://www.printel.am/category/news?page=2</a>
<a href="http://www.printel.am/category/news?page=3">http://www.printel.am/category/news?page=3</a>
<a href="http://www.printel.am/category/news?page=5">http://www.printel.am/category/news?page=2</a>
<a href="http://www.printel.am/category/news?page=3">http://www.printel.am/category/news?page=3</a>
<a href="http://www.printel.am/category/news?page=5">http://www.printel.am/category/news?page=6</a>
<a href="http://www.printel.am/category/news?page=5">http://www.printel.am/category/news?page=6</a>
<a href="http://www.printel.am/category/news?page=5">http://www.printel.am/category/news?page=6</a>
<a href="http://www.printel.am/category/news?page=5">http://www.printel.am/category/news?page=6</a>
<a href="http://www.printel.am/category/news?page=5">http://www.printel.am/category/news?page=6</a>

QA – Conclusion. Activities planned in WP 2.1 have been duly performed and completed, and the planned outcomes have been reached, i.e. the TT courses reached large numbers of teaching staff members in all PC HEIs. A total number of 1,315 people took part in the TT courses. These TT courses confirm the multiplication effect of training-bytrainers – as one of the main objectives of the PRINTeL project – in a highly effective and efficient way.

### WP 2.2. Organization of a workshop to fine-tune the TT courses

#### Aims of WP 2.2

- Organization of a conference-workshop to fine-tune the newly designed TT courses **Expected outcomes** 

- TT courses finalized for further adoption and use in partner universities **Expected deliverables** 

- Conference conclusions and survey results

See: <u>http://www.printel.am/category/news?page=4</u> Full description of the conference-workshop: <u>http://www.printel.am/category/news/international-conference-workshop-at-yer</u>

QA – Conclusion. Activities planned in WP 2.2 have been duly performed and completed, and the planned outcomes have been reached, i.e. the TT courses were finalized and adopted for use in PC HEIs.

# WP 2.3. Adoption of the TT courses at TSDCs

### Aims of WP 2.3

- Regular TT courses being offered to the teaching staff and performed in PC partner university

**Expected outcomes** 

- A regular program of TT courses offered by the TSDC in all PC HEIs **Expected deliverables**
- Syllabus and training materials for regular TT courses

An overview of all regular TT courses is available at: <u>http://www.printel.am/page/pd-for-wp-2</u> and <u>http://www.printel.am/category/trainings?page=1</u> (page 1-5).

QA – Conclusion. Activities planned in WP 2.3 have been duly performed and completed, and the planned outcomes have been reached, i.e. the TT courses were finalized and adopted for use in PC HEIs. The number of participants attending the TT courses indicates a widespread interest of faculty and a high multiplication effect that the PRINTEL project obtains by the training-by-trainers project methodology. The trainees' comments on the course content and pedagogic and didactic course aims shows their enthusiasm and willingness for being part in this innovation wave in HE.

### WP 2.4. Piloting innovative T&L methods in PC HEIs curricula

#### Aims of WP 2.4

- In the TT courses trained teachers pilot innovative T&L methods in PC HEIs curricula **Expected outcomes** 

- In all PC HEIs considerable numbers of teachers are using innovative T&L methods reaching large numbers of students.

#### Expected deliverables

 Reports for each PC HEI on the performance of innovative T&L methods directed pilot courses

QA – Conclusion. Activities planned in WP 2.4 have been duly performed and completed, and the planned outcomes have been reached, i.e. in each PC HEI a significant number of courses – in first instance as pilot courses – is included in the regular curricula, these courses are offered by a considerable number of teachers (86) and the innovated courses have already been offered to a large numbers of students (4,228).

The PRINTeL project's strategy, starting from TOT courses to TT courses to pilot courses, has proved to be successful when looking at the number of students that have been reached already in the pilot phase. In WP 2.5 the useful effect of the project's outcomes will be measured on the basis of the students' evaluation outcomes. From these results we will learn that these innovative methods for T&L earn a good credibility because of a better learnability and learning-efficiency.

### WP 2.5. Evaluation of students' feed back & follow up

#### Aims of WP 2.5

- In each PC partner university the impact of innovative T&L methods should be assessed by the students

#### **Expected outcomes**

- Student feedback reports for all PC HEIs giving a critical assessment of the pedagogical impact and its effects on the students' learning quality

#### **Expected deliverables**

- Student feedback reports for all PC HEIs

#### All "Student Feedback Reports" are accessible on: http://www.printel.am/page/pd-for-wp-2

#### Guidelines for the future

As a result of the presented data, completed analysis and conclusions within the frameworks of the students' evaluation report, we can distinguish several guidelines and recommendations for future activities: • The new pedagogic approach and didactic skills should be further propagated for all teaching staff members in TT courses and by peer-to-peer learning to enrich the existing base of skills and abilities and for applying them in all courses.

• The use of the PRINTEL project student survey to evaluate the perceived quality of teaching could be generalized and used as a common tool for teaching quality improvement and assurance.

• Because of time constraints, the pilot courses' teaching materials still were not redesigned to the new teaching methodology; it is highly recommended to redesign all courses for applying innovated teaching methodology and active learning.

• The generalized implementation of innovative and collaborative approaches in curricula, and mastering of new teaching skills shall be taken into account for human resource management, i.e. the appointment of new teachers and shall become an essential element in the control of education quality.

QA – Conclusion. Activities planned in WP 2.5 have been duly performed and completed, and the planned outcomes have been reached, i.e. in each PC HEI a significant number of innovated courses is included in the regular curricula, these courses are being offered by a considerable number of teachers and the innovative course methods are already reaching a large number of students. Students are giving highly positive feedback on the innovation of teaching methodology.

# WP 2.6. Organization of Online TOTs on "Applying Innovative T&L in Online Mode" by EU HEIs

The online TOTs were held by the 5 EU partner universities in February 2021. More detailed information can be found on the sites mentioned below:

- 1. U.PORTO "Video as a Learning Tool for Teachers & Students: Video Lecturing & Promoting Interaction in the Classroom"
- 2. University of Barcelon (UB) Active Learning & ICT-Enhanced Teaching: M-learning & Gamification
- 3. FH Joanneum Gesellschaft mbH Hybrid/Blended Teaching & Learning
- 4. Linköping University (LiU) Active Learning in the Flipped Classroom
- 5. KU Leuven Active Learning with Special Focus on Technology Enhanced Collaborative Learning

# WP 2.7. Organization of online TTs on "Applying innovative T&L in online mode" by PC HEIs

The online TTs were held by the 9 PC universities in April-May 2021. More detailed information can be found below:

1. In-House Online Trainings at Yerevan State University

2. In-House Online Trainings at National Polytechnic University of Armenia

3. In-House Online Trainings at Vanadzor State University

4. In-House Online Trainings at Ilia State University

5. In-House Online Trainings at Georgian Technical University

6. In-House Online Trainings at Telavi State University

7. In-House Online Trainings at Belarusian State University

8. In-House Online Trainings at Brest State Technical University

9. In-House Online Trainings at Yanka Kupala State University of Grodno

#### QA – Conclusion on WP2 deliverables

An extensive **Quality Evaluation Report WP 2 Deliverables** has been prepared and published by FH Joanneum, March 2021. We include a summary of the conclusions worded in this document.

A full copy of the report is available on the PRINTeL website at: <u>http://printel.am/uploads/page/pdfs/Quality%20Evaluation%20Report\_WP2.pdf</u>

#### WP2.1 Trained teaching staff

96 Trainers in 9 PC partner countries implemented the TT trainings for 1629 participant. Each trainer, participated in the TOT courses, was supposed to run 1 TT in-house training.

Feedback Questionnaires have been developed in local languages and in English and have been structured as follows:

- Section-1. Objectives and content of the training
- Section-2. Quality of the instruction
- Section-3. Trainer/instructor
- Section-4. Benefits/results
- Section-5. Your opinion on the training
- All supporting documents are uploaded on the Printel website containing
- TT Course Timetables
- TT Course Syllabi
- Participants Lists
- Evaluation Feedbacks
- 1. <u>http://printel.am/category/trainings/in-house-teacher-training-course-at-ysu</u>
- 2. <u>http://printel.am/category/trainings/in-house-teacher-training-course-at-nati</u>
- 3. <u>http://printel.am/category/trainings/in-house-teacher-training-course-at-vana</u>
- 4. http://printel.am/category/trainings/in-house-teacher-training-course-at
- 5. <u>http://printel.am/category/trainings/in-house-teacher-training-course-at-geor</u>
- 6. <u>http://printel.am/category/trainings/in-house-teacher-training-course-at-iako</u>
- 7. <u>http://printel.am/category/trainings/in-house-teacher-training-course-at-bela</u>
- 8. <u>http://printel.am/category/trainings/in-house-teacher-training-course-at-bres</u>
- 9. <u>http://printel.am/category/trainings/in-house-teacher-training-course-at-yank</u>

Supporting working documents for the implementation of the TT courses have been designed and provided by LP Armenia: templates for the Syllabus and common List of participant's templates. The Syllabus template has been designed specifically for a short-term training course intended for academic staff and included basic information about the TT course: Title of the course, workload, course purpose, learning outcomes, course methodology/instructional strategies and recommended texts, technical requirements and Quality Assurance.

The TT courses have been conducted in local languages.

All individual TT course reports were outlined on the same report scheme and are available on the PRINTeL website http://printel.am/page/pd-for-wp-2.

#### WP 2.2. Recommendations for improvement of teacher training (TT) courses

Reports and Recommendations

All findings, recommendations and results of the 5 working groups, representing 5 T&L methods are summarized in 5 reports.

1. "ACTIVE LEARNING WITH SPECIAL FOCUS ON TECHNOLOGY ENHANCED LEARNING" http://printel.am/uploads/page/pdfs/Report%20of%20Discussion%20Group-1.pdf assessments. As to raise the motivation for students, the use of Facebook as a learning tool could also be helpful.

Almost all groups agreed on the fact, that new trainings must be continued and crosslinked to each other. But, it is important to convince the university management to invest in new and innovative teaching and learning methods and to be open for innovation and something new.

Main requirements for success of implementing new methodologies at the PC HEIs has been mentioned: 1. attitude change, 2. logistics & technologies & classroom infrastructure, 3. time for piloting, 4 involvement of quality control units, 5 Teachers' support from the institution to motivate them to change their methodology, 6. student's assessments in order to enable teachers to measure the effectiveness of the teaching, 7. developing activities for following up and continuous communication among teachers & students, 8. community of practice.

2. "ACTIVE LEARNING & ICT-ENHANCED LEARNING: M-LEARNING & GAMIFICATION" http://printel.am/uploads/page/pdfs/Report%20of%20Discussion%20Group-2.pdf 3. "VIDEO AS A LEARNING TOOL FOR TEACHERS AND STUDENTS"

http://printel.am/uploads/page/pdfs/Report%20of%20Discussion%20Group-3.pdf 4. "ACTIVE LEARNING IN THE FLIPPED CLASSROOM"

http://printel.am/uploads/page/pdfs/Report%20of%20Discussion%20Group-4.pdf 5. HYBRID/BLENDED TEACHING & LEARNING"

http://printel.am/uploads/page/pdfs/Report%20of%20Discussion%20Group-5.pdf

Main findings of the working groups of the teachers of the TT courses in PC HEIs: - Poor computer skills among both teachers and students and poor technological infrastructure and equipment are major challenges but, frequently induce a lack of motivation on behalf of teachers to change their traditional in class teaching mode.

- Students do not want to spend more time in self-directed work.

- The enhancement of communication with students in class should therefore be increased as well as the number of more frequent teacher training sessions.

- The working groups also emphasized the establishment of "support groups" consisting of methodologists, psychologists, experts in the particular field. The support could also include professional help, for example by peer trainers and based on students' evaluations.

The recommendations and findings presented in the reports of Parallel Sessions Workgroups for fine-tuning of TT courses at PC universities are uploaded on the PRINTEL Website

#### 2.3. Regular TT courses in TSDCs

TT- trainings at TSDC. The training courses have been adopted in TSDCs by PC HEIs as regular courses. TSDC regular teacher training (TT) courses carried out within the PRINTeL project from Spring 2019 to the end of 2020 (due to the Covid pandemic).

The purpose of the teacher training courses at PC HEIs was not only to develop the lecturers' professional skills bu,t also to enhance their ability to use innovative teaching

technologies in the classroom. For reporting, the LP provided the PC HEI partners with information on how to produce the post-training feedback reports. The following common structure was given:

◆ 1 page narrative description of the trainings (how many, by whom, name of the courses, etc.)

✤ 21 list of the regular TT trainings carried out

The results have been uploaded on the Printel website: http://printel.am/page/pd-for-wp-2 Detailed results are summarized as follows:

- 1) P1 YEREVAN state university (YSU)
  - ✤ 29 regular trainings were carried out by 9 TSDC trainers in 5 innovative T&L methods during October 2019 July 2020

✤2499 YSU teachers have been trained

- 3) P3. Vanadzor State University after H. Tumanyan (VSU)
- 2) P2. NATIONAL POLYTECHNIC UNIVERSITY of Armenia (NPUA
   10 regular trainings were carried out by 5 TSDC trainers in 5 innovative T&L methods during October 2019 December 2020
   137 NPUA teachers have been trained

✤ Tegular trainings were carried out by 6 TSDC trainers in 5 innovative T&L methods during October 2019 – December 2019

11 VSU teachers have been trained

- 4. P4. Ilia state university (ISU)
- 5. P5. GEORGIAN TECHNICAL UNIVERSITY (GTU)
  ◆25 regular trainings were carried out by 6 TSDC trainers in 5 innovative T&L methods during October 2019 December 2019
  ◆253 ISU teachers have been trained
  ◆211 regular trainings were carried out by 11 TSDC trainers in 5 innovative T&L methods during February 2020 June 2020
  ◆264 GTU teachers have been trained
- 6. P6. lakob gogebashvili telavi state university (TeSaU)
- 7. P7. BELARUSIAN state university (BSU)
- 8. P8. BREST STATE TECHNICAL UNIVERSITY (BrSTU)
- 9. P9. Yanka Kupala State University of Grodno (YKSUG)
  ◆125 regular trainings carried out by 4 TSDC trainers in 5 innovative T&L methods, May 2020
  ◆1244 TeSaU teachers have been trained
  ◆127 regular trainings were carried out by 11 TSDC trainers in 5 innovative T&L methods during September 2019 December 2020
  ◆1282 BSU teachers have been trained
  ◆1210 regular trainings were carried out by 6 TSDC trainers in 5 innovative T&L methods during November 2019 February 2020
  ◆1262 BrSTU teachers have been trained
  ◆125 regular trainings were carried out by 5 TSDC trainers in 5 innovative T&L methods during September 2019 October 2019
  ◆1263 YKSUG teachers have been trained

Summarized: the total number of trainers that have been trained amounts 1700. In total, 107 trainings have been carried out by 63 trainers.

Hence, the numbers of trainees that have been retrained by in house trainings are impressive and reflect the level of quality of trainers, their engagement and motivation.

#### 2.4 Adopted innovative T&L practices

The revised courses on innovative T&L methods in PC HEI's Curricula have been conducted and piloted in regular student classes and the reports are uploaded on the PRINTEL website: http://printel.am/page/pd-for-wp-2

#### 2.5. Follow-up report

All partners delivered the students evaluation reports in time and the final results are uploaded on the Printel website.

Nevertheless, some minor remarks remain: the student feedback reports differ widely in its set up. On one hand, there are no standardised formats; each PC partner has created its own questionnaire. Therefore, it is more difficult to compare the results.

Additionally, different approaches have been used for implementing the survey as well.

*P7 BSU, for example, started with an assessment of the trainers and asked the students to give feedback in two stages.* 

Others reported the individual feedback results consecutively (P5 GTU) rather than using the required cumulative report. The final conclusions and Guidelines for Future Undertakings are very much similar to those from YSU

#### **CONCLUSIONS** on the deliverables of WP 2

There were no major difficulties regarding the development of this work package despite the pandemic.

Additionally, it can be highlighted that major parts of WP 2 could be completed successfully before COVID-19 pandemic.

WP 2 had significant strengths in terms of execution, distribution of work among all partners and planning. Especially the task sequences as well as the linkages of WP2 to other WP have been planned very good.

#### As for WP 2.1

The expectations in terms of numbers of participants in the TT trainings have largely exceeded the target: the number of enrolled participants has been much higher than the success indicator defined in the proposal (530). Also, the participants' feedback can be regarded as widely positive. The good feedback from the course participants supports the assumption that also important qualitative indicators could be met. In summary, more than 1600 teachers were trained in PC HEIs between February 2019 and December 2020.

The TT courses have been a success, even taking into account the intensity of the modules and workload. Participants obtained practical experiences and gained knowledge and competences concerning innovative teaching and learning methods. The feedback reports give very good insight into the training contents and the expectations met were reflected in positive assessments. During the TT courses participants learned a lot about theoretical and practical best practices of the European universities' colleagues. Besides, the participants also had the opportunity to share their personal experiences of using new teaching and learning methods in their teaching practice even when teaching different courses.

Two minor remarks can be given: most of the feedback reports available on the PRINTEL homepage are in local languages, some of them are mixed (local & English) and therefore not really helpful from the point of view of quality assessment. Further learnings could be achieved if there would also have been an assessment from the trainers' / instructors' points of view.

#### As for WP 2.2

The evaluation of the fine-tuning workshop in Yerevan reflects, that 66,1% of the participants have been very satisfied with the conference and the outcomes, 30,6% of them were satisfied and only 3,2% have been quite satisfied. The average evaluation of the responses rated the overall organization highly positive and most of the topics have been covered by the program.

Some minor suggestions for improvement: presentations should be sent beforehand and the number of the presentations within the plenary sessions should be more aimspecific. In order to get better comparable outcomes of all 5 sessions, the structure of the working groups should have been defined slightly more precisely. The common goal to define innovative recommendations has not been met in all working group presentations.

#### As for WP 2.3

In general, the restructuring of some parts of the WP 2.3 activities to onlineinteraction has worked very well. Due to the COVID-19 pandemic, trainings, that have been planned as face-to-face activities had to be transformed into online formats. Nevertheless, some minor issues have been recognized concerning the quality of the post training feedback reports. The feedback is subjective (from the trainer's perspectives), as there was no common questionnaire to achieve comparable results. A syllabus of each training was not available on the website.

#### As for WP 2.4

The revised courses on innovative T&L methods in PC HEI's Curricula have been successfully conducted and piloted in regular student classes.

As a short note: It would have been interesting to know to what extent the syllabus had been adapted or changed.

Additionally, student survey reports by each individual trainer/teacher in PDF format should have been elaborated according to the survey questionnaire prepared by YSU. The reports provided did not meet these requirements as they only summarized the numbers of subject courses, teachers and students.

#### As for 2.5

All partners delivered the students evaluation reports in time and the final results are uploaded on the PRINTEL website.

Nevertheless, some minor concerns have been spotted: the required student feedback reports differ widely in its set up.

QA – Conclusion. Activities planned in WP 2 have been duly performed and completed, and the planned outcomes have been reached.

# WP3. Creating a Virtual Academy of T&L (VATL) – Activities / outcomes – Yr 2

| WP<br>No. | WP aims – Activity content in Y1   | Deliverables                                     | Planned<br>implementation period |
|-----------|--|--|----------------------------------|
| 3.1       | Defining functionalities and the design of the conceptual model of the VATL portal | ToR for VATL portal approved by PSC              | Mar-May, 2018                    |
| 3.2       | Development and testing of ICT solutions/software for VATL                         | Tested VATL portal software                      | May-Dec, 2018                    |
| 3.3       | Acquisition of software, hardware & studios for VATL support at PC HEIs            | 9 multimedia content<br>building support studios | May-Dec, 2018                    |

# Description and deliverables of WP3

See: http://www.printel.am/page/pd-for-wp-3

# WP 3.1. Defining functionalities and the design of the conceptual VATL portal

### Aims of WP 3.1

For the PRINTeL community of PC partner universities a clear agreement should be reached on the design and functionality of the VATL portal.

### **Expected outcomes**

A general description of the structure, the function, the use and maintenance of the VATL portal

### **Expected deliverables**

- A documented agreement of the PC university partners on the structure, the function, the use and maintenance of the VATL portal

A copy of the "Virtual Academy for Teaching and Learning Portal – Terms of Reference" is available on the website:

http://www.printel.am/uploads/page/pdfs/ToR%20for%20VATL%20Portal.pdf

QA – Conclusion. Activities planned in WP 3.1 have been duly performed and completed, and the planned outcomes have been reached, i.e. the Terms of Reference for the VATL portal have been accepted and the document has been published on the website as a guideline for construction and operationalization of the VATL.

# WP 3.2. Developing and testing of ICT solutions/software for VATL

#### Aims of WP 3.2

- Examination and selection of the hard- and software solutions for the VATL portal **Expected outcomes** 

- Obtaining a valid and functional ICT solution for the VATL portal

#### **Expected deliverables**

- An operational VATL website

The fully operational VATL website can be found on: <u>https://vatl.ysu.am</u> or can be opened on the home page of the PRINTeL website: <u>http://www.printel.am</u> or via its guest access on: <u>https://vatl.ysu.am/moodle/course/view.php?id=17</u>

QA – Conclusion. Activities planned in WP 3.2 have been duly performed and completed, and the planned outcomes have been reached, i.e. a functional solution has been found by hosting the VATL website on the server of YSU, providing its own data handling and delivery systems.

# WP 3.3. Acquisition of software, hardware and studios for VATL support at PC HEIs – Multimedia content building studios

#### Aims of WP 3.3

 Acquisition of hard- and software for multimedia content building studios at all PC HEIs

#### **Expected outcomes**

 Issuing a tender procurement for purchase of hardware and software for building a multimedia studio(s) in all PC HEI

#### **Expected deliverables**

- Tender announcement for equipment
- Purchase and delivery agreements for PC HEIs

The announcement for equipment can be found on: <a href="http://www.printel.am/uploads/page/pdfs/Tender%20Announcement\_GE%20&%20BY.pdf">http://www.printel.am/uploads/page/pdfs/Tender%20Announcement\_GE%20&%20BY.pdf</a>

QA – Conclusion. Activities planned in WP 3.3 have been duly performed and completed, and the planned outcomes have been reached, i.e. acquisition and distribution of hardware and software for multimedia building studios in all PC HEIs.

WP 3.4. Development of procedures & guidelines for publishing OER content

Aims of WP 3.4

 Developing guidelines and procedures for creating open educational resources (OER) by and for all PRINTEL participants on the VATL platform

#### **Expected outcomes**

- A full set of guidelines and procedures set at disposal for all participants allowing to provide OER content T&L materials on the VATL platform

#### **Expected deliverables**

- "VATL portal features e-guide" available on the VATL website

The "VATL portal features e-guide" can be found on: https://vatl.ysu.am/moodle/course/view.php?id=17

QA – Conclusion. Activities planned in WP 3.4 have been duly performed and completed, and the planned outcomes have been reached, i.e. publication of procedures and guidelines for publishing OER content T&L materials on the VATL platform.

### WP 3.5. Training of TSDCs' trainers on preparation of OER materials

Aims of WP 3.5

- Providing a training for TSDC trainers on the design and preparation of OER teaching and learning materials

#### **Expected outcomes**

- TSDC trainers aware on quality characteristics and availability of OER teaching and learning materials

#### **Expected deliverables**

 "Training Workshop on the Development of Open Educational Resources" held at KU Leuven on October 15-17<sup>th</sup>, 2019

All information on the "Training Workshop on the Development of Open Educational Resources" held at KU Leuven on October 15-17<sup>th</sup>, 2019 can be found on: http://www.printel.am/category/news/training-workshop-on-open-educational-re

The full program and all resources, course materials and workshop outputs, and workshop assessment survey, can be found on: <u>https://sites.google.com/view/printel-kul/oer-materials</u>

QA – Conclusion. Activities planned in WP 3.5 have been duly performed and completed, and the planned outcomes have been reached, i.e. TSDC trainers have participated in a workshop and training on the development of OER materials.

### WP 3.6. Operationalization of the VATL platform

Aims of WP 3.6

- Individual PRINTeL participants are publishing and sharing OER for T&L on the VATL platform

#### **Expected outcomes**

- From all PC HEIs teachers and TSDC trainers are to publish OER on the VATL platform **Expected deliverables**
- A list of available OER published on the VATL platform, arranged by PC HEI and by author/teacher

The website page: <u>http://www.printel.am/page/pd-for-wp-3</u> is providing a full list of OER T&L materials that have been published on the VATL platform

QA – Conclusion. Activities planned in WP 3.6 have been duly performed and completed, and the planned outcomes have been reached, i.e. teachers and TSDC trainers from all PC HEIs have published OER materials on the VATL platform.

#### QA – Conclusion on WP3 deliverables

An extensive quality report on the deliverables of WP 3 has been prepared and published by Universitat de Barcelona, August 2021. In its section "4. *CONCLUSIONS – Findings & Results" we find the main conclusions on the WP 3 deliverables.* 

'Citation'

1. The main objective of WP3 was to create a VATL-portal and this has been done in a very satisfactory way. The technical support is appropriate for the intended purpose and the portal's structure is clear and easy to navigate.

2. The guide has been prepared and made available to users. It is easily accessible from the homepage of VATL portal and provides useful information for visitors.

3. The planned training support has been developed on time and according to its purpose, with successful results.

4. In relation to the use of VATL, there are currently 343 registered members, more than 100 courses available and 5 discussion forums, which are becoming more active in the last observance period. It is expected that its use in the near future will continue to increase steadily.

'End of citation'

A copy of this report is available on the PRINTeL website at: <u>http://printel.am/uploads/page/pdfs/Quality%20Report%20of%20WP3\_by%20UB.pdf</u>

# QA – Conclusion. Activities planned in WP 3 have been duly performed and completed, and the planned outcomes have been reached.

The VATL portal is operational and available for subscribing members; by the end of August 2021, the VATL portal counted 343 registered members, contains more than 100 courses available and offers 5 discussion forums.

# WP4. Raising Awareness on Innovative Teaching and Learning – Activities / outcomes – Yr 4

All activities in WP4 had been planned in Year 3 and hence, should actually be performed in the project's additional Year 4 (Oct 2020-Sept 2021).

| WP<br>No. | WP aims – Activity content in Y4   | Deliverables  | Planned implemen-<br>tation period |
|-----------|--|---|------------------------------------|
| 4.1       | Creation of virtual communities of teaching practice                             | <ul> <li>- 3 virtual communities (websites<br/>using VATL services) of teaching<br/>practice in the Pcs</li> <li>- 3 communities of disciplinary<br/>groups (Humanities &amp; Social<br/>Sciences, Pedagogy and Teacher<br/>Training, Science and Engineering)</li> </ul> | OctDec. 2020                       |
| 4.2       | Establishment of VATL forum on innovative T&L                                    | Annual VATL Forum (virtual conference)  | Feb. 2021                          |
| 4.3       | Creation of VATL's social networking services                                    | VATL will provide social networking<br>services to encourage collaboration<br>and dialogue among its community<br>members, which will include: VATL<br>blog, Facebook & Twitter,<br>Discussion forums, and YouTube<br>channel.  | MarApr. 2021                       |
| 4.4       | Adoption of incentive policies & award<br>programs for innovative T&L at PC HEIs | Institutional award schemes for the<br>excellence in T&L to recognize and<br>stimulate staff engagement in<br>innovative T&L practices  | JunJul. 2021                       |

# WP 4.1. Creation of virtual communities of teaching practice

#### Aims of WP 4.1

- Creation of virtual communities for cooperation in developing and improvement of teaching practice in all 3 PRINTEL Partner countries

### **Expected outcomes**

- An operational virtual community in each partner country, i.e. a common website on the PRINTEL VATL platform, promoting innovative teaching practice
- 3 Active disciplinary communities: Humanities & Social Sciences, Pedagogy and Teacher Training, Science and Engineering, i.e. a common website on the PRINTeL VATL platform promoting innovative teaching practice in these specific disciplinary areas

### **Expected deliverables**

- Free access for all VATL subscribers to the "VATL Communities of Teaching Practice"

#### Available deliveries for Activity 4.1. VATL Communities of Teaching Practice

All deliveries for activity 4.1 are accessible through the PRINTeL website – Public Deliverables: <u>http://www.printel.am/page/pd-for-wp-4</u>

- Preliminary, upon publication of the VATL website, for enabling easy access a "Guide for registration" has been published on the VATL YouTube webpage: Video Guide for Registration in VATL Discussion Forums/Communities: https://www.youtube.com/watch?v=CeN8vgB4JAU
- Five VATL Communities of Virtual Practice have been established:
  - 1. Hybrid/Blended teaching: <u>https://vatl.ysu.am/moodle/mod/forum/view.php?id=218</u>
  - 2. Active Learning and ICT-enhanced teaching: M-learning and gamification: <u>https://vatl.ysu.am/moodle/mod/forum/view.php?id=3</u>
  - 3. Active Learning in the Flipped Classroom <u>https://vatl.ysu.am/moodle/mod/forum/view.php?id=214</u>
  - 4. Active Learning with a special focus on Technology Enhanced Collaborative Learning https://vatl.ysu.am/moodle/mod/forum/view.php?id=215
  - 5. Video as a Learning Tool for Teachers and Students//Video Lecturing and Promoting Interaction in the Classroom <u>https://vatl.ysu.am/moodle/mod/forum/view.php?id=217</u>

The expected outcomes have not been filled in as planned with respect to the 3 partner countries and 3 disciplinary communities. Actually, five disciplinary communities have been created covering activities and contributions in all partner countries.

QA – Conclusion. Activities planned in WP 4.1 have been duly performed and completed in an adapted but satisfactory manner. The commitments of regional VATL communities were distributed over a larger number of disciplinary communities. This structural reshuffling of communities is providing access for all PC countries' teaching staff to a wider field of disciplinary communities and hence, we can conclude that the planned outcomes have been reached.

# WP 4.2. Establishment of VATL forum on innovative T&L

#### Aims of WP 4.2

- Annual VATL Forum (virtual conference)

#### **Expected outcomes**

- A VATL Forum (virtual conference) planned in the month of February 2021

#### **Expected deliverables**

 VATL Forum virtual conference report and PowerPoint presentations and video's shall be published on the PRINTeL website

#### Available deliveries for Activity 4.2. VATL forum on innovative T&L

All deliveries for activity 4.2. are accessible through the PRINTeL website – Public Deliverables: <u>http://printel.am/page/pd-for-wp-4</u>

- The first Annual Forum on Innovative Teaching and Learning of VATL/PRINTeL was held on the 20th of May, 2021. The details of the forum are available through the following link:

http://printel.am/category/news/printel-s-1st-annual-teaching---learning

- The website link offers all documents, including a copy of the invitation and forum program, a video of all contributions of the four sections, and a copy of the feedback survey.

For more information, see in this report: activity 6.4.

The analysis of the answers to the feedback survey reveals a general marking of "good" to "excellent" by almost 90 % of the participants for the content and delivery of the presentations, as well for the organization of the online forum.

However, it should be clear that some answers on the overall quality of the forum reveal that an online forum cannot offer the same feeling of participation and transfer of content as a physical meeting could bring about.

As might have been expected, the online organization method creates a feeling of alienation by theorizing and too long a time to sit in front of the computer screen. On the other hand, the more interactive Q&A part is experienced as too limited.

# QA – Conclusion. Activities planned in WP 4.2 have been duly performed and completed, and the planned outcomes have been reached.

An online meeting cannot fully replace the personal contacts and exchange of ideas that can be realized in a physical meeting. On the other hand, in this peculiar time of pandemic threats an online meeting is the only valid replacement for a physical meeting.

The good organization of the online VATL forum enabled full performance of the planning of activity 4.2.

#### WP 4.3. Creation of VATL's social networking services Aims of WP 4.3

 VATL will provide social networking services to encourage collaboration and dialogue among its community members, which will include: VATL blog, Facebook & Twitter, Discussion forums, and YouTube channel.

#### **Expected outcomes**

- Operational networking services offered by the PRINTeL VATL platform contributing to the promotion and good performance of innovative teaching practices by starting a PRINTeL Facebook page and a PRINTeL YouTube channel.

#### **Expected deliverables**

- a PRINTeL Facebook page
- a PRINTeL YouTube channel

**Available deliveries for Activity 4.3. Creation of VATL's Social Networking Services** All deliveries for activity 4.3. are accessible through the PRINTeL website – Public Deliverables: <u>http://www.printel.am/page/pd-for-wp-4</u>

- PRINTeL Facebook page https://www.facebook.com/ErasmusPlusPRINTeL
- PRINTeL YouTube channel <u>https://www.youtube.com/channel/UC0sZoEFO7AS7TOcMbPONQPg</u>

Both social networking channels have been used for announcing, reporting on and commenting of PRINTEL activities as it had been planned.

QA – Conclusion. Activities planned in WP 4.3 have been duly performed and completed, and the planned outcomes have been reached.

Both channels are open for all participants and all who are interested in the outcomes of the PRINTeL project.

Although the number of visits to both webpages is relatively moderate, both channels are offering an excellent source for revisiting the videos and PPTs in the contributions of different activities.

# WP 4.4. Adoption of incentive policies & award programs for innovative T&L at PC HEIs

#### Aims of WP 4.4

- Regular adoption of incentive policies & award programs for innovative T&L at PC HEIs **Expected outcomes**
- Institutional award schemes for the excellence in T&L to recognize and stimulate staff engagement in innovative T&L practices
- Publication of institutional awarding schemes and procedures by all PC partner HEIs
- Publication of institutional awarding nominations by all PC partner HEIs

#### **Expected deliverables**

- Published institutional awarding schemes and procedures by all PC partner HEIs
- Published institutional awarding nominations for the past academic year

# Available deliveries for Activity 4.4. WP 4.4. Adoption of incentive policies & award programs for innovative T&L at PC HEIs

All deliveries for activity 4.4. are accessible through the PRINTeL website – Public Deliverables: <u>http://www.printel.am/page/pd-for-wp-4</u>

The following webpages are presenting reports of the institutionalizing of incentive policies, award programs and awarding of prizes for several aspects and practical contributions to teaching innovation by teaching staff members in all nine PRINTEL partner country universities.

- Activity 4.4.1. Incentives & Awards for Innovative T&L\_YSU

- Activity 4.4.2. Incentives & Awards for Innovative T&L\_NPUA
- Activity 4.4.3. Incentives & Awards for Innovative T&L\_VSU
- Activity 4.4.4. Incentives & Awards for Innovative T&L\_ISU
- Activity 4.4.5. Incentives & Awards for Innovative T&L\_GTU
- Activity 4.4.6. Incentives & Awards for Innovative T&L\_TeSaU
- Activity 4.4.7. Incentives & Awards for Innovative T&L\_BSU
- Activity 4.4.8. Incentives & Awards for Innovative T&L\_BrSTU
- Activity 4.4.9. Incentives & Awards for Innovative T&L\_YKSUG

# QA – Conclusion. Activities planned in WP 4.4 have been duly performed and completed, and the planned outcomes have been reached.

The publication of statutory regulations on incentive policies and award programs and even more, the reports on the first round of awarding of prizes, is firmly giving proof of the intention of the university management to promote innovative T&L methods and to maintain this policy for the future.

### **Quality Evaluation Report for WP 4**

The Quality Report on WP 4 was published by Universidade do Porto, August 2021 and can be downloaded from the PRINTeL website; see: http://www.printel.am/page/pd-for-wp-5

Summary of the conclusions of the Quality Report on WP 4.

../..

In order to find viable and impactful solutions as well as to ensure compliance with what was provided for each task from the initial proposals, the partners held regular meetings specifically dedicated to the discussion of WP4, which allowed for a smooth adaptation and an effective implementation of the tasks. Because of the restrictions due to the pandemic, these meetings took place online.

These meetings resulted in a good WP management in compliance with what was planned and regarding the number of internal and external participants in the WP4 events.

#### WP4.1

Five VATL Communities of Virtual Practice have been established. The number of participants in each of the 5 courses prepared and offered through the VATL platform was planned, which reflects the interest in the theme as well as the good dissemination of each of these courses. Some of the courses resulted in a heavier workload, due to the course theme and the offering by different higher education institutions.

*The positive feedback from the course participants confirmed that the course quality indicators were met.* 

#### WP4.2

The first Annual Forum on Innovative Teaching and Learning of VATL/PRINTeL was held on the 20th of May 2021 the online organization was a real challenge. Its success demonstrated the

effectiveness of the coordination between the different partners by the central PRINTeL coordination team.

#### WP4.3

Social networks were essential, especially during the pandemic restrictive periods when face-toface meetings were not possible. Project members managed to maintain a set of activities through various digital means of communication and succeeded in maintaining a digital community active and interested.

The Facebook and YouTube channels, and the VATL platform were kept active, the website was constantly updated and documentation made available.

#### WP 4.4

All PC HEIs established an institutional award schemes for the excellence in teaching and to recognize and stimulate staff engagement in innovative teaching practices. According to the institutions' organization, specific regulations and procedures were elaborated and published on the PRINTEL's website.

Specific awards were adopted and applied by each one of the PC HEI's, aiming at teaching staff job promotion and encouraging staff engagement in innovative and technology-enhanced T&L practices.

We believe that the mechanism of launching these awards will be a very effective in keeping the PRINTEL project aims "alive" and making sustainable the project achievements.

#### Conclusion of the Quality Evaluation Report on WP 4

The final conclusion of the Quality Evaluation Report for WP 4 emphasizes the fast setup, smooth working and linking effect of the VATL platform activities. It brings together on one platform all of the project's output and allows for a continuation of the innovating educational activities after the project's lifetime and allows for a continued cooperation between the Partner HEIs' educational staff and management.

Institutionalizing award schemes for the excellence in teaching, the engagement in innovation of T&L and linking these new policies and practices to job promotion for education staff definitely can bring about new energy and motivation at the level of education staff and management and at the level of students.

# WP5. Quality control and monitoring (QC&M) – Activities / outcomes – Yr 4

| WP<br>No. | WP aims – Activity content in Y1                          | Deliverables   | Planned implemen-<br>tation period |
|-----------|---|--|------------------------------------|
| 5.1       | Establishment of project QC&M bodies                      | Lead partner for QC&M<br>Quality Evaluation Committee (QEC)<br>Appointment of external evaluator | Feb, 2018                          |
| 5.2       | Internal monitoring & evaluation of<br>project activities | 6 biannual activity monitoring reports   | 2018-2021                          |
| 5.3       | Evaluation of project WPs' quality                        | 4 WP quality reports by QEC  | 2018-2021                          |
| 5.4       | Annual external quality control activities                | 3 annual external audit reports  | 2018-2021                          |

WP 5 covers almost the whole term of the PRINTeL project (month 2 - 48)

The PRINTeL Quality Assurance Plan can be downloaded from:

<u>http://www.printel.am/uploads/page/pdf\_en/PRINTeL%20Quality%20Assurance%20Plan%20(00000002).pdf</u> Public deliveries of WP 5 can be downloaded from:

http://www.printel.am/page/pd-for-wp-5

# WP 5.1. Internal monitoring and evaluation of project activities

Aims of WP 5.1

- Guaranteeing the QA / QC of the PRINTeL project performance
- **Expected outcomes**
- Smooth running of the PRINTeL project regular project quality monitoring from the start of the program activities.

#### **Expected deliverables**

- Monitoring visits reports
- Analysis of feed back evaluation by project activity participants

The website page: <u>http://www.printel.am/uploads/page/pdfs/Quality%20Evaluation%20Committee.pdf</u> is providing a list of members of the Quality Evaluation Committee. The QEC meetings coincide with the Coordination Meetings.

QA – Conclusion. Activities planned in WP 5.1 have been duly performed and completed, and the planned outcomes have been reached.

# WP 5.2. Internal Monitoring and Evaluation of Activities Aims of WP 5.2

- Evaluation of the quality of the Work Packages planned and performed during Year 2 based on the project activity programs presented by the project coordinator during the coordination meetings.

#### **Expected outcomes**

- Direct opinion of the QEC members concerning the activities' planning, content, organization, experiences and learning outcomes by the participants
- Evaluation of the program and performance of the activities

#### **Expected deliverables**

- Biannual activity monitoring reports

The Annual Evaluation Report of Year 1 is available on the website: <u>http://www.printel.am/uploads/page/pdfs/Annual%20Monitoring%20Report 1st%20Year.pdf</u> The Annual Evaluation Report of Year 2/3 is available on the website: <u>http://www.printel.am/uploads/page/pdfs/Annual%20Monitoring%20Report 2nd%20Year.pdf</u> The Annual Evaluation Report of Year 4 is herewith presented.

# QA – Conclusion. Activities planned in WP 5.2 have been duly performed and will be completed soon to duly reach the planned outcomes.

### WP 5.3. Evaluation of WP's Quality

#### Aims of WP 5.3

- Evaluation of the quality of the project activities during Year 2 on the basis of surveys/ questionnaires examining the content and quality of the activity; these surveys are answered by all participants of each activity.

#### **Expected outcomes**

- Direct opinions and comments dealing with the activities' content, organization, experiences and learning outcomes by the participants

#### **Expected deliverables**

- One survey report per organized activity in the PRINTeL project
- A Quality Report per WP for WPs 1 up to 4

The website page <u>http://www.printel.am/page/pd-for-wp-5</u> is providing the list of survey reports for all activities organized in Year 2 Activities that continued in (extended) Year 2:

Activities that continued in (extended) Year 2:

The reports of the results of evaluation surveys relating to different activities carried out within the frame of the PRINTEL Project can be found through the links listed below:

1. PRINTeL Kick-Off Meeting Survey Results Report (15-16 February 2018):

http://printel.am/uploads/news/pdfs/Results Report.pdf

2. Evaluation Survey Reports of Study Visit to Barcelona and Training-Workshop in Porto (11-12 June 2018):

http://printel.am/uploads/news/pdfs/Barcelona%20Study%20Visit%20Survey%20Report\_11-12.06.2.018.pdf

http://printel.am/uploads/news/pdfs/Porto%20Workshop%20Survey%20Report 14-15.06.2018.pdf

3. Survey Reports of Training of Trainers (ToT) Courses Delivered at 5 EU Partner Universities (November-December 2018):

http://printel.am/uploads/news/pdfs/1.%20TOT%20Course%20Evaluation%20Report KU%20Leuven%20(1) .pdf

http://printel.am/uploads/news/pdfs/2.%20TOT%20Course%20Evaluation%20Report UB(1).pdf http://printel.am/uploads/news/pdfs/3.%20TOT%20Course%20Evaluation%20Report U.PORTO.pdf http://printel.am/uploads/news/pdfs/4.%20TOT%20Course%20Evaluation%20Report\_LiU.pdf http://printel.am/uploads/news/pdfs/5.%20TOT%20Course%20Evaluation%20Report\_FHJ.pdf

4. Survey Reports of Teacher Training (TT) Courses Delivered at 9 PC Universities (February-March 2019):

http://printel.am/category/trainings/in-house-teacher-training-course-at-ysu http://printel.am/category/trainings/in-house-teacher-training-course-at-nati http://printel.am/category/trainings/in-house-teacher-training-course-at-vana http://printel.am/category/trainings/in-house-teacher-training-course-at-geor http://printel.am/category/trainings/in-house-teacher-training-course-at-geor http://printel.am/category/trainings/in-house-teacher-training-course-at-iako http://printel.am/category/trainings/in-house-teacher-training-course-at-bela http://printel.am/category/trainings/in-house-teacher-training-course-at-bela http://printel.am/category/trainings/in-house-teacher-training-course-at-bela

5. The Second Coordination Meeting at Yerevan State University (17 May 2019) http://www.printel.am/category/news/the-second-coordination-meeting-at-yerev

6. TOT Course Evaluation Analysis Report. Results of the Evaluation Feedback Survey on ToT Course on "The Development of Open Educational Resources (OER)" Conducted in KU Leuven (Belgium) (15-17 October 2019)

http://www.printel.am/uploads/news/pdfs/KU%20Leuven%20-

%200ER%20ToT%20Evaluation%20Report.pdf

7. Tbilisi Dissemination Conference Evaluation Analysis Report. Results of the Evaluation Feedback Survey of Tbilisi Dissemination Conference Conducted in Ilia State University <a href="http://www.printel.am/uploads/news/pdfs/Final%20Report.pdf">http://www.printel.am/uploads/news/pdfs/Final%20Report.pdf</a>

8. Survey Reports of Online Training of Trainers (ToT) Courses Delivered by 5 EU Partner Universities (February 2021):

http://printel.am/uploads/news/pdfs/Online%20TOT%20Course%20Evaluation%20Report\_KU%20Leuven.p df http://printel.am/uploads/news/pdfs/Online%20TOT%20Course%20Evaluation%20Report\_UB\_.pdf http://printel.am/uploads/news/pdfs/Online%20TOT%20Course%20Evaluation%20Report\_U.PORTO.pdf http://printel.am/uploads/news/pdfs/Online%20TOT%20Course%20Evaluation%20Report\_U.PORTO.pdf http://printel.am/uploads/news/pdfs/Online%20TOT%20Course%20Evaluation%20Report\_FHJ.pdf 9. Survey Reports of Teacher Training (TT) Courses Delivered at 9 PC Universities (April 2021):

http://printel.am/category/trainings/in-house-online-trainings-at-yerevan-sta http://printel.am/category/trainings/in-house-online-trainings-at-national-po http://printel.am/category/trainings/in-house-online-trainings-at-vanadzor-st http://printel.am/category/trainings/in-house-online-trainings-at-ilia-statehttp://printel.am/category/trainings/in-house-online-trainings-at-georgian-te http://printel.am/category/trainings/in-house-online-trainings-at-telavi-stat http://printel.am/category/trainings/in-house-online-trainings-at-telavi-stat http://printel.am/category/trainings/in-house-online-trainings-at-belarusianhttp://printel.am/category/trainings/in-house-online-trainings-at-belarusianhttp://printel.am/category/trainings/in-house-online-trainings-at-belarusianhttp://printel.am/category/trainings/in-house-online-trainings-at-belarusian-

The **Quality Evaluation Reports** for all work packages have been published and are available on the PRINTeL website: see <u>http://www.printel.am/page/pd-for-wp-5</u>

- Quality Evaluation Report\_WP.1 published by KU Leuven, April 2019
- Quality Evaluation Report\_WP.2 published by FH Joanneum, March 2021
- Quality Evaluation Report\_WP.3 published by Universitat de Barcelona, August 2021
- Quality Evaluation Report\_WP.4 published by Universidade do Porto, August 2021

A summary of the conclusions of the reports is included above in the individual chapters for each WP (2, 3, 4).

#### 10. Monitoring visits by the Erasmus+ NEO

http://www.printel.am/category/monitoring-visits

This website page provides all information on and reports of the monitoring visits evaluating the performed activities by the:

#### NEO Armenia

<u>http://www.ysu.am/news/en/Monitoring-by-Erasmus?fbclid=IwAR3GJeLtfRAD2QLCxEM9x7CzCBrAfBaIN7d8bCDMe40Jm 4-vTQAQoJ7IJQ</u>,

NEO Georgia <u>http://www.printel.am/category/monitoring-visits/monitoring-visit-by-neo-georgia</u> NEO Belarus <u>http://www.printel.am/category/monitoring-visits/--50</u>

# QA – Conclusion. Activities planned in WP 5.3 have been duly performed and completed, and the planned outcomes have been reached.

#### WP 5.4. External quality Control

#### Aims of WP 5.4

 Evaluation of the quality of the project activities during Year 2 on the basis of surveys/ questionnaires examining the content and quality of the activity; these surveys are answered by all participants of each activity.

#### **Expected outcomes**

 To assess the PRINTeL project performance and to evaluate whether the implementation meets the recommendations stated by EACEA in its Project Implementation Report (dated August 2019) the External Quality Audit and Evaluation Report shall highlight the following areas:

- 1. Project implementation
- 2. Partnerships between the Consortium members
- 3. Challenges faced during the first period of the project
- 4. Early indicators of potential success
- 5. Further ideas and suggestions

#### **Expected deliverables**

- Annual External Quality Audit and Evaluation Reports

The first External Quality Control and external evaluation of the PRINTeL project took place from 2-4 October 2019 and was performed by Nathalie Bouldoukian, who submitted the External Quality Audit and Evaluation Report on 18<sup>th</sup> of November 2019.

Information on the organization of the external quality audit; see:

http://www.printel.am/category/news/external-evaluation-of-the-printel-proje

This website page is giving general information on the organization of the quality audit and is providing the:

- Site visit program
- Online survey form
- External quality audit and evaluation report

The second External Quality Control Report and External Evaluation of the PRINTeL project is prepared nowadays; it will be submitted by October 15<sup>th</sup> and published on the project's website.

# QA – Conclusion. Activities planned in WP 5.4 will be duly performed and completed, and the planned outcomes have been reached.

The Annual Evaluation Report of Year 4 will soon be made available on the website: <u>http://www.printel.am/page/pd-for-wp-5</u>

# WP6. Creating a Virtual Academy of T&L (VATL) – Activities / outcomes – Yr 4

| WP<br>No. | WP aims – Activity content in Y1   | Deliverables  | Planned implementation period |
|-----------|--|---|-------------------------------|
| 6.1       | Creation and maintenance of the project website (Imp.P1,P8)                            | Operating PRINTeL website   | March, 2018                   |
| 6.2       | Publication and dissemination of information materials & teacher handbook (Imp.P1-P10) | 1000 project leaflets, 6 e-<br>newsletters, 3000 IT&L booklets,<br>1000 VATL manuals, 1500 Good<br>practice teacher handbooks,<br>materials of TT courses | 2018-2020                     |

| 6.3 | Organization of press conferences & interviews (Imp.P1-P10)  | 6 press- conferences/releases & interviews                        | 2018-2020  |
|-----|--|---|------------|
| 6.4 | Organization of workshops &<br>information seminars          | 2 workshops for 80 participants and 1 seminar for 60 participants | 2019, 2020 |
| 6.5 | Organization of interim & final<br>dissemination conferences | Interim & final dissemination<br>conferences for 200 participants | 2019, 2020 |

### WP 6.1. Creation and maintenance of the project website Aims of WP 6.1

- Creating a functional PRINTeL project website, including the VATL repository for OER **Expected outcomes**
- A functional project website describing all activities and outcomes **Expected deliverables**
- PRINTeL website: <u>http://www.printel.am</u>
- VATL platform: <u>https://vatl.ysu.am/index.php/</u>

The PRINTeL website is operational, updated and well maintained. All data for this quality report can be retrieved from the website and clearly gives prove of its functionality.

# QA – Conclusion. Activities planned in WP 5.3 have been duly performed and completed, and the planned outcomes have been reached.

# WP 6.2. Publication and dissemination of information materials and the teachers' handbook

#### Aims of WP 6.2

- Promoting PRINTeL activities and dissemination of outcomes internally and externally **Expected outcomes** 

- Raising awareness of the project's outcomes within the PC partner universities and the universities' stakeholders
- Raising awareness of the project's outcomes within other PC HEIs
- Raising awareness of the project's outcomes by society's stakeholders

#### **Expected deliverables**

- Printed materials: brochures, leaflets, handbook
- Symposia and workshops
- Press releases
- Digital communication and social media

The Dissemination Plan is published on the PRINTeL website

http://www.printel.am/uploads/page/pdf\_en/PRINTeL%20Dissemination%20Plan.pdf

and is mentioning all planned dissemination types and activities.

We include here a concise overview of these dissemination activities and the time frame.

#### List of dissemination activities

Symbols: 🗸 Done

- Ongoing
- ✓ Organisation of the project kick-off meeting in Yerevan (M2, 2018).
- ✓ Publication of 1,000 copies of the PRINTeL leaflet and dissemination among PC HEIs academic communities and main stakeholders (M2, 2018).
- ✓ Creation, maintenance and regular updating of interactive project website (M4, 2018).
- ✓ Organization of trainings for 140 teaching and administrative staff of PC HEIs (M6 & M12, 2018).
- ✓ Posting training materials on PRINTeL website for free downloading (M6 & M12, 2018).
- Organization of institutional round tables to discuss the training outcomes with the representatives of target groups (M1, 2019).
- Organization of 2 workshops and 1 information seminar for 140 teachers and students in PC HEIs (M6 & M11, 2019 / M5, 2020 = postponed).
- ✓ Insuring visibility of PRINTeL project in social media Facebook and YouTube (M<sub>3</sub>, 2018).
- Production and dissemination of 6 biannual electronic newsletters available on PRINTeL websites (2018-2020).
- Dissemination of project results via national mass media (6 press conferences /releases and 3 interviews), publication of articles in specialized press (continuous process).
- Daily communication with institutional educational community and interested parties (continuous process).
- ✓ Creation of virtual communities of teaching practice (M2, 2020).
- Establishment of annual virtual forum on innovative teaching and learning (M5, 2020).
- ✓ Adoption of award programmes for innovative teaching and learning (M9, 2020).
- Publication of 3,000 copies of brochures on innovative and technology- enhanced T&L methods and pedagogical approaches and dissemination among PC HEIs academic communities and main stakeholders (M12, 2019).
- ✓ Publication of 1,500 copies of Good Practice Teacher's Handbook on innovative T&L practices, development of OERs and online courses and dissemination among PC HEIs academic communities and main stakeholders (M7, 2020).
- Organization of interim and final dissemination conferences in PC countries to bring 200 PC HEIs staff and students into a common discussion platform (M6, 2019 / M9, 2020).
- Publication and dissemination of conference proceedings among main target groups (M7, 2019 / M11, 2020).

An overview of all dissemination activities can be found on: <a href="http://www.printel.am/page/wp-6--dissemination---exploitation">http://www.printel.am/page/wp-6--dissemination---exploitation</a>

Deliverables of WP 6.2 are listed in <a href="http://www.printel.am/page/pd-for-wp-6">http://www.printel.am/page/pd-for-wp-6</a>

The Official Leaflet of PRINTeL Project

**PRINTeL newsletters**: <u>http://www.printel.am/category/news?page=3</u> and <u>http://www.printel.am/category/news?page=4</u>

- PRINTeL e-Newsletter No.1
- PRINTeL e-Newsletter No.2
- PRINTeL e-Newsletter No.3
- PRINTeL e-Newsletter No.4
- PRINTeL e-Newsletter No.5 <u>http://www.printel.am/uploads/page/pdfs/PRINTeL%20e-Newsletter\_5.pdf</u>

Five **brochures** on Innovative and Technology-Enhanced T&L were made by the EU partners on the subject of the TOT courses that were taught in Oct-Nov 2018. See: <a href="http://www.printel.am/category/news/guidebooks-on-innovative-and-technology-2">http://www.printel.am/category/news/guidebooks-on-innovative-and-technology-2</a>

3,000 Copies of the brochures on innovative and technology enhanced T&L methods and pedagogical approaches were published and disseminated among PC HEIs academic communities and main stakeholders.

- Brochure #1: Active Learning with Special Focus on Technology Enhanced Collaborative Learning
- Brochure #2: Active Learning and ICT-Enhanced Teaching: M-Learning and Gamification
- Brochure #3: Video as a Learning Tool for Teachers and Students
- Brochure #4: Active Learning in the Flipped Classroom
- Brochure #5: Hybrid/Blended Learning

The five brochures were bundled in a "*Good Practice Teachers' Handbook*" and 1500 copies were published for distribution among the PC HEIs for use by faculty and external stakeholders.

See: <u>http://www.printel.am/page/pd-for-wp-6</u> <u>http://www.printel.am/uploads/page/pdfs/Teacher's%20Handbook .pdf</u>

PRINTeL is on:

**Facebook** <u>https://www.facebook.com/ErasmusPlusPRINTeL/</u> and on **YouTube** <u>https://www.youtube.com/channel/UC0sZoEFO7AS7TOcMbPONQPg</u>. Both sites can be opened through the direct link (here above) or by clicking on the corresponding symbols on the top right corner of the PRINTeL homepage http://www.printel.am.

The following activities were planned and performed during the 4th project year.

- The annual **virtual forum** on innovative teaching and learning (planned in M5, 2020) was delayed because of the Covid-19 pandemic it and was be held in May 2021. See: *Activity 6.4. Organisation of Workshops and Information Seminars*
- Publication and dissemination of conference proceedings among main target groups (M7, 2019 / M11, 2020).

Several dissemination activities mentioned in the dissemination plan and planned in WP 6.2 are part of continuous processes.

Although it might not be directly connected to the content of this WP 6.2, it is worth to mention the major **internal dissemination efficiency** that is obtained by the adoption of the TT courses and pilot courses in all PC partner universities (See: WP 2.3 and 2.4). The training-by-trainers approach has been proven to be a mighty multiplication tool for spreading the PRINTEL outcomes in all partner institutions.

QA – Conclusion. Activities planned in WP 6.2 have been duly performed and completed, where possible, or still are ongoing. The planned outcomes have been/will be reached.

### WP 6.3. Organization of press conferences and interviews

#### Aims of WP 6.3

- Promoting the PRINTeL activities and disseminating its outcomes externally **Expected outcomes** 

- Broad external information on PRINTeL project performance an outcomes **Expected deliverables** 

- List of reports on media / press communications or interviews

#### WP 6.3 deliverables on: http://printel.am/page/pd-for-wp-6

Interview of Project Coordinator A. Budaghyan and U.PORTO Coordinator M. Pinto for U.PORTO news media Interview of Project Coordinator A. Budaghyan to the news media of FH Joanneum, University of Applied Sciences

For the full news coverage of PRINTeL activities, please, visit PRINTeL in Media section of the website.

**PRINTeL in events**: <u>http://www.printel.am/page/printel-in-events</u> provides information on different events, photographs and references to more publications on the following events that took place in Yr. 1 and 2:

- 17-19 April 2019, Yerevan Expo Center, Armenia "Education and Career EXPO 2019"
- 20 November 2018, Georgian Technical University, Georgia Second National Distance Learning Conference
- 6-7 November 2018, Erasmus + Information Days in Armenia Armenian National Agrarian University, Yerevan.

#### PRINTeL in media: http://www.printel.am/page/printel-in-media

- This section of the PRINTeL website the information concerning PRINTeL project news, events, workshops, seminars, meetings and many other activities realized within the frame of the Project highlighted in the official media of PC and EU partners, stakeholders and other news sources is presented. As these deliverables are part of a continuous process, each of the items in the list below can cover activities and publications from all project years.
- News Coverage of the Interim Dissemination Conference held at ISU (Tbilisi, Georgia)
- News Coverage of the Open Educational Resources (OER) Development Training-Workshop at KU Leuven
- News Coverage of the TSDC Operational Plans Implementation
- Partners and Stakeholders' News Coverage of PRINTeL International Conference-Workshop at YSU
- PRINTeL Newsletters on Partners' Websites

- News Coverage of TT Courses by Partners
- News Coverage of ToT Courses by Partners
- Selection of ToT Trainees by PC Partners
- Partners and Stakeholders' News Coverage of UB an U. PORTO Events
- Partners and Stakeholders' News Coverage of PRINTeL Kick-Off Meeting
- Partners' Official Websites on PRINTeL Project

# QA – Conclusion. Activities planned in WP 6.3 have been duly performed and completed; the planned outcomes have been reached.

### WP 6.4. Organization of workshops and information seminars

#### Aims of WP 6.4

 Promoting dissemination of project content and dissemination of outcomes in the PRINTeL consortium partner institutions

#### **Expected outcomes**

- Raising awareness of the project's outcomes within the PC partner universities' faculty and management

#### **Expected deliverables**

- Informed faculty, ready for implementing innovative T&L
- Informed university management, raising and maintaining support for innovative T&L

The deliverables of WP 6.4 are available on: <u>http://www.printel.am/page/pd-for-wp-6</u> <u>http://www.printel.am/category/workshops---seminars</u> <u>http://www.printel.am/category/working-meetings</u>

The 1st information seminar and workshop on innovative teaching and learning was organized in May 2019 at YSU. For more details about the event, please, refer <u>here</u>.

The 2nd seminar and workshop on innovative teaching and learning was scheduled for April 2020, however, because of the Covid-19 pandemic PRINTeL's 1st Annual Teaching & Learning Forum was held online on May 20<sup>th</sup> 2021: "Issues And Perspectives Of Digitally-Enhanced Teaching & Learning In Higher Education".

The website page <u>http://www.printel.am/category/conferences/printel-s-1st-annual-teaching---learning</u>

is providing all information and full access to all materials of all sessions of this forum: the invitation letter, program, video recordings of all presentations, feedback survey and several pictures taken during the forum sessions.

The Forum took the form of an online webinar, which focused on how European and Eastern Partnership Country (EPC) universities responded to the changes in teaching and learning (T&L) that came about because of the Covid-19 crisis. It also gave an opportunity to analyze what was done over the past year to support university communities in

addressing key challenges of T&L, as well as a chance to reflect on what lies ahead for university T&L in the future. It highlighted the key findings of the recent experience of PRINTEL Project partners on innovative and technology-enhanced T&L in times of Covid-19. The Forum allowed the participants to meet and discuss development in the digitalized T&L at European and EPC universities. Through a mix of presentations and interactive audience engagement in different plenary sessions it provided a platform for the discussion on how universities enhance T&L in virtual space as well as present the ways to accomplish the digital transformation in T&L that our HEIs require during the Covid-19. The webinar was of interest to university and school teachers, quality assurance officers and management personnel involved in T&L of HEIs. Students, policy-makers and other stakeholders in higher education participated in the webinar as well. Approximately 500 people registered for attending the PRINTEL's First Annual Forum's Webinar and 312 out of them actually participated in it. The number of active panelists-presenters comprised 29 people.

Link to all materials:

- Invitation for PRINTeL's 1st T&L Forum
- PRINTeL 1st T&L Forum Programme
- Presentations of the 1st Session
- Presentations of the 2nd Session
- Presentations of the 3rd Session
- Presentations of the 4th Session
- Feedback Survey

- The video recordings of the PRINTEL's 1ST ANNUAL TEACHING & LEARNING FORUM are available on: Session 1 Session 2 Session 3 Session 4

See also: Act. 4.2.

Other activities performed fitting in the scope of WP 6.4. The mentioned website pages are providing all information on the activity: program, participants, participants' survey results

- International Conference-Workshop at Yerevan State University

Two-day International Conference-Workshop held on 16-17 May 2019 at Yerevan State University (YSU)

http://www.printel.am/category/working-meetings

- Site Visit to the Georgian Partner 3 Universities

19 Jul 2019. ERASMUS+ PRINTeL Project management team's site visit to the 3 partner universities of Georgia: Ilia State University, Georgian State Technical University and Iakob Gogebashvili Telavi State University.

 $\underline{http://www.printel.am/category/working-meetings/site-visit-to-the-georgian-partner-3-unipart$ 

- PRINTeL Partners' Meeting

27 Feb 2019, Internal Meetings of the PRINTeL Partners <a href="http://www.printel.am/category/working-meetings/-">http://www.printel.am/category/working-meetings/-</a>

# QA – Conclusion. Activities planned in WP 6.4 have been duly performed and completed, and the planned outcomes have been reached.

1.1. WP 6.5. Organization of interim and final dissemination conferences

#### Aims of WP 6.5

- Promoting PRINTeL activities and dissemination of outcomes internally and externally **Expected outcomes**
- Raising awareness of the project's outcomes within the PC partner universities and the universities' stakeholders
- Raising awareness of the project's outcomes within other PC HEIs and society **Expected deliverables**
- Printed materials: brochures, leaflets, handbook
- Symposia and workshops organized

#### The deliverables of WP 6.5 are available on: <u>http://www.printel.am/page/pd-for-wp-6</u>

The **Tbilisi Interim Dissemination Conference** was held on 04<sup>th</sup> of December 2019. All information can be found on <a href="http://www.printel.am/category/news/tbilisi-dissemination-conference">http://www.printel.am/category/news/tbilisi-dissemination-conference</a>, including the program, delivered talks and presentations, attendance list, and the participants' evaluation survey.

The Dissemination Conference has been reported on the website of PRINTeL partners; see:

- http://www.ysu.am/news/en/YSU-representatives-participated-in-the-international-conference-PRINTeL

- <u>https://iliauni.edu.ge/en/siaxleebi-8/axali-ambebi-36/international-conference-workshop-of-the-printel-project.page</u>

Overall, the Tbilisi Dissemination Conference held in ISU, Tbilisi, received positive feedback from participants; suggestions and remarks contribute to improving future meetings.

The *Information Seminar* in BSU, Minsk, planned for April 2020, had to be canceled because of vigorous traveling restrictions due to the Covid pandemic.

To achieve the planned outcomes, BSU Summer School organizes on September 8<sup>th</sup> **PRINTeL Master Classes** "*Teachers in Digitalized Virtual Space*"

All information on this activity can be downloaded on the website:

http://printel.am/category/events/printel-master-classes--teachers-in-digi

The invitation, the timetable, syllabi and registration links are all available in the The timetable of the Master Classes is accessible through the link:

<u>http://printel.am/uploads/news/pdf\_en/Timetable%20of%20PRINTeL%20Master%20Classes\_NEW\_.pdf</u> Registration is open from 23 August to 7 September, 2021.

QA – Conclusion. Activities planned in WP 6.5 will be duly performed and completed, and the planned outcomes will be reached. Some of the planned activities are yet fully prepared and will be performed after publication of this report.

# WP7. Management – Activities / outcomes – Year 4

| WP<br>No. | WP aims – Activity content in Y1                       | Deliverables  | Planned implementation period |
|-----------|--|---|-------------------------------|
| 7.1       | Establishment of project<br>management bodies          | Project management team (PMT),<br>Project Steering Committee (PSC),<br>3 National and 1 EU coordinators,<br>15 institutional contact persons,<br>7 WP lead partners | Feb, 2018                     |
| 7.2       | Organization of the kick-off and coordination meetings | Kick-off & 6 coordination meetings  | 2018-2020                     |
| 7.3       | Overall project management and administration          | Day-to-day management, project<br>intermediate & final reports  | 2018-2020                     |
| 7.4       | External financial audit                               | Interim and final financial audit reports   | 2019, 2020                    |

### 1.2. WP 7.2. Organization of the coordination meetings

#### Aims of WP 7.2

- Realizing a smooth and efficient PRINTeL project performance

#### **Expected outcomes**

- Effective and efficient coordination meetings to guarantee a smooth and efficient PRINTeL project performance: including activities' administrative tasks, the organization of the project activities, control of the performance of the activities, reporting on the project activities.

#### **Expected deliverables**

- Coordination meeting reports
- Division of project tasks

Data on WP 7.2 are available on: <u>http://www.printel.am/category/coordination-meetings</u>

Activities organized in WP 7.2 during Yr. 4

- The Fourth Coordination Meeting of the PRINTeL Project

The 4th Online Coordination Meeting was held on November 16th, 2020 http://www.printel.am/category/coordination-meetings/the-forth-coordination-meeting-of-the-pr

The 4th Coordination Meeting was held online because of the Covid pandemic traveling restrictions.

The Coordination Meeting website pages all mention full information on the activity: the program, participants' lists, participants' survey results.

The information on the coordination committee's activities are presented below: <u>http://www.printel.am/category/coordination-meetings/the-forth-coordination-meeting-of-the-pr</u>

- The 4th Coordination Meeting Agenda
- Minutes of the 4th Coordination Meeting
- VATL Discussion & Community
- Minutes of the Working Meeting with EU partners\_07.12.20

- Minutes of the Online Working Meeting with PC Partners\_17.12.2020

# QA – Conclusion. Activities planned in WP 7.2 have been duly performed and completed, and the planned outcomes have been reached.

#### 1.3. WP 7.3. Overall project management and administration

#### Aims of WP 7.3

- Good overall management of the PRINTeL project

#### **Expected outcomes**

- Effective and efficient, high-quality running of the PRINTeL project

Expected deliverables: positive reports

- Site visit reports
- NEO assessment reports
- External Quality Audit Reports

Of course, the overall project management still continues after publication of this report and will be assessed in the second "External Quality Audit and Evaluation Report", the publication of which has been planned for October 15<sup>th</sup> 2021.

#### Some testimonials on the overall project management have been published earlier.

- WP 7.3 Project Management activities contributing to good management
  - Site visit to 3 Georgian university partners on 27-29<sup>th</sup> June 2019 Site visit report by the project Coordinator

http://www.printel.am/uploads/page/pdfs/Site%20Visit%20to%20the%20Georgian%20Partner%203% 20Universities.pdf

- WP 7.3 NEO assessment reports; see: <u>http://www.printel.am/category/monitoring-visits</u>
- WP 7.3 Project Management testimonial of good project management "External quality audit and evaluation report" by N. Bouldoukian, 2019 (see WP 5.4) <u>http://www.printel.am/category/news/external-evaluation-of-the-printel-proje</u>

# QA – Conclusion. Activities planned in WP 7.3 have been duly performed and completed, and the planned outcomes have been reached.

# Summary of the Report on the PRINTeL QA report on the activities in Year 4

(Oct 2020 – Sept 2021)

- WP 1. WP finalized. See: QA report on Year 1.
- WP 2. Activities of WP 2, planned in Y2, have been performed and outcomes reached.
- WP 3. VATL platform is operational, according to the planning. Activities of WP 3, planned in Y4, have been performed and outcomes reached.
- WP 4. Activities of WP 4 planned in Y4, have been performed and outcomes reached.
- WP 5. Activities of WP 5, planned in Y4, have been performed and outcomes reached.
- WP 6. Activities of WP 6, planned in Y4, have been performed and outcomes reached.
- WP 7. All activities of WP 7 have been worked out according to the work plan for Y4; the outputs and outcomes for WP 7 have been realized according to the indicators mentioned in the LFM.

Some activities in WP5, 6 and 7 will be performed after publication of this report.