EUt+

European University of Technology

Deliverable 29

D3.1.2a.b.c Conversion analysis

Del. Rel. 3.2

WP 3

Description: Conversion analysis of vocational curricula within the past year

Comment: The present deliverable is public, but annexes are to be considered confidential

Dissemination level: **PU**-Public (main) / **CO**-Confidential (annexes)

https://www.univ-tech.eu/phase-1-results

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Foreword to deliverable 29

The aim of this deliverable 29/3.1.2c is to evidence the activities undertaken in the conversion analysis and the evolution of Bachelor curricula in the implementation of the EUt+ multi-campus harmonisation process within the past year. It follows on from Deliverable 29/ 3.1.2b. For the purpose of this deliverable the past year is considered from September 2022 – August 2023 inclusive, in keeping with the calendar for submission of WP3 task 3.1 deliverables. This document outlines the results of the conversion of process with particular attention to the activities of existing clusters at Bachelor level. It also describes the emergence of new groups of academics working together to define common learning outcomes and achieve curricula convergence with the aim of becoming an EUt+ cluster open for student mobility.

A summary of staff and student mobility results shows a growing number of student and staff mobility. Student mobilities through the clusters are swelling. Initiatives launched by WP3 (Tasks 3.1 and 3.2) have been instrumental in supporting student mobility through the clusters and proactive in the launch of the Mobility Database project. The progress in the implementation of the EUt+ certificate and Diploma supplement, a strong motivator for students, is also explained.

Finally, reference is made to the anticipated development of these activities in the Accelerate Phase of EUt+.

In order not to multiply convergency processes and insofar as the evolution of Bachelor and Master in EUt+ is intricately linked, it has been chosen to treat the evolution of both in parallel. Thus, elements presented in this deliverable are repeated for coherence purposes from D31 Evolution of Master curricula as they allow for an illustration of the global conversion process and parallel evolution of both Bachelor and Master. The choice not to duplicate the convergency processes

but to trat them in parallel has shown increased efficiency as highlighted in the present deliverable.

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Glossary

Cluster – A *cluster* is a group of curricula, in a given thematic, from at least three partner institutions which aims at an accelerated convergence to achieve, as soon as possible, a *European degree* with a single academic regulation, where the student can move freely across several EUt+ campuses. The *cluster* works towards a common pedagogical model based on the description given in the *European Degree in Engineering EUt+ reference guide*.

Competence - The proven ability to use knowledge, personal, social and methodological skills in a work or study environment and also for professional and personal development. In the context of the European Qualification Framework (EQF) competence is described in terms of responsibility and autonomy. (European Council, 2017)

Learning Outcomes - "At the end of [an educational activity to be specified], the student will be able to [production to be specified]". *European Degree in Engineering EUt+ reference guide.*

Basic Learning Outcomes – outcomes of a course unit.

Final Learning Outcomes – outcomes at the end of the degree.

Mobility Map - The Mobility Map is the list of the modules that each partner institution is offering to incoming students. The modules are described in basic learning outcomes. The Mobility Map details the pedagogical and technical information needed for the choice and the organization of students' study tracks. Each "home institution" chooses the modules that its students can choose among the modules offered by the welcoming institution.

Introduction

Deliverable 29 reports the outcomes and challenges experienced during the past year, shedding light on the progress made towards the goal of building common European bachelor's degrees and strengthening pedagogical collaboration across consortium partners. This report provides a comprehensive overview of the following activities undertaken within Task 3.1: Creation of new clusters inside EUt+ Consortium; process improvement initiatives undertaken to ensure the seamless implementation of new clusters; optimization of activities within existing clusters; forming of the Educational Committee.

1 Curricula conversion process

The EUt+ convergence process is designed to harmonise partners' national degree curricula, a preliminary step in the development of a European Degree. This process led by WP3 is actioned through the clusters.

1.1 Conversion framework

The foundation stone of the conversion process is the common Competency Framework that was defined for all the European University of Technology Bachelor programmes. The concept, developed during the March 2021 EUt+ Workshop, switches the focus from current curricula to competencies-based curricula. The list of mandatory competencies shared by all partners the eut+ embeds a set of shared competencies that students should/could acquire during their academic path, at whichever eut+ campus they choose to study. The definition for the pedagogical competency and the learning outcome that are used in EUt+ are as follows (extract from: Annex 1 - European Degrees in Engineering EUt+ Reference Guide V.1): a

(Pedagogical) competences reflects the “know how to act and manage complex situations”; a competency is very stable over time and describes particularly well the “character traits” of a student trained in a given institution or programmes, and that is robust to changes in professions and disciplines.

Beside the common competency framework, for each selected Bachelor programme, a set of **Learning Outcomes** (LOs) is established. These are specific to the programme and are developed as part of the cluster activity. The LOs are defined by academic experts responsible for the specialisation from all involved partner universities taking into account the EUt+ ideals and the specific constraints related to those specialisations/programmes. In the context of the European degrees of the EUt+, the target programmes are defined in terms of *Final Learning Outcomes*. They are the precise description of the learning outcomes the student should have gained at the end of the degree and are specific to the specialisation. The descriptions of the modules (or the smallest exchangeable unit) are made by *basic learning outcomes*. Generally, one basic learning outcome per ECTS (or a little less) is listed. This is the basis for discussions between academics in the clusters.

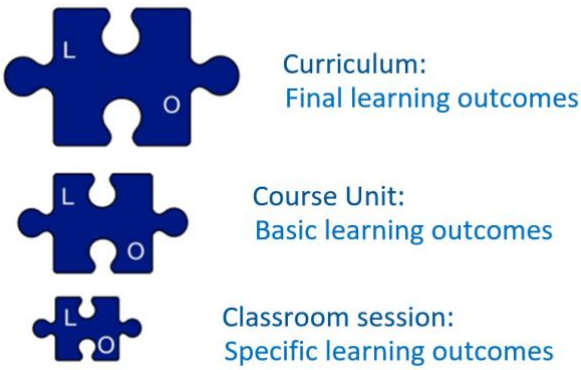


Figure 1 Learning Outcomes classification

For each programme, the target number of Final Learning Outcomes (FLOs) is 15 to 20 for Bachelor's in engineering and around 25 for a Master's in engineering (in which case the Master learning outcomes will include, explicitly or not, the Bachelor Learning outcomes).

The creation of Mobility Maps is a key activity and output of the clusters. The Mobility Maps offer the curricula for inter-campus mobility, pre-agreed with their assigned ECTS, thus allowing the students to follow their academic pathway towards their final learning outcomes at whichever EUt+ campus they choose to study.

1.2 Inputs and outputs of the conversion process in the past year

Formation of the Education Committee

In the past year the **EUt+ Education Committee** has pronounced on the formation of new clusters and provided advice to the Rectors' Board.

Formed in July 2022, the committee of representatives from all partners, primarily vice-rectors and directors of education and training aims to ensure that the directions taken by the partners related to education and training are consistent with the EUt+ initiative and European systems and to agree on the trajectory towards convergence of the piloting of their structures. It collaborates closely with WP3.

Creation of new EUt+ Clusters

An improved process for managing the emergence of new clusters was put in place by WP3 at the beginning of 2023. The *New Cluster Application Form* and associated procedure clearly defines the steps for candidates wishing to create a new cluster.

The application form incorporates information on the specialisation/programme, participating EUt+ partners and the objectives/targets of the cluster. If the goal is

to create a new specialized EUt+ degree programme, applicants are asked to declare its alignment with EU skills development targets EU Skills development targets and market needs. Consistency with the features of the EUt+ degree is also sought - studies in language and culture, interdisciplinary qualifications, and civic engagement.

New procedure for cluster creation

The procedure for creating a new cluster is presented as a sequence of steps that starts with a group of colleagues from an academic specialisation wishing to work together with their EUt+ partners to harmonise their curricula, create new EUt+ degrees and develop opportunities for student and teacher mobility across the EUt+ campuses.

- **Academics** begin discussions about working together to create a new 'cluster'.
- They inform **EUt+ WP3 leader** and the 3.1 Bachelor and/or 3.2 Master task liaisons.
- WP3 leader brings the request to the attention of the Steering Committee.
- The Steering Committee gives (or not) a 'green light' for the group to proceed. This implies that the principal representatives of all EUt+ partners are informed and mandated to spread the information in their institution about the opportunity to join this "working group". All EUt+ partners must be given the opportunity to join the group.
- Creation of a "**working group**" sphere in Whaller, the on-line platform shared by all EUt+ partners.
- Meeting with WP3 leaders, Bachelor and/or Master leaders with the objective of providing clear guidelines, requirements and awaited results as well as answering questions from the group.
- Following initial discussions and steps to establish the potential of a new cluster, the working group formalises its demand by completing the **Cluster**

Application Form. The filled application form must be returned to the WP3 leader.

- The application is presented to the **Steering Committee**.
- The **Education Committee** evaluates the application and issue the document "Statement of Education Committee".
- Both application and recommendations are then transferred to Rectors Board. The Rectors approval is a requirement for the creation of new clusters. This is formalised in a MoA.
- The working group becomes an official **Cluster**.

1.3 Bachelor curricula conversion implementation

The creation of new clusters and coordination of already existing clusters continued during the past year. The bachelor conversion/harmonisation process was implemented based on the MoA for the Creation of EUt+ Bachelor and master's in engineering. The clusters were guided through the process by the WP3 coordinators, 3.1 task manager and liaisons.

During the EUt+ Weeks the clusters and working groups met physically. These face-to-face exchanges contributed greatly to the progress of the harmonisation process.

Table 1 WP3.1 Physical meetings

EUt+ meeting	Period	Participating clusters/ working groups
EUt+ Week, Troyes	24-30 September 2022	Mechanical Engineering cluster

		Telecommunications and Networks cluster Industrial Engineering cluster Civil Engineering cluster
EUt+ Week, Limassol, Cyprus	10-14 October 2022	Global Sustainable Development BSc working group.
EUt+ Week, Darmstadt, Germany	21-25 November 2022	Global Sustainable Development BSc working group. Telecommunications and Networks cluster.
EUt+ Week, Sofia, Bulgaria	16-20 January 2023	Industrial Engineering cluster Architecture (on-line meeting) cluster
EUt+ Week, Cluj-Napoca, Romania	7-9 March 2023	Computer Science working group. Micro Electronics working group. Civil Engineering cluster. Mechanical Engineering cluster. Telecommunications and Networks cluster.
EUt+ Week, Dublin, Ireland	25- 27 April 2023	Architecture cluster.

EUt+ Week, Darmstadt, Germany	9-12 May 2023	Micro Electronics working group.

1.3.1 First wave cluster activities

The first wave clusters, Telecommunications and Networks, Mechanical Engineering and Civil Engineering continued to work constructively during the year 2022-2023. Primary activities included:

- improvement of the Mobility Maps based on the experience we had from the students mobilities in the academic year 2022–2023,
- refining the common Final Learning Outcomes in each cluster,
- increasing the student and teaching mobilities inside clusters.

Resulting from the relationships developed between academics within the clusters, common research and institutional programmes between consortium partners started to develop.

1.3.2 Second wave cluster activities

The second wave clusters were validated by the Rectors of the consortium early in 2022: the Architecture cluster and the Industrial Engineering cluster.

During the past year these clusters worked primarily to define their final learning outcomes and to create mobility maps permitting the first intercampus student mobilities in Autumn 2022 and Spring 2023.

The Industrial Engineering Cluster initially formed of five EUt+ partners, was joined by Riga RTU and CUT in March 2022.

1.3.3 Third wave clusters

Tableau 2 Microelectronics Cluster

Microelectronics Engineering	
Partner University	**Specialisation/Programme**
Technical University of Sofia [TUS]	Microelectronics, Faculty of Electronics Engineering and Technology
Riga Technical University [RTU]	Electronics and telecommunications
Technological University Dublin [TUDublin]	Electrical and Electronic Engineering / Physics
Technical University of Cartagena [UPCT]	Microelectronics
Technical University of Cluj-Napoca [TUCN]	Faculty of Electronics, Telecommunications, and Information Technology Integrated Circuits and Systems
Darmstadt University of Applied Sciences [h_da]	Electrical Engineering and

The **Computer Science** working group applied to become a cluster in June 2023 and this demand is expected to be validated by the Rectors during the autumn of 2023.

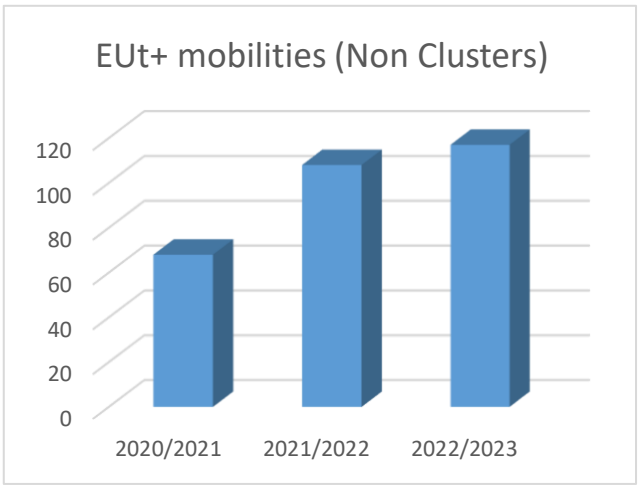
Table 3 Computer Science

Computer Science	
Partner University	**Specialisation/Programme**
Technical University of Sofia [TUS]	Computer Systems and Technology
University of Technology of Troyes [UTT]	Information Systems
Darmstadt University of Applied Sciences [h_da]	Computer Science
Riga Technical University [RTU]	Computer Science
Technological University Dublin [TUDublin]	School of Computer Science
Technical University of Cartagena [UPCT]	Electronics and Computer Technology
Technical University of Cluj-Napoca [TUCN]	Computer Science

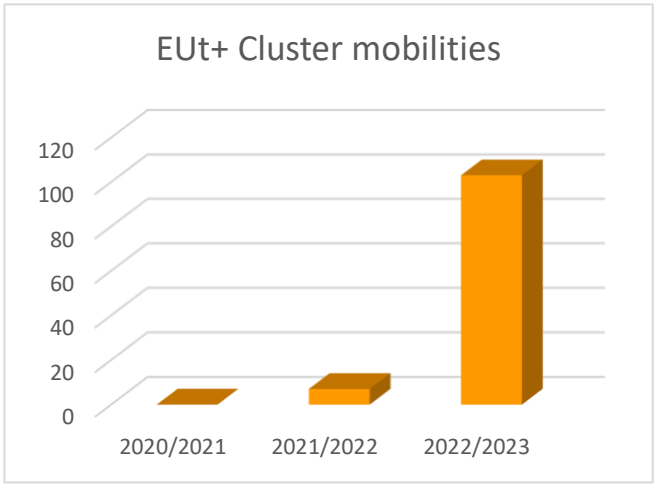
2 Cluster mobilities

The student and staff mobilities inside EUt+ consortium have continuously increased in the last 3 years of implementation. The trend is followed also by the mobilities inside clusters, especially in the first and second wave clusters.

As can be seen in Fig. 3.b, the student mobilities within the clusters (orange) had an exponential increase in the past years. The creation of the first and second wave clusters and the development of the Mobility Maps related with promotion events for students inside cluster specializations had a great impact on students to choose mobilities inside EUt + partner campuses. Analyzing the values, it can be observed that, in the academic year 2020/2021 no related cluster mobilities are reported, this situation is natural due to the fact that at that time no clusters existed during the student mobility selection process. In the academic year 2021/2022, a number of 7 student mobilities are reported, the small number is related to the incipient stage of the first wave clusters during the selection process. In 2022/2023 a number of 103 mobilities are reported, this is an increase of 1471% from the previous year. The increasing trend is estimated to repeat in the 2023/2024 academic year, this increase is sustained by the increasing number of clusters, student positive experience of already implemented mobilities, promotion events that present the mobilities opportunities and a more accessible EUt+ mobility application platform.



(a) Non cluster mobilities.



(b) Cluster mobilities

Figure 2 EUt+ Student mobility

Table 4 below presents the total number of EUt+ student mobilities within each cluster at bachelor's and master's level during the period from 2020 - 2023. Naturally, the clusters in the first wave with the most participating partners, Mechanical Engineering and Telecommunications and Networks, have the highest number of mobilities followed by those launched in the second wave. The total number of mobilities outside of the clusters is also shown, giving a grand total of 403 EUt+ student mobilities during this period.

Feedback from students post mobility has been positive. They appreciated the learning and cultural diversity in the partner campuses and emphasized the plus in their professional and personal development.

Table 4 EUt+ Student mobilities 2020 – 2023 by cluster

Cluster	No of mobilities /cycle of study	No of mobilities /specialization
Bsc-Mechanical Engineering	30	42
Msc-Mechanical Engineering	12	
Bsc-Telecommunications and Networks	14	23
Msc-Telecommunications and Networks	9	
Bsc-Civil Engineering	5	6
Msc-Civil Engineering	1	
Bsc-Architecture	22	23
Msc-Architecture	1	
Bsc-Industrial Engineering	7	12
Msc-Industrial Engineering	5	
Msc-Environmental Engineering	4	4
Total EUt+ student mobilities within clusters		110
Total EUt+ student mobilities outside of the clusters		293
TOTAL EUt+ student mobilities during 2020 – 2023		403

Staff mobilities within the EUt+ alliance increased continuously over the last 3 academic years. The values in the first implementation year are low due to COVID restriction but increased in the second and third implementation year. For cluster members the mobilities focused on the following activities: regular meetings related to curricula harmonization, teaching exchange, research activities, BIPs and informal visits.

2.1 WP3 actions to facilitate mobilities

Inter-campus mobility is a key outcome of the harmonisation of curricula in the convergence process. To this effect, WP3 leaders and the cluster members work to create new opportunities and to facilitate students and staff mobilities. During the past year, these activities centered on the activities of the clusters in refining existing Mobility Maps, and the opening of new clusters for student mobility; improved information sharing with associated work packages, the conception and development of an EUt+ mobility application and the advances made by partners to formalize EUt+ certificate and to adopt the Diploma supplement within their institutions.

WP3 has strengthened links with WP5 to encourage sharing of insights and useful information. WP5 and WP3 organized a joint workshop during the EUt+ physical meeting in Cluj Napoca in March 2023 specifically to discuss the cluster mobility process. As part of these discussions, RTU presented the Erasmus+ Blended Intensive Programme (BIP) initiative. BIP's are recognized by WP3 as means to strengthen pedagogical collaboration between EUt+ partners, inside and outside of the clusters. These programmes also offer students the opportunity to study a subject not offered at their home university alongside their European counterparts, providing a 'taster' mobility experience (one week duration) with the aim of encouraging longer EUt+ mobilities. Two BIPs were organized by the EUt+ partners in 2023 and another three are already planned for 2024.

2.2 Development of a Mobility Database application

The Mobility Maps created by the clusters provide information for students and international relations/Erasmus offices to guide students in the choice of their study pathways across the EUt+ campuses.

The need was identified for a single interface / tool that would give the students full visibility of the mobility options open to them at the same time as providing a database of curricula. As a result, a student project was launched by WP3, led by Pierre Beauseroy, Full Professor, WP3 Co-Leader and Eleanor Asprey EUt+ Project Coordinator at UTT.

The main objectives of this project are to:

1. Provide a tool for students to search for and choose their mobility based on all the required information and through a single application/ or platform. (Fig. 5. Example of search function).

2. Bring together the content of the cluster Mobility Maps in one EUt+ database giving teachers, administrators, and international relations staff full visibility.

3. Create a reference source of relevant data related to mobility choices and more. Provide a tool facilitating updates and modifications that also tracks those changes. Permit the sending of alerts indicating the need for review of contents.

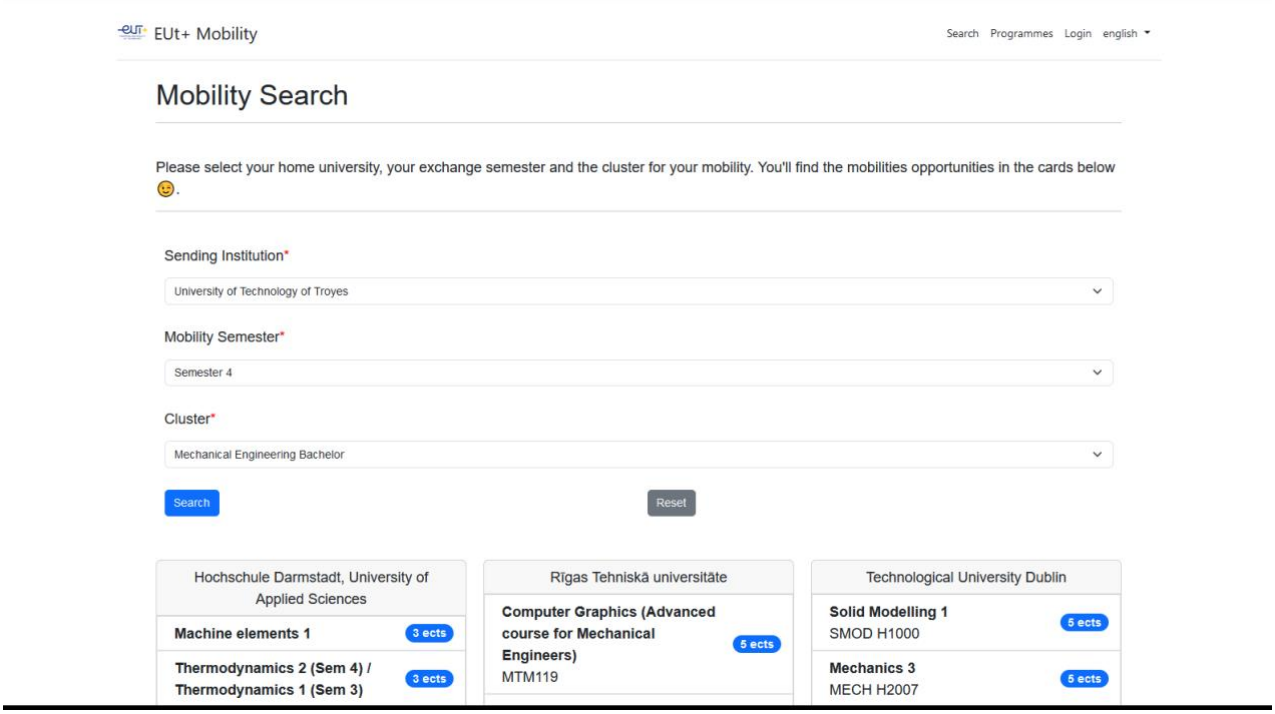


Figure 3 Screenshot of the student mobility search page

The **Mobility Database** was developed using an application framework compliant with universities' standards as outlined below:

- February 2023: project launched.
- June 2023: The pre-production application of the EUt+ Mobility Database ("info-mobility.univ-tech.eu") is active. Installed on an server, it has been tested by the ISSM 'Information Systems Security Manager at UTT, to ensure that the security systems of the application are in working order and function to repel cyber-attacks and security breaches of the database.

- UTT's Data Protection Officer has ensured that the data protection rules are respected in cooperation with the data protection authority under the EU's General Data Protection Regulations.
- July 2023: Initial testing phase. Testing of functions of the database performed on the small data size uploaded in the database system. Modifications to the application will be carried out after evaluation of the test results. An example of the database pages is given for illustration in figure 3.
- Next steps : Input of mass data September - October 2023: Launch of the application for general use for cluster mobilities end October 2023. In Phase 2 of the EUt+ initiative, it is envisaged that the database administration and evolution will come under the responsibilities of *WP8, 'Common digital Services and data convergence'*.

2.3 EUt+ certificate and diploma supplement

The EUt+ Student Experience was formalized by four EUt+ universities, UTCN, UPCT, TUS and UTT with **' EUt+ Agreement – Pilot for the facilitation of the Student Mobility between EUt+ partners and Cluster Development'** on 24th November 2022.

During 2023, the four EUt+ signatories further agreed to issue graduating students with an EUt+ certificate along with a supplement to their national diploma. EUt+ certificate will be issued if the following conditions are satisfied:

- Minimum physical mobility of 10 weeks within EUt+.
- A minimum of 25 ECTS obtained during the physical mobility at a EUt+ partner campus.

- Validation of at least 5 ECTS through the study of national language and culture assessed at least A1 level.
- Achievement of the following level in foreign languages,
  - one foreign European language at level B2.
- Fulfilling the national conditions for validation of the degree.

This certificate received internal validation of the 4 universities (Education Committee and the Administrative Committee in UTT and TUCN for instance) and is expected to be issued to graduating students for the first time in Autumn 2023. The exact issuance process is under final review at the time of writing this report.

The EUt+ certificate itself will be written in English and in the language of the student home university. It will be signed by all the 4 universities that agree to issue it. The certificate will mention the above awarding criteria.

The ambition is to propagate the certificate to all EUt+ partners universities.

3 Plan for the next implementation period

3.1 Emergence of new working groups to become clusters

Over 2022 – 2023 the calendar was opened up to permit academics to form working groups around different themes on an ad hoc basis. This lifts any restrictions in the development of new potential clusters. At the time of this report, a group has formed around the specialisation of Multimedia led by Professor Tilmann Kohlhaase, Animation and Game Production Programme Director at h_da.

The participant universities and the representative academics from each partner are presented in Table 4 below:

Table 4 Multimedia Working group

Multimedia	
Partner University	**Specialisation/Programme**
Darmstadt University of Applied Sciences [h_da]	Animation and Game
Technical University of Dublin [TUD]	Creative Media
Cyprus University of Technology [CUT]	Multimedia and Graphic Arts

3.2 Other initiatives

A BSc. Global Sustainable Development is being developed by 4 EUt+ partners CUT, RTU, h_da, TU Dublin with expressions of interest from TU Sofia and TUCN. The programme proposes a new four-year bachelor including 2 obligatory yearlong mobilities. This new programme will require national accreditation or European accreditation.

Table 5 Global Sustainable Development group

Global Sustainable Development BSc.	
Partner University	**Specialisation/Programme**
Cyprus University of Technology [CUT]	Sustainable urban governance Chemical Engineering Department
Riga Technical University [RTU]	Environmental Science

Darmstadt University of Applied Sciences [h_DA]	Thermodynamics and Environmental Technologies
Technological University Dublin [TUD]	Accounting and Finance
Technical University of Sofia [TUS]	*Faculty of Agronomy*
Universidad Politécnica De Cartagena [UPCT]	*Chemical and Environmental Engineering*
Technical University of Cluj-Napoca [TUCN]	*Environmental Engineering*

Other activities related to mobility and shared learning platforms arose over the past year as a direct result of collaborations between partners. For example, h_da, CUT, UPCT and UTT developed the 'DaCaDu' project coordinated by h_da. The project offers students the opportunity to share German classes with fellow EUt+ students (hybrid mode), with whom they created content for a common blog to help to other students. The project includes some blended mobility. Approximately 40 students were concerned in spring 2023. The created blog can be visited at: https://interculturalblog-hda.de/fr/home-francais/ .

The next phase, 'EUt+ Accelerate', will build on the partnership achieved so far to further strengthen and expand collaboration between institutions, staff and students. Innovative and new systemic, structural and sustainable cooperation models are convincingly presented in the proposal (e.g., Technology Studies, Engineering and Design School (TEDS), a flagship EUt+ programme).

The proposal states a clear commitment to the creation of a new university model that is consistent with the long-term vision of the European Universities initiative, and its overall goal to become a full-fledged University of Technology is well aligned with the long-term vision of the call. Key strengths of the proposal include the joint education and research agenda, the EUt+ Reference Guide for European Degrees in Engineering, and an

agreement on a common competence framework for joint EUt+ Bachelor's and Master's degrees in engineering.

Discussion and conclusion

This deliverable describes the achievements of Task 3.1 during the third implementation year of EUt+: continuation of the harmonisation process of the existing clusters and the development of new clusters, following the trajectory established in the EUt+ Bid document.

The Cluster Application procedure, establishing how an academic group becomes a cluster implemented by WP3 is proving effective in the management of the development of new clusters ensuring that the Steering committee, and Education Vice-Rectors are kept fully informed and play a significant advisory role in the decision-making process of the Rectors.

Over the past year, the new working groups/clusters accompanied by Task 3.1, were seen to adopt the process for harmonisation of curricula and to progress more rapidly than their counterparts in the first and second wave. (Agreement reached on their final learning outcomes, basic learning outcomes, and the creation of Mobility Maps).

From a management point of view, the creation of the Education Committee is also an important step in assuring that representatives / directors of Education and Training are more fully involved in the EUt+ initiative and take a formal role in ensuring the dynamic of the undergoing transformations in a cohesive manner within their institutions.

The student and staff mobilities inside the clusters increased rapidly in the second and third year of implementation. The bond created between the partner

universities at pedagogical and research level, facilitated students mobilities for learning (1 or 2 semesters) and training in specialized research laboratories. Students gave positive feedback about the impact on their professional and personal development.

After a hesitant start in staff (teachers) mobilities (due to COVID pandemic) a significant increase is observed in the second and third implementation years. These mobilities focused on strengthening and developing pedagogical collaboration between EUt+ campuses facilitating the implementation of the harmonisation process inside clusters, developing new educational and research projects (BIPs, KA2 etc.).

The Mobility Database is expected to have an important role in widening access to mobilities for students and providing a critical database of information to teachers / staff. This will help to market and make visible the cluster curricula across the EUt+. The first version of this Mobility Database is planned for launch in Autumn 2023. Whilst the database remains a work in progress, it has been conceived with the goal of providing a platform for the agglomeration of all EUt+ partners' curricula at term. In a larger sense, it has potential for wider use within the initiative; to be able to connect this database with shared platforms, such as the ePortfolio in the Accelerate phase of EUt+.

The EUt+ certificate awaited by students will add value to the EUt+ student experience and help to disseminate EUt+ branding within the partners, also in other universities, organisations and in industry as EUt+ students enter the job market. This certificate is anticipated to transform into a future European Label if EU succeeds in the creation of a single European accreditation for engineering degrees.

Annexes

Annex 1 – D3.1.1 + D3.2.1 Workshop analysis (already submitted, for information only)

Annex 2 – MoA for the Creation of EUt+ Bachelor and Master in Engineering

Annex 3 – European Degree Reference Guide (already submitted, for information only)

Annex 4 – Competency framework Bachelor EUt+

Annex 5 – LOs clusters 1st wave Bachelor and master (in convergence process)

Annex 6 – LO Matrix Task 3.1 (in convergence process)

Annex 7 – Mobility Maps Task 3.1 (in convergence process)

Annex 8 – EUt Agreement: Student Mobility between EUt+ Partners Facilitation Student Mobility

Annex 9 – Creation of EUt+ Bachelor's and Master's in Engineering

Annex 10 - Mobility Maps Task 3.3 (in convergence process)

Annex 11 - Presentation Mobility

Annex 12 - MoA second wave clusters (Feb 2022)