Partners:

Eduweb
Combating Digital Exclusion

CHILDREN
EDUCATE
DIGITALLY ILLITERATE
ADULTS
IN **safe** & **creative web**

www.eduweb-project.eu

Funded By

IKY Erasmus+

Regional Directorate of Primary and
Secondary Education in Western Greece

This project is co-funded by the **Erasmus+ programme** of the European Union
© Copyright by the EduWeb Consortium
.

Final Report for 2016-1-EL01-KA201-023649

Author(s):	ALL PARTNERS (contribution)
Editor(s):	Kostas Giannopoulos – Aris Louvris – Stavroula Stasinou
Activity leading organisation:	PDEDE
Document version - Status:	V1.0 FINAL
Submission date:	September 2018
Dissemination level:	Internal

Document factsheet

EC Project Number:	2016-1-EL01-KA201-023649
Project Title:	Combating Digital Exclusion: Children **edu**cate digitally illiterate adults in safe and creative **web**
Project Acronym:	EduWeb

Title of document:	Progress Report
Intellectual Output:	-
Due date according to proposal / contract:	30/09/2018
Document identifier:	eSL+_Progress_Report_v0.1.docx
Document Link:	-
Contributor(s):	All partners
Reviewer(s):	EduWeb Consortium
Approved by:	EduWeb Consortium
Abstract:	It is the Final Report that must be submitted on-line using the Mobility Tool+ platform. This report depicts the progress of the EduWeb project for the period September 2017 – August 2018.
Keyword List:	EduWeb

Consortium

	Role	Name	Short Name	Country
1.	Coordinator	Regional Directorate of Primary and Secondary Education of Western Greece	PDEDE	GR
2.	Partner	Computer Technology Institute and Press "Diophantus" - Greek School Network	CTI	GR
3.	Partner	Bournemouth University	BU	UK
4.	Partner	Ufficio Scolastico Regionale per il Veneto	USRV	IT
5.	Partner	Cyprus Pedagogical Institute	CPI	CY
6.	Partner	Ministry of Youth and Sports	MYS	BG
7.	School - partner	Peiramatiko Gymnasio Panepistimiou Patron	PGPP	GR
8.	School - partner	Istituto Istruzione Superiore – EINAUDI- SCARPA	IISES	IT
9.	School - partner	LYKEIO ARADIPPOU	LA	CY
10.	School - partner	Atlantic Portland Acedemy	APA	UK

Table of Contents

This project is funded by
the European Union

1 Project Management and Implementation

Please provide an overall state of play of your project: what are the achievements of the project at this stage? Are the initial project activities and objectives being carried out and reached so far?

CTI:

In general, the main goals of the project for CTI was the design and creation, maintenance and support of the project portal and the e-learning environment. Both of these goals have been carried out successfully. Also, trainings and workshops and supportive educational material for the trainings have been implemented successfully. Additionally, the deliverables reports have been written.

BU:

BU facilitated and supported the successful management and implementation of the project by ensuring the definition and structures of the EduWeb platform was delivered on time and within budget. BU also provided guidance and support in the implementation of contents and dissemination of the developed EduWeb platform.

CPI:

The Cyprus Pedagogical Institute (CPI) as a project partner during the period (Sep. 16 - Sep. 18) completed the following actions:

- Published of a press release for the starting of the project

- Participated in all the project meetings
    - 1st meeting (kick off meeting) at Patras in October 2016 with 2 persons
    - 2nd meeting at Bournemouth in September 2017 with 1 person
    - 3rd meeting at Patras in February 2018 with 2 persons
    - 4th meeting at Venice in September 2018 with 1 person

- Disseminated the EduWeb project in 2 conferences
    - 5ο Πανελλήνιο Εκπαιδευτικό Συνέδριο Κεντρικής Μακεδονίας «Αξιοποίηση των Τ.Π.Ε. στη Διδακτική Πράξη», 26, 27 & 28 Απριλίου 2018, Θεσσαλονίκη, Ελλάδα (https://5syn-thess2018.ekped.gr/praktika2018/d-062-078-090.pdf) – paper presentation
    - Digital Education Expert Conference (Austrian Presidency of the Council of the European Union) με θέμα "Digital Strategies for School Education: Barriers, Enablers and Success Factors", 8 – 9 October 2018, Eisenstadt, Austria – group discussion and leaflets dissemination

- Contributed to the project Outputs

- Co-authored Output 1 (O1): Report on the best practices for adults' education on Internet use in the educational process throughout Europe (http://eduweb-project.eu/index.php/en/eduweb-en/documents-en)

- Authored Output O3A2: Educational material (http://eduweb-project.eu/index.php/en/eduweb-en/documents-en)

- Authored the EduWeb teachers' guide (http://eduweb-project.eu/index.php/en/eduweb-en/documents-en)

- Authored the EduWeb students' guide (http://eduweb-project.eu/index.php/en/eduweb-en/documents-en)

- Designed and published the EduWeb character Webbie in differnet forms and postures. Webbie is used in educational and promotional material (http://eduweb-project.eu/index.php/en/eduweb-en/documents-en)

- Trained the teachers of the Cyprus school project partner (Lyceum Aradippou) and supported the EduWeb implementation with the school students

- Invited through an open call to all schools through a circular in the beginning of the school year 2017-2018 and 2018-2019 to implement EduWeb approach as the project's exploitation. A kick off meeting for each implementation period introduced teachers and students into the EduWeb approach, while support was (and is still being) provided by a CPI mentor for the development of lessons by the students and the lessons implementation with the adults. A total of 45 lessons have been developed by Cypriot students until now and uploaded on the EduWeb project portal.

- Hosted all the EduWeb schools and EduWebbers in the yearly final conference for digital technologies (April 2017 and April 2018) to demonstrate their work, while the LA EduWebbers were supported to give a workshop to the rest of the schools on what EduWeb is and how they can get involved (http://www.pi.ac.cy/imeridaTPE2018)

- Introduced the EduWeb approach to the Young Coaches of the Internet, a yearly programme that runs since 2013 (https://youngcoaches.pi.ac.cy)

Keeps a national EduWeb site to support the Cyprus EduWeb implementation, dissemination and exploitation (http://www.pi.ac.cy/eduweb)

Ministry of Youth and Sports:

Ministry of Youth and Sports fulfilled its tasks and objectives that are placed in the agreement with PDEDE. The Bulgarian Partner managed to promote the EduWeb website in as many other websites. The EduWeb project was firstly linked to the ministry' website: http://eduweb-project.eu/index.php/bg/

Secondly, we linked information concerning the involvement of the ministry in the implementation process of the project into the National youth information network, reaching the most important organizations dealing in the youth sector, thus giving 25 Bulgarian youth organizations the opportunity to acknowledge the EduWeb project and disseminate it locally.

http://nism.bg/bg//articles/view/1363.proekt-borba-s-digitalnoto-izklyuchvane-deca-obuchavat-digitalno-negramotni-vazrastni-na-bezopasno-i-kreativno-internet-sarfirane-eduweb.html

EduWeb was also acknowledged by the Ministry of Youth and Sports school network.

The following schools were determined to participate in the project and actively took place in the project implementation process:

Sports School "Georgi Benkovski" - Varna Sports School "St. Atanas Uzunov" - Rousse Sports School "Yuri Gagarin" - Bourgas; Sports School "Vasil Levski" - Plovdiv; Sports School "Dimitar Rohov" - Sliven; Sports School "St. Kliment Ohridski "- Vratsa; 166 School "Vasil Levski" - Sofia. Practically, all the Sports Schools under the hat of the Ministry of Youth and Sports were included to the EduWeb project plus one randomly chosen school - 166 School "Vasil Levski" – Sofia.

Practically, EduWeb was disseminated across the biggest cities in Bulgaria. The initial project activities and objectives were carried out and reached.

These seven schools presented the project to the pupils at school. Extracurricular activities between school coordinators (informatics teachers) and students aged between 13 and 15 years old took place, aiming to elaborate more than 20 educational courses in seven different categories in order to answer the Bulgarian digitally illiterate adult needs.

The way this project introduces and involves children into the education process is very impressive to the audience. Therefore, good dissemination and exploitation opportunities were foreseen at the beginning of the project.

PGPP:

The initial project activities and objectives being carried out and reached so far

LA:

Aradippou Lyceum (LA) during the period (Sep. 16 - Sep. 18) completed the following:

ACTIONS

- Formed an EduWeb Coordination Panel consisted of Management and Teacher Staff
- Called for Interest Students' participation procedure
- Selected and formed a Core Team consisted of 7 students – so called Edubers LA Team
- Created Pilot Educational Material in full compliance with O1 report

- Teachers and Students were rained and supported by CPI (project partner) (Lyceum Aradippou) in order to be able to design, pilot test, publish, implement educational material

- Contributed to the needs analysis of the EduWeb Character – Webbie

- Educational material produced, was designed, pilot tested, published and presented by students under teachers' guiding and support.

- In Sept 2017, hosted the 1rst Kick-off Meeting of Cyprus Schools which were invited to implement EduWeb approach as the project's exploitation. Edubers LA performed 4 workshops demonstrating adult training to students and teachers from participating schools
- Provided training to family members, school staff (teachers, managers, other personnel), Aradippou Municipality personnel (Dec 2017-April 2018)
- Produced and promoted the EduWeb Promo Video (Home Page of the Project's Portal)
- Presented Work and Experiences in Projects' multiplier events in Patras, Greece(Feb2017) and venice(Sept2018) – Students Participation was funded by sponsors
    - o

PARTICIPATION IN THE PROJECT MEETINGS

- 1st meeting (kick off meeting) at Patras in October 2016 with 2 teachers

- 3rd meeting at Patras in February 2018 with 2 teachers and 7 students

- 4th meeting at Venice in September 2018 with 2 teachers and 7 students

 DISSEMINATION

- Press releases in local media, in Sept 2016, Sept2017, Feb2018, Apr2018, Sept2018
- Presentation of the Program to School Parents' Association, School's Teacher Association (Nov 2017)
- Presentation by Students on Cyprus TV media organised by CPI during the SID week (Feb2018)
- Participated and provided workgroups on how to implement EduWeb's to students to CPI's yearly final conference for digital technologies (April 2017 and April 2018)

CONTRIBUTION TO PROJECT'S OUTPUTS

- Co-authored Output 1 (O1): Report on the best practices for adults' education on Internet use in the educational process throughout Europe (http://eduweb-project.eu/index.php/en/eduweb-en/documents-en)

- Contributed in Output O3A2: Educational material (http://eduweb-project.eu/index.php/en/eduweb-en/documents-en)

- Co-Authored the EduWeb students' guide (http://eduweb-project.eu/index.php/en/eduweb-en/documents-en)

- Contributed to the Design and publication of the EduWeb character Webbie in different forms and postures.   Webbie is used in educational and promotional material (http://eduweb-project.eu/index.php/en/eduweb-en/documents-en)

- Trained and supported the students in Aradippou Lyceum

- Produced training material in various forms and uploaded it to project's portal

- Trained adults on safe and creative internet

- Supported other schools to implement EduWeb in Cyprus

AAP:

The project is now at an end. My institution was the UK partner school. We created content from a UK perspective, and really pushed the design of the website, in particular how the documentation had to be uploaded etc. Our main role was to support BU in research, and offer advice and guidance to other institutions. We achieved some great content designed and made by pupils, which was delivered in the multiplier event at the end of June 2018.

Please describe further in details the project activities supported by the grant for Project Management and Implementation that have been carried out until now.

CTI:

CTI helped and supported the management of the partners of the project throughout the whole project duration.

Also, created, managed and supported a mailing list, a shared calendar and a common space for documents sharing and better organization of the partners' files and cooperation. The tools used for the creation of the mailing list, the calendar and the common space, were based on google services, because this has been found more convenient, as most partners already had access to these services.

BU:

BU contributed to the project administrative coordination by facilitating administrative and contractual relationships with the consortium as well as providing assistance with technical management.

Ministry of Youth and Sports:

In searching the right way to the project implementation, a lot of management meetings had to be organised to define the best and at the same time most proper way in disseminating and exploiting the EduWeb project.

Our team was divided into groups. We had to distribute our commitments in organising the project implementation in Bulgaria.

The first main tasks were to translate all the project documentation and determine the proper schools and teachers (coordinators) to be involved in the project implementation in Bulgaria. Several meetings in and out of Sofia were arranged in order to find the best schools and teachers across Bulgaria, able to implement the project by following the standards for the creation of EduWeb education material and also guidelines elaborated during the different project phases by the other partners represented in the consortium. It was a long process of sticking and cooperation between institution and schools, which become successful afterwards.

The EduWeb management have visited seven Bulgarian Sports School. Despite the Project implementation methodology wasn't completely defined during that time, we had to transfer to the participating schools the EduWeb objectives and task commitments already agreed with PDEDE, as a coordinating institution. School competitions had to be organised in order to define the best student-educator and also to highlight the school with most digitally illiterate adults who were trained.

After the second meeting in Bournemouth we already had a clear vision how to proceed with the creation and development of the educational content. It was quite clear to the project management that we definitely need informatics teachers in order to create and strengthen the relation and coordination between our project management and the students involved. Someone had to educate, discipline, coordinate, motivate and inspire the pupils on weekly basis. Therefore, the project management decided to involve in this coordination process 8 informatics teachers from the targeted schools. We nominated two teachers (coordinators) from the Plovdiv's sports school, as it is the biggest one in Bulgaria. The others were represented by one teacher (coordinator) each. All the coordinators were paid in order to establish the proper educational environment and together with a group of three to five students to create the

educational material in extracurricular activities at schools. Coordinators main tasks were to encourage the pupils in their extracurricular activities in order to develop courses suitable for education online by following the EduWeb methodology and guidelines approved by the partner consortium. The pedagogical approach was also needed in finding the best way for transferring the elaborated education content from the students to the adult part of their families, placed in the core of this project. The fruitful work between coordinators and students created 23 courses from 7 different categories.

The process of uploading the educational content into the project website took a lot of time. It has been managed by the technical staff of the project. Actually, the work online was not only about the uploading. Every course had to be uploaded and then correctly tagged. Partner guidelines had to be followed. Many settings for each learning mite or bundle of the course were set up.

The Bulgarian team biggest achievement related to the project dissemination and exploitation processes is the organisation of Multiplier event, which was not, actually foreseen in its agreement with PDEDE. Inspired by the multiplier event visited in Greece, the Bulgarian partner decided to find a sponsor and organise an event, thus boosting the awareness in regard to the objectives and benefits provided by the EduWeb project. School competitions took place in a bigger hall during the graduation day of "Vasil Levski" sports school in Plovdiv. This event boosted seriously the number of attendance. Many students were encouraged to join the knowledge competitions. Together with randomly selected adults from the crowd, they had to create a skype account and send a message to the jury's skype account in order to accomplish their task in this competition. Best performing educators (students) were prized with several tablets provided by the sponsor – "Sibota" ltd.

Bulgarian Multiplier event can be described as a great achievement that multiplied the Bulgarian partner efforts related to dissemination and exploitation processes.

PGPP:

the project activities supported by the grant for Project Management and Implementation that have been carried out until now concern:

the creation of educational material by pupils and the training of adults. For this reason, we have provided 3 laptops to support the creation of the material and the training of the adults

the multiplier events and the dissemination actions organized by PGPP in cooperation with PDE. For this purpose, we maintained the computer and internet network, the electrical installation of the school building, in order to support the 1st multiplier event in our school, we have upgraded the equipment for reproduction of printed matter (maintenance and expansion of photocopiers etc.)

We have also provided usb stics as a reward for students who have been very actively involved in the creation of the educational material and in the implementation of the adults training

AAP:

Most of the grant afforded time for myself and Philip Wilkinson to attend the multiplier event, the Edu web meetings and time off timetable to support the students making content, as well as the time to upload and order the content. It also allowed us to support students delivering to adults in sessions.

How is the monitoring of the project being carried out so far and by whom?

CTI:

During the project duration, CTI regularly asked from the partners, things that were needed for the completion of each task. Such things include the language translations, dissemination news, the trainings and workshop reports and feedback from the parners about the website and the e-learning environment.

BU:

The requirement analysis (EduWeb_02A) was developed in consultation and partnership with schools, teachers and students who helped in determining which e-learning environment and educational programs will be selected, what organizational structure in responsibilities will be followed, and what training and support is needed.

The EduWeb platform has incorporate function which facilitates the continuous feedback and update of the platform based on the feedback from its users who consist of partners, schools, teachers and students.

Ministry of Youth and Sports:

The creation process of the Bulgarian educational material was conducted under the surveillance by the EduWeb management. Courses were created in a conjoint work between coordinators and students mostly aged between 13 and 15 years old. Each learning bundle was properly monitored by the management. Email correspondence was used for transmitting the courses content. Final assessment and approval of each course was conducted at least by two of the project management.

PGPP:

the monitoring of the project being carried out perfectly so far. All members contributed to this effort , under the coordination of the coordinator of the whole project, Mr. Aris Louvris,

AAP:

The project was monitored by myself in school and also Phil who liaise with BU. The monitoring also came from the Edu web project lead Aris. We kept record of time used, and content completed.

How did the project partners contribute to the project so far? Has the distribution of tasks been adjusted since the application stage?

CTI:

Throughout the whole project duration CTI carefully tried to accomplish its obligations in each part, both as a coordinator in particular tasks and as a participator in others. The distribution of tasks has not been particularly changed, but what has changed, was the initial approach for the e-learning platform and the lessons in it, after the feedback we collected from the rest of the partners.

BU:

BU provided the requirement analysis (EduWeb_02A) for the EduWeb platform which details a clear guide of the basic definitions, understandings and demands in order to set up an e-learning environment and the educational programs for adults education on Internet use.

BU developed content for deployment on to developed EduWeb platform.

BU ran a very well attended workshop to disseminate and provide awareness of the EduWeb platform.

Ministry of Youth and Sports:

Bulgarian partner contributed to the project in its O6/A1 to A4 phases (dissemination and exploitation). The distribution of tasks hasn't been adjusted since the application stage. All tasks were placed well in the contract between the Coordinator and the Bulgarian co-beneficiary.

Some settings changes regarding the uploaded online courses were needed when the website platform changed, but there was not an essential adjustment of tasks at all since the application stage.

PGPP:

all partners contributed to the project. The distribution of tasks been adjusted since the application stage according to the needs that came up and declared during the partners meetings

AAP:

Project partners contributed in many ways. AAPs contribution was in the form of many conversations and guidance points in the Edu web meetings, creation of content and leading on knowledge from previous research around digital families.

If your project involves other organisations, not formally participating in the project, please briefly describe their involvement.

Ministry of Youth and Sports:

The following schools were determined to participate in the project and actively took place in the project implementation process:

Sports School "Georgi Benkovski" - Varna; Sports School "St. Atanas Uzunov" - Rousse; Sports School "Yuri Gagarin" - Bourgas; Sports School "Vasil Levski" - Plovdiv; Sports School "Dimitar Rohov" - Sliven; Sports School "St. Kliment Ohridski "- Vratsa; 166 School "Vasil Levski" - Sofia. Practically, all the Sports Schools under the hat of the Ministry of Youth and Sports were included to the EduWeb project plus one randomly chosen school - 166 School "Vasil Levski" – Sofia.

Each school nominated a coordinator to be in charged for the preparation of the proper education material that had to be uploaded to the website afterwards.

If relevant, please describe any difficulties you have encountered in managing the implementation of the project and how you and your partners handle them.

CTI:

During the project duration, sometimes some partners did not respond adequately fast to the things asked by CTI, such as the translations for different texts in the guides and the website/e-learning. CTI handled such situations by continuously reminding the partners their obligations to the project.

Ministry of Youth and Sports:

The only difficulty, we have faced was related to the education material. We had to change courses settings several times in order to make them more flexible to the final customer. All the courses already uploaded into the project website have been amended properly. All the partners approved the amendments during the third meeting in Patra and we managed to amend the education courses on time. This intervention was needed in order to make the website and the content in more suitable to the end consumer.

AAP:

We have encountered several problems in the form that when we signed up to the project, we were a different school name, and was taken over shortly after. This meant the ethos and values of the school changed, so implementing ICT projects became more challenging. However this was handled within subject so was not an issue.

The second difficulty was time, when the project started there were more staff to support the project within the school. However the school have been understanding and released me where needed so I can support fully.

2 Transnational Project Meetings

Description of the meetings.

CTI:

CTI was present in the next transnational meetings. The kick off project meeting in Greece, the 2017 meeting in UK, the meeting before the first multiplier event in Greece on 28/2/2018, the meeting on 21/9/2018 in Venice (remote participation). During these meetings CTI presented things related to each meeting to the partners and asked for their feedback.

BU:

The 2nd meeting was held at BU premises in Bournemouth, UK at the mid of the project. The project's terminology was specified and ratified during this meeting, in order to enable the collaboration of the partners during the later stages (refinement of the platform and production of educational material). The VLE was thoroughly reviewed and issues were identified and resolved. In terms of the material, a delivery plan was set and all partners were assigned tasks relating to the development of the education material across the 7 thematic categories. Internal and additional intermediate deadlines were also set.

USRV:

USRV organized the last transnational project meeting on September, 19 – 20 2018 at USRV premises located in Mestre (Venice). 16 representatives of partner organisations participated on both days. The first days afternoon dealt with the approval and release of project IOs. The coordinators of each IO had the opportunity to present the state of play and ask other partners for further information in order to release the final version of each IO. The session was very fruitful and each partner contributed in an active way. The second day was dedicated to the presentation of activities carried out with regard to dissemination and exploitation, in particular the results of the school competitions, the description of the exploitation plan as well of the viability and sustainability plan. The last part of the day dealt with the discussion on the administrative and financial aspects and the presentation of the multiplier event agenda by USRV.

3 Intellectual Outputs

Output Identification	IO1
Output title	Report on the best practices for adults' education on Internet use in the educational process throughout Europe.
Description of the intellectual output (Please provide detailed information about the nature of the output and its significant contribution in terms of innovation, impact and transferability. In case there is a difference between what was planned and what was implemented, please explain why)	**USRV:** This output aims to study the bibliography in order to identify the suitable techniques and learning approaches that will be used in the educational tools that will be designed, focusing on adults' education on Internet use. This report will provide the framework for the requirement analysis and definition of the educational tools in O2. The output is divided in two main parts: a) the European dimension and b) the pedagogical aspects. USRV was responsible for drafting the first part and proofreading the final version of the output. Section 1 has been divided into two sub-sections: Literature review dealing with a description of the existing literature on the following subjects: adult learning, training young coaches (pedagogy), digital learning and Internet safety. The types of documents taken into account have included: European policy reports, Surveys/Reports, Research/Academic

	papers and other professional output.
	Good practices presenting an overview of the existing good practices and projects on the use of Internet by adult people. The information was taken from projects websites, documents or materials that are available to the audience.
	Section 2 elaborates more on the pedagogical aspects of a proposed EduWeb model on adults' education on Internet use by young students, through the literature review and the good practices identified, as well as the study of the special characteristics of each of the EduWeb target groups (teachers, students and adults), and describes the process and contents of an EduWeb model to be used.
	In the last part of the report conclusions have been put forward.
	The Output is significant and provided for the necessary framework to design the pedagogical and educational innovative tools (IO 02).
	The Output was implemented according to what written and agreed in the project proposal.
	CPI:
	Co-authored Output 1 (O1): Report on the best practices for adults' education on Internet use in the educational process throughout Europe (http://eduweb-project.eu/index.php/en/eduweb-en/documents-en)
	The output was Co authored from the two responsible partners (CPI and USRV) as one deliverable.
	Used as a basis for the development of the EduWeb approach
	LA:
	Co-authored Output 1 (O1): Report on the best practices for adults' education on Internet use in the educational process throughout Europe (http://eduweb-project.eu/index.php/en/eduweb-en/documents-en)
	The output was co-authored from the two responsible partners (CPI and USRV) as one deliverable.
	Used as a basis for the development of the EduWeb approach
Start Date (dd-mm-yyyy)	01-10-2016
End Date (dd-mm-yyyy)	31-01-2017
Available Languages	
Available Medias	
Leading Organisation	USRV
Participating Organisations	CPI

Output Identification	IO2
Output title	Requirements analysis report of the educational tools (i.e. e-learning environment and the educational material) for adults' education on Internet use
Description of the intellectual output (Please provide detailed information about the nature of the output and its significant contribution in terms of innovation, impact and transferability. In case there is a difference between what was planned and what was implemented, please explain why)	**CTI:** • Participation in the writing of the O2A1 report, which specifies the requirements of the specialized educational tools in order to set up an e-learning environment and the corresponding educational material for adults' education on Internet use. Along with the University of Bournemouth, we participated in the writing, proofreading and revisions on this report, to ensure the quality of the final product. • Participation and proof reading of the O2A2 report, which contains definitions of the processes, procedures and structures of the specialized educational tools an e-learning platform will need to support. Along with the University of Bournemouth, we participated in the writing, proofreading and revisions on this report, to ensure the quality of the final product. **BU**: A detailed requirements analysis was performed at this stage. Following the IO1 deliverable (Report on best practices), it was decided that the Eduweb platform would need to support material covering 7 thematic areas. Moreover, the concept of Learning Mite or L-Mite was introduced, referring to an atomic and self-contained nugget of learning material. The criteria for an L-Mite were that it could be in a number of formats and communication forms (including short educational videos) and optional assessment components. The combination of L-Mites would make an L-Bundle. ○ Such arrangement resulted into a scalable and efficient solution, where contributors would be able to produce easily learning content, without investing a significant amount of effort, as the barriers are relatively low. In addition, the scoring system infrastructure also defined allows the introduction of gamification dimension to the learning process. The simplicity of the interface design for introducing and adding content would allow contributors to provide L-Mites even with a basic knowledge of ICT. **CPI**: • The CPI described the needs for the elearning platform as asked and gave also through O1 and O3 some more specifications
Start Date (dd-mm-yyyy)	01-12-2016
End Date (dd-mm-yyyy)	28-02-2017
Available Languages	
Available Medias	
Leading Organisation	BU

Participating Organisations	CPI CTI

Output Identification	O3
Output title	Implementation of educational material for teachers
Description of the intellectual output (Please provide detailed information about the nature of the output and its significant contribution in terms of innovation, impact and transferability. In case there is a difference between what was planned and what was implemented, please explain why)	**BU**: The educational material for teachers was a fusion of ideas from the literature and specifically the combination of Knowle's Adult Learning Theory Assumptions and Principles to e-learning. In addition, the Eduweb project promoted and built upon the European Commission's EPALE platform (Electronic Platform for Adult Learning in Europe). The material focused on how to create personalized learning with gamification elements. The material was empirically validated by involving a number of schools and students who developed material and participated in the project's multiplier events, showcasing the various materials through the Eduweb e-learning platform but also creating a physical, interactive and pleasant experience, as showed in the participant's feedback. Versions of the training material were developed in the four official project languages (English, Italian, Bulgarian, Greek). A big emphasis was given in Internet Safety; Although this was a distinct thematic area (one of the 7), it was also recognised that safety and security is a horizontal activity spawning accross all other activities. As such, particular emphasis was given and elements of security and safety are present in all themes, as a separate section at the end of many L-Mites. **CPI**: The CPI described the needs for the elearning platform as asked and gave also through O1 some more specifications CPI also authored Authored under this Output the following • Output O3A2: Educational material (http://eduweb-project.eu/index.php/en/eduweb-en/documents-en) • Authored the EduWeb teachers' guide (http://eduweb-project.eu/index.php/en/eduweb-en/documents-en) • Authored the EduWeb students' guide (http://eduweb-project.eu/index.php/en/eduweb-en/documents-en) • Designed and published the EduWeb character Webbie in differnet forms and postures. Webbie is used in educational and promotional material (http://eduweb-project.eu/index.php/en/eduweb-en/documents-en) **LA**: The CPI described the needs for the elearning platform as asked and gave also through O1 some more specifications CPI also authored Authored under this Output the following • Output O3A2: Educational material (http://eduweb-project.eu/index.php/en/eduweb-en/documents-en)

	• Co-Authored the EduWeb students' guide (http://eduweb-project.eu/index.php/en/eduweb-en/documents-en) • Contributed on the design of the EduWeb character Webbie in differnet forms and postures. Webbie is used in educational and promotional material (http://eduweb-project.eu/index.php/en/eduweb-en/documents-en)
Start Date (dd-mm-yyyy)	01-02-2017
End Date (dd-mm-yyyy)	01-09-2017
Available Languages	
Available Medias	
Leading Organisation	BU
Participating Organisations	CPI

Output Identification	O4
Output title	Implementation of web portal and e-learning environment

Description of the intellectual output (Please provide detailed information about the nature of the output and its significant contribution in terms of innovation, impact and transferability. In case there is a difference between what was planned and what was implemented, please explain why)	**CTI:**
	
	• Writing of the O4A1 report, which described the specification of the portal/e-learning environment. More specifically, this report produced an analysis of the software specifications and the hardware components required, as well as the limitations and prospects of the portal and e-learning environment that would be used. In this report, specific software tools were analyzed and proposed, so that to estimate whether they meet the specific requirements, specified on deliverables O2A1 and O2A2, their prospects and their limitations, considering the priority given to different requirements.
	
	• Implementing the O4A2 task, which is the design and development of the main multilingual web portal of the project. This implementation included a series of tasks, such as:
	
	    o Graphics design of the layout of the front page and the internal pages. This included image and graphics editing, the various mock ups and the wireframes of the pages and their elements, showing the different proposed color variations and element styles.
	    o Design of the internal graphical interface elements of the pages.
	    o Preparation of the web and database server for hosting the main portal. This included a series of tasks, such as the creation of the virtual machine, the installation and the configuration of the operating system and the prerequisites

- o Creation and configuration of the backup mechanism for the server and the portal.
- o Registration of the main domain for the project portal.
- o Installation of the software into the web server, which would be used for the implementation of the portal.
- o Configuration of this software and installation of its extensions, so that the final product would meet the project requirements.
- o Implementation of the proposed graphics design into coded form (CSS), so that it can be installed into the portal and change its default appearance to match the wireframes.
- o Embedding of the initial content of the project into the portal, in all languages. This included, embedding of informative texts, banners, extensions (such as the accessibility), news, partners' logos, project deliverables etc.
- o Continuous updating of the portal with news, press releases, indicative lessons, multimedia and project documents in all languages, throughout the whole EduWeb project duration.

- Implementing the O4A3 task, which is the design and development of the E-learning environment, that will be used for the on-line training of teachers based on nano-learning concepts. The implementation was based on the outputs of the O2 and O4 reports and it included a series of tasks, such as:

  - o Preparation of the web and database server for hosting the e-learning environment. This included installing additional extensions into the main portal server, for supporting the e-learning environment.
  - o Creation and configuration of the backup mechanism for the e-learning environment.
  - o Installation of the e-learning software, onto which the e-learning environment of the project would be implemented.
  - o Initial configuration of the e-learning software, so that it meets the requirements.
  - o Extensive research on the documentation of the e-learning software, to determine the different ways in which the specifications for the e-learning environment could be implemented, using the procedures of this specific software.
  - o Continuous contact with the Bournemouth University, so as to determine and conclude to the best way in which the specifications for the e-learning environment could be implemented, using the procedures of this specific software. At the same time, effort was given in making the procedures as simple and user-friendly as possible.
  - o Implementation of the first version of the e-learning platform, that conformed to the initial specifications.

Start Date (dd-mm-yyyy)	01-02-2017

End Date (dd-mm-yyyy)	30-09-2018
Available Languages	
Available Medias	
Leading Organisation	CTI
Participating Organisations	BU

Output Identification	O5
Output title	Implementation of trainings
Description of the intellectual output (Please provide detailed information about the nature of the output and its significant contribution in terms of innovation, impact and transferability. In case there is a difference between what was planned and what was implemented, please explain why)	**CTI:** • Helping in the organization of the 1 st multiplier event (EduWeb Open Day), which took place on 28 February 2018. The event had over 100 adults and lots of students. During the event, among other things, theoretical and practical trainings and workshops were implemented. Supportive educational material has been written and uploaded to the website of the project, to help in the training sessions. • Organization of the 2 nd multiplier event which took place on 27-28 April 2018 during the Patras IQ. More than 200 adults participated as well as many students from schoolr in Patras. During this event, we implemented theoretical and practical teacher's trainings and workshops and students became trainers and trained adults on the safe and creative use of the internet. Supportive educational material has been written and uploaded to the website of the project, to help in the training sessions. • Tasks and support actions for the addition of the five schools to the project. This included email support and training on the use of the e-leaning platform and the way the educational material should be embedded to it. • Support and training of the partners and the teachers, throughout the whole project duration, primarily through email and instructions that were uploaded into the main portal of the project. • Additional supportive educational material (quick guides etc.) has been continuously written and uploaded to the website of the project, to help in the training sessions. CTI asked the partners to translate this material to their languages and uploaded any translated texts into the project portal, so as to help in the partners' trainings and workshops. **USRV**: IISES together with USRV formulated the supportive educational material for training sessions of a) educators and b) students and uploaded these materials on the EduWeb project platform. Every course has a section for the trainer and a final test for self-evaluation. Below the educational materials designed, uploaded and translated in Italian: • Using Skype • Gmail • WHATSAPP • Banca Intesa Sanpaolo (e-banking) • Using YouTube

- Using Amazon as registered user
- Using Amazon
- Google Drive.

The materials have been developed by students with the supervision of the teachers working in the project. 3 teachers and 49 students were involved in the preparation, revision and test of the training material.

114 Students were formed to train adults and others students.

Regarding the implementation of online training and workshop, IISES with the support of USRV organized two main workshops at IISES premises to train teachers: the first one was about the secure use of internet and 66 teachers participated; the second one on the use of the EduWeb platform by involving 133 teachers.

- Two other seminars were held in IISES to train 63 and 77 students about EduWeb goals, platform and education materials developed by the Eduwebbers of the school.

PGPP:

PGPP produced and delivered in the Eduweb project platform digital material of training courses regarding training of illiterate adults by students.

Every course consists of three parts: an introduction section with basic information and goals of the course, the main training course body consisting of specially formulated asks and finally an evaluation section.

The courses developed by the 56 participated students of the PGPP with the support and supervision of the 11 teachers of PGPP working on this project are grouped in 4 categories:

- Communication apps:

WHATSAPP COURSE, VIBER, E-MAIL, messenger

- Shopping – booking services: trivago, on-line shopping, on-line payments, on-line ticket booking
- Technical aspects & e-safety: antivirus safety, computer maintenance
- Information: digital press and libraries

IISES:

IISES produced and delivered in the EduWeb project platform this material for tarining the teachers, the students and the illeterate adults. Every course has a section for the trainer and a final test for self-evaluation.

Utilizzare Skype

Posta elettronica (Gmail)

WHATSAPP

Banca Intesa Sanpaolo (e-banking)

Usare you tube

Usare Amazon come utente registrato

Uso di Amazon

Google Drive

The material has been developed by students with the supervision of the teachers working in the project. 3 teachers and 49 students were involved in the preparation, revision and test of the training material.

114 Students were formed to train adults and others students.

	LA:
	CPI implemented the following: • Trained the Students (EduWebersLA) and supported the EduWeb implementation in the School • Hosted the kick off meeting for the implementation period (2017-2018) in Cyprus organised by CPI. Introduced teachers and students in the school into the EduWeb approach. A total of 45 lessons have been developed by Cypriot students until now and uploaded on the EduWeb project portal. • Presented (April 2017) and provided 4 workshops in CPI's yearly final conferences for digital technologies (April 2018) to the rest of the schools on what EduWeb is and how they can get involved (http://www.pi.ac.cy/imeridaTPE2018) • Provided the EduWeb Promo Video • Provided training to adults (Family members, School staff and personnel, municipality personnel) AAP: Training sessions held after school and a multiplier event at BU in June 2017 and June 2018. Sessions for students to learn how to teach adults took place during holiday sessions and weekends.
Start Date (dd-mm-yyyy)	01-09-2017
End Date (dd-mm-yyyy)	30-06-2018
Available Languages	
Available Medias	
Leading Organisation	CTI
Participating Organisations	ALL PARTNERS

Output Identification	O6
Output title	Dissemination and exploitation activities
Description of the intellectual output (Please provide detailed information about the nature of the output and its significant contribution in terms of innovation, impact and transferability. In case there is a difference between what was planned and what was implemented, please explain why)	**CTI:** CTI uploaded on the website of the project, any information and material that was asked by the leader and the partners (in the relevant languages), related to the activities of the output. We also disseminated the project results and news through the Greek School Network (GSN) and eTwinning channels in collaboration with PDEDE. USRV: 06-A1: Competitions The competitions organized and implemented by USRV and IISES had two main objectives: a) to promote EduWeb project to schools b) to produce some very interesting materials for all the Italian schools. The electronic register, called Classe Viva - Spaggiari Web, used by many schools in Italy was therefore chosen as the topic of the competition. In addition to the students of the IISES, 2 other upper secondary schools in Veneto region were involved: I.I.S. "Vittorio Veneto" Città della Vittoria (with the support of Prof. AVRUSCI MASSIMILIANO) and ITT EUGENIO BARSANTI of

Castelfranco Veneto (with the support of Prof.ssa Tostello Elisa and Prof. Ferrato Harsen).

The teachers were trained on the EduWeb project by using the materials uploaded on the EduWeb platform. The teachers then trained the students on the EduWeb methodology.

Each school was asked to develop 3 topics related to the register and then the headmaster had to select the best work for each topic proposed to the school. After the delivery of the materials, the managers designated by USRV and IISES selected the best one for each school. The three winners of the competition, accompanied by a teacher, were invited at the final multiplier event held in Venice on September, 21 2018. During the event the three winning students received one IPAD as a reward for their work.

The material produced will be included in the EduWeb project website and made available to all the interested schools.
After appropriate adjustments the materials produced will also be submitted to the producers of the electronic register (Gruppo Spaggiari Parma) for a disclosure to all Italian schools using their software.

06-A2: Dissemination activities
USRV carried out different dissemination activities as described in the dissemination report sent.

06-A3: Exploitation activities
USRV was responsible for the draft of the exploitation plan that was presented and approved by partner during the final transnational meeting.

PGPP:
The output has a significant contribution in terms of innovation, impact and transferability.
During the project we have organized several informative meetings in our school in cooperation with PDE:
informative meeting for teachers of PGPP at the beginning of the project
informative meeting for parents at the beginning of the project, that took place in PGPP with the participation of over 150 parents
informative meeting for all the 180 students of PGPP at the beginning of the project
1st multiplier event in PGPP: dissemination of the project, theatrical action about e-safety, training of 100+ adults (student' relatives and teachers)
2nd multiplier event in Patras IQ: dissemination of the project, , training of more than 200 adults (of the local community of Patras)
Dissemination of the project to the local community of Patras through radio bradcast during the presentation of the PGPP annual projects
Presentation of the project in the 5th etwinning conference available at http://www.etwinning.gr/images/conf2017/ProceedingsTwinning2017.pdf
Presentation of the project in the PLPP conference available at https://drive.google.com/file/d/0B7RIadG_F2KPTkI3allYOUh5amc/view

IISES:
IISES two main workshop were set up in EinaudiScarpa to train teacher, the first about the secure use of internet with 66 teachers, the second one about

	the use of the EduWeb platform with 133 teachers.
	Two other seminar were held in EinaudiScarpa to train 63 and 77 students about EduWeb goal, platform and education material developed by the eduwebbers of the school,
	The competition was conceived by USRV and IISES with a twofold objective: to make EduWeb known to schools both to produce some very interesting material for all Italian schools.
	The electronic register, called Classe Viva - Spaggiari Web, used by many schools in Italy was therefore chosen as the topic of the competition.
	In addition to the students of the IIS Einaudi Scarpa of Montebelluna, 2 other institutions of the Veneto region were involved: I.I.S. "Vittorio Veneto" Città della Vittoria (Head of prof. AVRUSCI MASSIMILIANO) and ITT EUGENIO BARSANTI of Castelfranco Veneto (Head of prof. Tostello Elisa and Ferrato Harsen).
	The teachers were trained on the EduWeb project both during some meetings and through the material present in the EduWeb platform. The teachers then treined the students on the EduWeb methodology.
	Each school was asked to develop 3 topics related to the registry and to select, at the sole discretion of the manager, the best work for each topic proposed to the school.
	After the delivery of the materials, the managers designated by the USRV and IISES selected the best one for each school. The three winners of the competition, accompanied by a teacher, were invited to Venice during the multiplier event to collect an IPAD as a reward for their work and to give lessons to the elderly using the EduWeb platform material.
	The material produced will be included in the EduWeb project website and made available to all the interested schools.
	After appropriate arrangements the material produced will also be submitted to the producers of the electronic register (GruppoSpaggiariParma) for a disclosure to all schools in Italy using their software.
	It is believed that this type of competition can give ample resonance to the project because of the type of material produced and the possibility of continuing to use and publicize this material even after the end of the EduWeb project. **LA:** • Trained the Students (EduWebersLA) and supported the EduWeb implementation in School • Provided training to adults (Family members, School staff and personnel, municipality personnel) • Provided training for students and teachers in 1rst kick off meeting of schools (Sept 2017) and in CPI's yearly final conferences for digital technologies (April 2018) to the rest of the schools on how to develop and implement training material
Start Date (dd-mm-yyyy)	01-10-2017
End Date (dd-mm-yyyy)	30-09-2018
Available Languages	
Available Medias	
Leading Organisation	PDEDE
Participating Organisations	ALL PARTNERS

4 Follow-up

4.1 *Impact*

What has been the project's impact so far on the participants, participating organisations, target groups and other relevant stakeholders?

CTI:

As far as concern the impact on CTI, due to the fact that CTI is a technology organization, there was not direct benefit from us related to the educational material content. However, a major benefit for us, was the new concepts of cyber-education and nano-elearning introduced by BU, as well as the extended experience that we gained in the creation of specific concept e-learning environments (the eduweb e-learning platform) by using and configuring appropriately a more generalized e-learning platform software. A benefit for our organization was also the meeting of new partners, the collaboration with them and the project organization experience we gained throughout the timeline of eduweb.

BU:

For BU, the project promoted both the social responsibility and its curriculum capacity in the area of computing. BU's participation in the requirements, analysis and implementation of the platform, contributed to developing its knowhow and expertise in elearning for a wider audience. The development of educational material strengthened the relationship between an academic (Computing and Informatics) and a non-academic department (IT Services), but also promoted the university's brand to the local community, through the guest presentations to secondary schools (e.g. as part of Safe Internet Day) as well as the involvement of local schools during the Multiplier event (e.g. Winton and Glenmoor Colleges).

USRV:

We believe that the project impact was very positive on participants and target groups, especially students who were involved in the design of the educational materials and became active educators and trainers for teachers and adult people. They had the opportunity to reflect on the learning process and acquire new competences to improve their self-confidence and relate with adult people.

Also teachers had the opportunity to know innovative educational materials and support the students in this path.

CPI:

Participating Schools, with teachers and students not only were actively involved in the project but also more schools were trained by them to implement more workshops.

The CPI hosted all the EduWeb schools and EduWebbers in the yearly final conference for digital technologies (April 2017 and April 2018) to demonstrate their work, while the LA EduWebbers were supported to give a workshop to the rest of the schools on what EduWeb is and how they can get involved (http://www.pi.ac.cy/imeridaTPE2018)

The school community was involved as well accepting the students' trainings

The programme was and still is supported by the Young coaches of the internet a yearly programme that runs since 2013 (https://youngcoaches.pi.ac.cy)

PGPP:

the project had a great impact so far on all the participants, and target groups

During the inner evaluation process that took place in PGPP students supported that: they became more familiar to digital applications, they came closer to their relatives and their relationships with them became stronger, they learned through this procedure new applications, safety matters, new tools etc) and in a cooperative way.

Student desire to continue this project, to create new training material, to educate other students how to

Students relatives enjoyed this project and declare that they expect to participate in new course

IISES:

IISES The EduWeb project has helped the school and the students to get in touch with the local organizations for the education of the elderly. The students who participated in the creation of materials and who trained the elderly had the opportunity to reflect on the process of learning and teaching and have improved their self-esteem and their method of study.

LA:

Participating teachers and students were actively involved in the project, enhanced their digital, instructional and thinking skills, they actively participated in all actions involved.

They promoted both, in school and wider community, the aims of the project towards a safer and creative web, contributing to adults' digital literacy.

AAP:

One of the main impacts has been the confidence this project has given to the children. This is because they have had to lead and learn independently. The students selected were selected due to natural talent in the subject, but also because I wanted to show them if they grow their communication skills they could share their knowledge with others. This was a big step for them, and in fact has pushed them out their comfort zone to do something new, but in a subject they love.

4.2 Dissemination and Use of Projects' Results

In case already applicable, to whom did you disseminate the project results inside and outside your partnership so far? Please define in particular your targeted audience(s) at local/regional/national/EU level/international and explain your choices.

CTI:

CTI disseminated the project results and news whenever needed, through the Greek School Network (GSN) and eTwinning channels in collaboration with PDEDE.

BU:

In preparation to the 3rd Multiplier event at Bournemouth University, the project was linked with the **Assisted Living Technologies Symposium**, carried out at the same venue. During the Symposium, the EduWeb concept, deliverables were presented to an audience of scientific experts who commended on the quality and novel approaches. Moreover, the 3rd Multiplier event was part of the wider BU **Festival of Learning**, that attracted thousands of visitors. Combined with the "Ageing well: innovations for greater health and wellbeing" event led by BU's **Ageing and Dementia Research Centre**, a whole day was dedicated to offering a unique experience in personal development, education, well-being and inclusivity. As such, Eduweb was disseminated to additional than what was originally intended audiences (scientists and researchers, aged population who were not relatives to the pupils producing the material or leading the trainings). In addition, the Eduweb featured as a final year project in the Department of Computing and Informatics, where the underlying academic aspects where studied in depth, and an artifact was produced and included in the e-learning platform.

USRV:

USRV disseminated project results mainly outside the partnerships by addressing Veneto schools and other organisations at national and European level. In particular, we have presented project results and materials developed in national seminars, as for example the Job&Orienta exhibition on education and training, as well as during the transnational meeting of other Erasmus + projects by involving different type of

organisations.

Furthermore, we will upload final materials on our institutional website so that users can find them also after project conclusion.

CPI:

- Disseminated the EduWeb project in 2 conferences
  - 5ο Πανελλήνιο Εκπαιδευτικό Συνέδριο Κεντρικής Μακεδονίας «Αξιοποίηση των Τ.Π.Ε. στη Διδακτική Πράξη», 26, 27 & 28 Απριλίου 2018, Θεσσαλονίκη, Ελλάδα (https://5syn-thess2018.ekped.gr/praktika2018/d-062-078-090.pdf) – paper presentation
  - Digital Education Expert Conference (Austrian Presidency of the Council of the European Union) με θέμα "Digital Strategies for School Education: Barriers, Enablers and Success Factors", 8 – 9 October 2018, Eisenstadt, Austria – group discussion and leaflets dissemination

Ministry of Youth and Sports:

The Bulgarian Partner managed to promote the EduWeb website in as many other websites. The EduWeb project was firstly linked to the ministry' website: http://eduweb-project.eu/index.php/bg/

Secondly, we linked information concerning the involvement of the ministry in the implementation process of the project into the National youth information network, reaching the most important organizations dealing in the youth sector, thus giving 25 Bulgarian youth organizations the opportunity to acknowledge the EduWeb project and disseminate it locally.

http://nism.bg/bg//articles/view/1363.proekt-borba-s-digitalnoto-izklyuchvane-deca-obuchavat-digitalno-negramotni-vazrastni-na-bezopasno-i-kreativno-internet-sarfirane-eduweb.html

EduWeb was also acknowledged by the Ministry of Youth and Sports school network.

The following schools were determined to participate in the project and actively took place in the project implementation process:

Sports School "Georgi Benkovski" - Varna; Sports School "St. Atanas Uzunov" - Rousse; Sports School "Yuri Gagarin" - Bourgas; Sports School "Vasil Levski" - Plovdiv; Sports School "Dimitar Rohov" - Sliven; Sports School "St. Kliment Ohridski "- Vratsa; 166 School "Vasil Levski" - Sofia. Practically, all the Sports Schools under the hat of the Ministry of Youth and Sports were included to the EduWeb project plus one randomly chosen school - 166 School "Vasil Levski" – Sofia.

Practically, EduWeb was disseminated across the biggest cities in Bulgaria. As a strong policy maker in the field of youth and sports, the Ministry of Youth and Sports can have an influence only over the Bulgarian sports schools.

PGPP:

We disseminated the project results inside and outside our partnership in targeted audience(s) at local/regional/national level: through the EduWeb platform in national and international level, through the 2 multiplier events that were open to parents, relatives, teachers and the local community, through the cooperation with teachers and students from other schools of our town, our country and other countries participating in the Eduweb project.

IISES:

IISES All the material produced will be usable by all schools. It is believed that the one concerning the Spaggiari Electronic Register produced during the competition that involved 3 high schools in the Veneto region will be a good vehicle for EduWeb promotion in schools as it can be used to train parents who are not able to access functionality of the electronic register.

The relationships created with the structures of the territory that deal with education for the elderly will be maintained and increased even after the end of the project, for example, courses have already been planned for access to the "Electronic withdrawal of medical reports".

LA:
- Press releases in local media, in Sept 2016, Sept2017, Feb2018, Apr2018, Sept2018
- Presentation of the Program to School Parents' Association, School's Teacher Association (Nov 2017)
- Presentation by Students on Cyprus TV media organised by CPI during the SID week (Feb2018)
- Participated and provided workgroups on how to implement EduWeb's to students to CPI's yearly final conference for digital technologies (April 2017 and April 2018)

AAP:

BU held a festival of learning and the project was disseminated at that. Target audience being parents, visitors, and grandparents of the students and peers their age. Local people in the community were targetted.