

# Report of activity

1st 4D-Project Multiplier Event

Determinants to introduce Mobile Technology  
in practice placement higher education.



Digitalization in  
learning practice  
placement



Co-funded by  
the European Union





Title: Report of activity 1st 4D-Project Multiplier Event Determinants to introduce Mobile Technology in practice placement higher education. March 15, 2023 Medical University of Lublin, Poland.

Report authored by: Marta Szara, Edyta Religa-Szuraj, Magdalena Dziurka, Justyna Krysa, Agnieszka Chrzan-Rodak, Michał Machul, Jadwiga Klukow, Patrycja Ozdoba, Agata Byczyńska, Beata Dobrowolska.

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This report was created by the 4D project.



4D project is an EC-funded project (February 2022 to February 2025) to introduce mobile technology in practice placements, creating a bridge between the different actors involved learning contexts to foster the best experience in practice-based learning in healthcare settings. Our multidisciplinary team uses qualitative, quantitative and designs methods in order to help European Universities that are interested in introducing mobile applications in practice placements to design the best mobile app proposals based on the different actors involved (students, clinical and academic tutors, managers, and others) from different contexts (universities and centers of practices).

Find out more: <https://4d.tecnocampus.cat/>



The research leading to these results has received funding from Programme Erasmus+ Action Type KA220-HED - Cooperation partnerships in higher education Call 2021 Round 1. Context: Field Higher Education.

## **Title of the Project: 4D in the Digitalisation of Learning in Practice Placement**

**Programme Erasmus+ Action Type KA220-HED – Cooperation partnerships in higher education Call 2021 Round 1. Context: Field Higher Education.**

**Project Start Date:** 28-02-2022 **Project End Date:** 27-02-2025.

**National Agency of the Applicant Organisation:** ES01 - Servicio Español para la Internacionalización de la Educación (SEPIE).

## **Title of the document: Report of activity 1st 4D-Project Multiplier Event “Determinants to introduce Mobile Technology in practice placement higher education” March 15, 2023 Medical University of Lublin, Poland.**

**Authors:** Marta Szara, Edyta Religa-Szuraj, Magdalena Dziurka, Justyna Krysa, Agnieszka Chrzan-Rodak, Michał Machul, Jadwiga Klukow, Patrycja Ozdoba, Agata Byczyńska, Beata Dobrowolska, and the 4D Project Consortium.

Carlos Martínez-Gaitero, Esther Cabrera, Carles Garcia, Carolina Gallardo, Anna Gabriel, Marta Carceller, Cristina Casanovas, Daniel Moreno, Sandra Fernández, Ariadna Huertas Zurriaga, Angela Fessel, Sebastian Dennerlein, Gilbert Pepper, Raymond Elferink, Stephanie Herbstreit, Cynthia Szalai and Daniela Mäker, Cristina Casanovas, Daniel Moreno, Ariadna Huertas Zurriaga.

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<sup>4</sup> Graz University of Technology. Institute of Interactive Systems and Data Science. Inffeldgasse 13/6, 8010 Graz, Austria.

<sup>5</sup> Know-Center GmbH. Inffeldgasse 13/6, 8010 Graz, Austria.

<sup>6</sup> Germans Trias i Pujol Research Institute. Hospital Germans Trias i Pujol. Institut Català de la Salut. Carretera de Canyet, s/n. 08916 Badalona, Spain.

<sup>7</sup> Medical Faculty of the University of Duisburg-Essen. Hufelandstr, 55. 45147 Essen, Germany.

<sup>8</sup> Kubify BV - Learning Toolbox (LTB). Tiendstraat 41. 3513 EA Utrecht, The Netherlands.

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*The learning process in clinical placements involves several actors such as tutors, supervisors, teachers and students and during this complex process, tasks and mentorships must be done in a way that is synchronized with educational and clinical processes and embedded in the respective contexts.*



## 1. Acknowledgments

As the host, the Medical University of Lublin appreciates the opportunity that this conference provided to all participants involved and participating in the event.

As the hosts of the event, we would like to thank you for the support received from the partners of 4D-Project during the implementation of the event. We would also like to thank academic institutions, hospital managements, representatives of self-government bodies of medical professions, academic and clinical teachers, tutors, medical workers for their dedication and presence.

The conference was made possible thanks to the generous financial support provided by the European Commission Program Erasmus+ Action Type KA220-HED - Cooperation partnerships in higher education Call 2021 Round 1. Context: Field Higher Education.

The organizers also appreciate the contribution of students who helped in the implementation of project tasks and participated in the event.

## 2. Introduction

The Multiplier Event was the first conference disseminating the results of the 4D project. The topic of this conference was Determinants to introduce Mobile Technology in practice placement.

The event was held in English, with simultaneous translation into Polish and simultaneous translation from Polish into English.

The event was attended by **102 people** from **8 countries** (Poland, Spain, Germany, Austria, the Netherlands, Slovenia, Bosnia, Ireland). This indicates the importance of the issue related to the introduction of digitization to clinical education in medical professions.

The 1st 4D-Project Multiplier Event brought together EU countries, European students (nursing, midwifery, physiotherapy, medicine), academic and clinical teachers, representatives of organizations: nurses, midwives, physiotherapists and physicians, but also medical universities and health care organizations.

The event showed how important it is to implement digitization in practical education, constituting a bridge between the different actors involved in these learning contexts (university and clinical practice placement) and to foster the best experience in practice-based learning in healthcare settings.

Therefore, the impact of the project is intended to help European Universities that are interested in introducing mobile applications in practice placements to design the best mobile app proposals based on the different actors involved (students, clinical and academic tutors, managers, and others) from different contexts (universities and centers of practices).

The potential longer-term benefits will be related to improving the communication interaction processes in a digital era, reinforcing the bridge between the different actors involved, and fostering new ways of cooperation between these with the use of technology.



More information: <https://api.lt.b.io/show/ABKND>



### 3. Organisation committee

Beata Dobrowolska, the leader of the Polish team of the 4D project supervised the substantive program of the conference cooperating with Esther Cabrera and Carlos Martinez-Gaitero – leaders of the 4D project representing Tecnocampus, Universitat Pompeu Fabra, Spain.

Marta Szara and Edyta Religa-Szuraj were appointed as technical coordinator of the event and operation manager.

The following people were elected as a member of the organization committee:

1. Jadwiga Klukow
2. Justyna Krysa
3. Agata Byczyńska
4. Agnieszka Chrzan-Rodak
5. Magdalena Dziurka
6. Michał Machul
7. Patrycja Ozdoba



*In the medical professions, clinical training is just as important as theoretical education. Clinical education aims to ingrain professional competence in students based on the acquired theoretical knowledge.*



## 4. Proceedings

### Opening session

During the opening session, Beata Dobrowolska, the host and moderator of the event, introduced and welcomed the participants. The conference was honored by the presence of: His Magnificence Rector of the Medical University of Lublin, prof. dr hab. n med. Wojciech Załuska, prof. dr hab. n. med. Kamil Torres, Vice-Rector for Education and Didactics, as well as Dean of the Faculty of Health Sciences - dr hab. n. of health Mariusz Wysokiński, who gave the introduction. Then Beata Dobrowolska officially announced the opening of the conference.

**Session 1.** Two presentations were made during the first session:

#### Keynote Lecture

**1** During the introductory lecture given by Prof. Fiona Timmins (*UCD College of Health Sciences, Dublin, Ireland*) discussed the aspect of digitization in practical education based on reports related to the study of patterns and trends in key nursing journals.

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**2** Then Prof. Esther Cabrera, Dr. Carlos Martínez-Gaitero, Dr. Carles Garcia, *TecnoCampus, Pompeu Fabra University, Mataró, Spain*) presented the main assumptions of 4D-Project in the digitization of practical education.

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**Session 2.** During the second session, five presentations were given along with the presentation of the 4D Learning Toolbox application:

**1** Determinants and recommendations to introduce mobile technology into clinical education – methodological framework presented by Asst. prof. Beata Dobrowolska, *Medical University of Lublin, Poland*.

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**2** Dr. Ariadna Huertas Zurriaga, *Germans Trias and Pujol Research Institute, Barcelona, Spain* explained facilitators, barriers and solutions to introducing mobile technology into clinical education – findings from the literature review.

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**3** In the third speech, Prof. Dr. Stephanie Herbstreit, *MME, University Duisburg-Essen, Germany* discussed about Health care/medical students and stakeholders needs regarding mobile technology utilization in clinical education – findings from the focus groups study.

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**4** Then Dr. Angela Fessel, *Graz Technology University, Graz, Austria* and Dr. Sebastian Dennerlein, *University of Twente, Enschede, The Netherlands* presented aspects regarding Co-creation and co-design of a mobile application for clinical training.

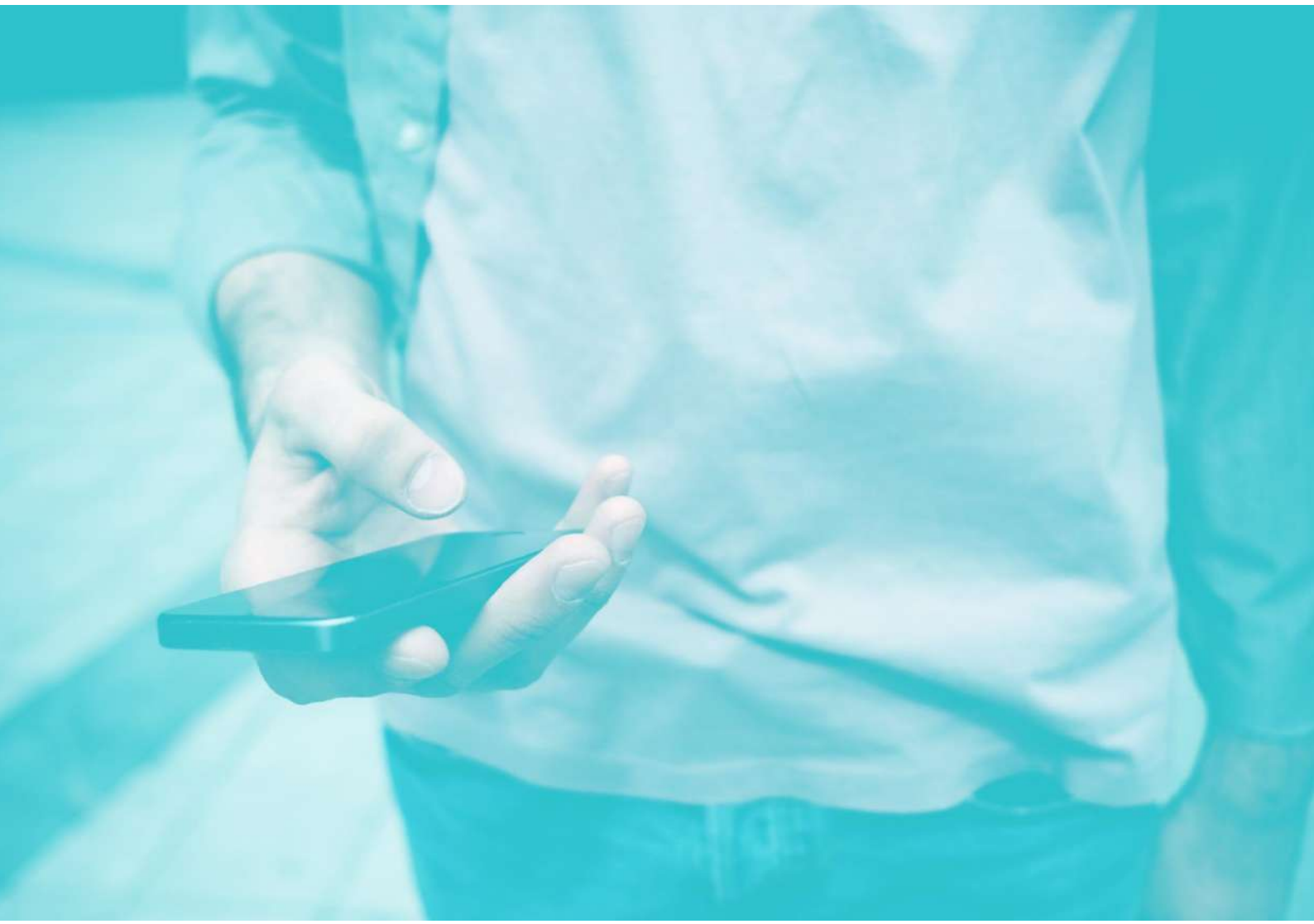
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**5** Finally, Raymond Elferink and Tamsin Treasure-Jones, *Kubify, Netherlands* also showcased the Learning Toolbox (LTB).

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The closing ceremony of the conference concluded with a lunch.

*In the medical professions, clinical training is just as important as theoretical education. Clinical education aims to ingrain professional competence in students based on the acquired theoretical knowledge.*



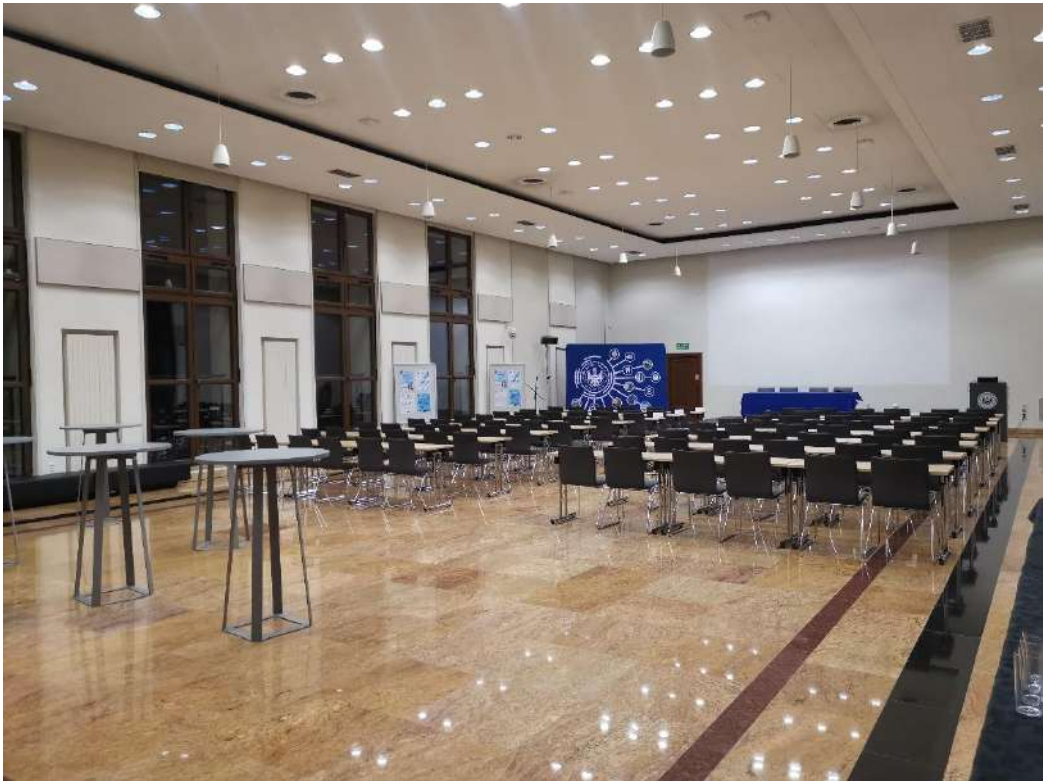
## 5. Location

Collegium Novum (seat of the Rector's Office) of the Medical University of Lublin, located in the center of the city of Lublin. On level 0 there is a large auditorium - Auditorium Maximum, which is used for various events, including conferences, trainings, seminars, workshops, special events, university balls, etc. The place is adapted for people with physical disabilities - equipped with a platform for wheelchairs.



### **Auditorium room**

Auditorium Maximum is located in Collegium Novum. Auditorium Maximum is equipped with the latest technology related to the conference and training industry. It has audiovisual systems, LAN and Wi-Fi support, a central screen. The auditorium is equipped with tables for event participants to facilitate work. The auditorium is such a large room that during the event we placed a translation booth for simultaneous interpretation (English->Polish, Polish->English) and served the setting of the coffee break.



Auditorium Maximum.



Space for a coffee service.



Early coffee 8:30-9:00, coffee break 10:30-11:00 was served.



Space for a translation booth for simultaneous interpretation.



Space for simultaneous interpretation headsets.

## Foyer

The foyer located in front of the Auditorium Maximum is presented as a space with an elegant design, compatible with the interior of the auditorium. In this part, we have located a place for servicing the event office and catering services.



The foyer located in front of the Auditorium Maximum.





Space for event office.



Self-service lunch was served in the foyer 13:00-14:00.


We also placed a screen here, which displayed materials promoting the event and the 4D-project.



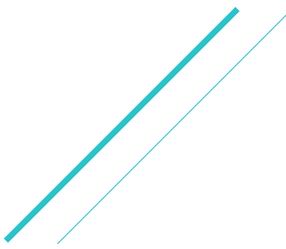
Screen with a film promoting 4D-Project and 1st 4D-Project Multiplier Event.



Screen with a film promoting 4D-Project and 1st 4D-Project Multiplier Event.



*Due to all the challenges that use of mLearning in clinical placements may have and the importance of considering students and stakeholders when designing innovative educational technologies, the aim of conducting focus groups was to investigate the barriers and facilitators of using mobile devices as an educational tool from the perspective of undergraduate health profession students and the main stakeholders involved in professional practical education.*



## 6. Program

The first preliminary agenda drafted was in a word document until we determined the final version. By the given time, we had many different versions before confirming the keynote speakers and titles, we end to a definitive one.



**Digitalization in learning practice placement**

**MEDICAL UNIVERSITY OF LUBLIN**

**Co-funded by the European Union**

### AGENDA

**8.30 Registration of participants/Rejestracja uczestników**

**9.00 Opening and Welcome/Otwarcie konferencji i powitanie uczestników**  
*Asst. prof. Beata Dobrowolska, Medical University of Lublin, Poland*

**9.10 Introduction word/Wprowadzenie**  
*Prof. Wojciech Zaluska, Rector of the Medical University of Lublin, Poland*  
*Prof. Kamil Torres, vice Rector of the Medical University of Lublin, Poland*

**9.30 Keynote Lecture/wykład wprowadzający**  
Digitalisation of Learning in Practice Placement -an Exploration of Patterns & Trends within Key Nursing Journals/Digitalizacja w edukacji praktycznej - badanie wzorców i trendów w kluczowych czasopiśmie pielęgnarskich  
*Prof. Fiona Timmins, UCD College of Health Sciences, Dublin, Ireland*

**10.00 The main assumptions of the 4D in the digitalisation of learning in practice placement- 4D Project/ Główne założenia 4D w dygitalizacji edukacji praktycznej - projekt 4D**  
*Prof. Esther Cabrera, Dr. Carlos Martinez-Gaitero and Dr. Carles Garcia, TechnoCampus, Pompeu Fabra University, Mataró, Spain*

**10.30 Coffee break and networking/Przerwa kawowa**

**11.00 Determinants and recommendations to introduce mobile technology into clinical education – methodological framework/Uwarunkowania i rekomendacje dotyczące wprowadzania technologii mobilnych do edukacji klinicznej – ramy metodologiczne**  
*Asst. prof. Beata Dobrowolska, Medical University of Lublin, Poland*

**11.30 Facilitators, barriers and solutions to introducing mobile technology into clinical education – findings from the literature review/Ułatwienia, bariery i rozwiązania w procesie wprowadzania technologii mobilnych do edukacji klinicznej – wnioski z przeglądu literatury**  
*Dr. Ariadna Huertas Zurriaga, Germans Trias i Pujol Research Institute, Barcelona, Spain (online)*

**12.00 Health care/medical students and stakeholders needs regarding mobile technology utilization in clinical education – findings from the focus groups study/Potrzeby studentów nauk o zdrowiu/medycyny oraz interesariuszy dotyczące wykorzystania technologii mobilnych w edukacji klinicznej – wyniki badania grup fokusowych**  
*Prof. Dr. Stephanie Herbstreit, MME, University Duisburg-Essen, Germany*

**12.30 Co-creation and co-design of a mobile application for clinical training/ Współtworzenie i współprojektowanie aplikacji mobilnej dla edukacji klinicznej**  
*Dr. Angela Fessel, Graz Technology University, Graz, Austria and Dr. Sebastian Dennerlein, University of Twente, Enschede, The Netherlands*

**13.00 Lunch**

**14.00 Presentation of the Learning Toolbox App (LTB)/ Prezentacja aplikacji Learning Toolbox (LTB)**  
*Raymond Elferink, Kubify, The Netherlands*

**14.30 Q & A session/Pytania i odpowiedzi**

**15.00 Closing the conference, satisfaction evaluation and certificates/Zamknięcie konferencji, ewaluacja satysfakcji oraz rozdanie certyfikatów**

We reserve the right to make changes to the program/Zastrzegamy sobie prawo do zmian w programie [See more](#)



The event's agenda in Polish and English versions was posted in the Project Application, printed on the back of participant badges, posted on the event's social media, and placed on posters distributed in the auditorium where the event was held and at the registration desk. Each participant also received the latest version of the agenda in the email confirming registration and participation in the event.



## 7. External & internal services

We carried out part of the tasks on our own (badge design, poster and signage design, design and handling of the event's social media, design and handling of the registration form). Some of the tasks we decided to outsource to external organizations (catering service, preparation of promotional materials for participants, simultaneous interpretation service).

### Budget

The budget for this activity was to fund the expenses of the event. The funding we received for holding the conference was EUR 5500. Costs incurred were related to the hiring and handling of simultaneous translation (*Polish -> English, English -> Polish*); catering services on March 15, conference materials for the participants of the event, a contract for the Keynote Speaker.

The planned cost was 25802.15 PLN (5500 EURO). The final cost was 22239.76 PLN (4740.64 EURO).

4D - Multiplier Event, 15.03.2023, 5500 EUR				* the average annual exchange rate for the period was adopted for conversion 17.01.2022-17.01.2023			4,6913
Under the ME category, it is possible to finance costs directly related to the organization of the event, e.g. equipment rental, catering, conference and training materials (promotional materials - from the project management category), remuneration of speakers, travel and stay of participants.							
No.	Category	Quantity	Planned budget EUR	Planned budget PLN*	Cost incurred in PLN gross	Cost incurred in EUR	Comments
1	Simultaneous interpretation service with necessary equipment	1	1918,44	9000	8487	1809,09	Skrivanek
2	Catering service on March 15	1	1598,70	7500	6410,4	1366,44	"Za kulisami" Restaurant - lunch, coffee break
3	Conference materials	1	959,22	4500	4044,8	862,19	JNS Studio Reklamy
4	Prof. F. Timmins' contract for work	1	724,75	3400	3297,56	702,91	Contract for work
Total planned budget			5201,12	24400	22239,76	4740,64	
			5500	25802,15			
remaining amount (PLN)						3562,39	
remaining amount (EUR)						759,36	

### Event Image

When designing materials for the event, we tried to be compatible with the official Project 4D materials, maintaining their style and colour scheme.

The designed materials appeared on the event's social media we ran: Facebook page, Instagram page, LinkedIn page.

**The letterhead** on which we wrote all official applications and documents related to the event.



## Invitation design

### English version



**Digitalization in learning practice placement**

# INVITATION

## 1<sup>st</sup> 4D-Project Multiplier Event

Conference on the "Determinants to introduce Mobile Technology in practice placement"

- March 15, 2023 9:00-15:00**
- Medical University of Lublin Poland, Lublin Al. Radzawickie 1**
- send the [registration form](#) by February 28, 2023
- simultaneous translation English-Polish, Polish-English
- free admission
- certificate of participation
- limited number of places

The 4D project aims to **introduce mobile technologies into practice**, creating a bridge between the various actors involved in learning contexts to support the best experience in practice-based learning in healthcare settings.

The project primarily focuses on:

- to identify key factors and elements to bring mobile technology into practice,
- to design a mobile learning application that reflects the users' core values and needs,
- to support the digitization of participating institutions through the organization of workshops and training courses,
- to pilot and evaluating the use of mobile learning in apprenticeships and disseminating and supporting the digitization of practical training at universities in the European Union.

Should you have any questions or concerns, please do not hesitate to contact us.

Logos: TechnoCampus, Medical University of Lublin, IGTP, Kubify, TU Lublin, UNIVERSITY OF SWEDEN, WUW

Contact: [event4d@um.lublin.pl](mailto:event4d@um.lublin.pl), <https://4d.technocampus.eu/>

### Polish version



**Digitalization in learning practice placement**

# ZAPROSZENIE

## 1<sup>st</sup> 4D-Project Multiplier Event

I Konferencja upowszechniająca wyniki projektu 4D pt. "Uwarunkowania wprowadzenia technologii mobilnych do edukacji praktycznej"

- 15 marca 2023 9:00-15:00**
- Uniwersytet Medyczny w Lublinie Polka, Lublin Al. Radzawickie 1**
- rejestracja uczestników do 28 lutego 2023
- tłumaczenie symultaniczne Angielski-Polski, Polski-Angielski
- wstęp wolny
- certyfiat uczestnictwa
- liczba miejsc ograniczona

Projekt 4D ma na celu wprowadzenie technologii mobilnych do praktyki, tworząc pomost pomiędzy różnymi podmiotami zaangażowanymi w konteksty uczenia się, aby wspierać najlepiej doświadczoną w uczeniu się opartą na praktyce w środowiskach opieki zdrowotnej.

Projekt koncentruje się przede wszystkim na:

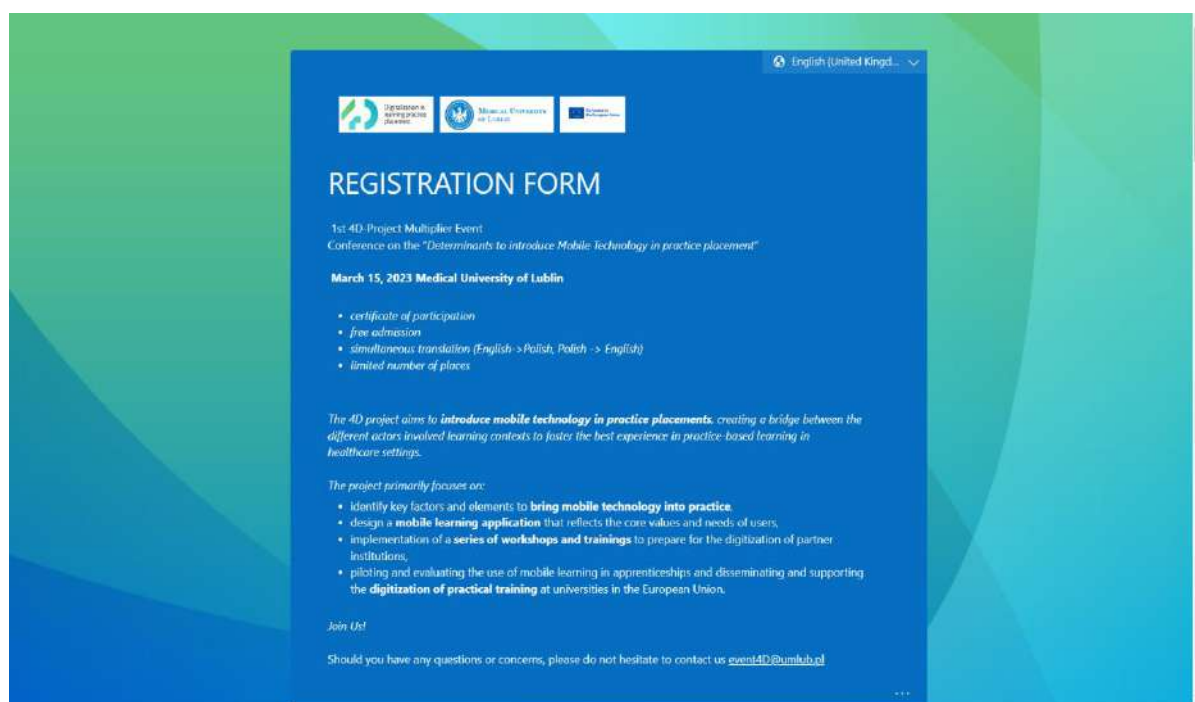
- określeniu kluczowych czynników i elementów w celu wprowadzenia technologii mobilnej do praktyki,
- zaprojektowaniu mobilnej aplikacji, aby nauki otwierającej podstawowe wartości i potrzeby użytkowników,
- wspieraniu cyfryzacji instytucji uczestniczących w projekcie poprzez organizację warsztatów i szkoleń,
- pilotażu i ocenie wykorzystania mobilnego uczenia się podczas praktyk zawodowych oraz rozpowszechnianiu i wspieraniu digitalizacji kształcenia praktycznego na uczelniach wyższych w Unii Europejskiej.

W razie jakichkolwiek pytań lub wątpliwości prosimy o kontakt z nami.

Logos: TechnoCampus, Medical University of Lublin, IGTP, Kubify, TU Lublin, UNIVERSITY OF SWEDEN, WUW

Contact: [event4d@um.lublin.pl](mailto:event4d@um.lublin.pl), <https://4d.technocampus.eu/>

## Online registration form



English (United Kingdom)

**REGISTRATION FORM**

1<sup>st</sup> 4D-Project Multiplier Event  
 Conference on the "Determinants to introduce Mobile Technology in practice placement"

**March 15, 2023 Medical University of Lublin**

- certificate of participation
- free admission
- simultaneous translation (English -> Polish, Polish -> English)
- limited number of places

The 4D project aims to **introduce mobile technology in practice placements**, creating a bridge between the different actors involved learning contexts to foster the best experience in practice-based learning in healthcare settings.

The project primarily focuses on:

- identify key factors and elements to **bring mobile technology into practice**,
- design a **mobile learning application** that reflects the core values and needs of users,
- implementation of a **series of workshops and trainings** to prepare for the digitization of partner institutions,
- piloting and evaluating the use of mobile learning in apprenticeships and disseminating and supporting the **digitization of practical training** at universities in the European Union.

Join Us!

Should you have any questions or concerns, please do not hesitate to contact us [event4d@um.lublin.pl](mailto:event4d@um.lublin.pl)

\* Required

### PERSONAL DATA

1  
First name \*

Enter your answer

2  
Last name \*

Enter your answer

3  
Phone number (with area code) \*

The value must be a number

4  
E-mail address \*

Enter your answer

5  
Organization name \*

Enter your answer

6  
Street address \*

Enter your answer

7  
City \*

Enter your answer



8  
State / Province \*

Enter your answer

9  
Postal / Zip Code \*

Enter your answer

10  
Country \*

Enter your answer

11  
Position \*

Enter your answer

12  
Job profile, ex: *nurse, physiotherapist, doctor, etc.* \*

Enter your answer

13

- I consent to the processing of personal data
- I consent to the photo and the video recording of my image and its indefinite use in 4D-Project publications in paper and electronic versions as well as on the 4D-Project website and portals.
- I declare that I have read the information clause on the processing of my personal data

yes

**Submit**

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## Paper registration form

**1<sup>st</sup> 4D-Project Multiplier Event**  
Conference on the "Determinants to introduce Mobile Technology in practice placement"  
March 15, 2023 Medical University of Lublin

### REGISTRATION FORM

**PERSONAL DATA**  
**FULL NAME**

First name: \_\_\_\_\_ Last name: \_\_\_\_\_

**PHONE NUMBER**      **E-MAIL**

Area Code: \_\_\_\_\_ number: \_\_\_\_\_ e-mail: \_\_\_\_\_

**ORGANIZATION**

Organization name: \_\_\_\_\_

Street address: \_\_\_\_\_

Street address line 2: \_\_\_\_\_

City: \_\_\_\_\_ State / Province: \_\_\_\_\_

Postal / Zip Code: \_\_\_\_\_ Country: \_\_\_\_\_

Position: \_\_\_\_\_ (job profile: cr. nurse physiotherapist doctor)

I consent to the processing of my personal data collected in the registration form for the purpose necessary for the 1st 4D-Project Multiplier Event. I consent to the storage and the future availability of my image and/or audio files on the 4D-Project publications of paper and electronic materials with an online 4D-Project web for all projects.  
I Authorize the University for the processing of the information above in the processing of my personal data.

Contact: [www@poczta.um.lublin.pl](mailto:www@poczta.um.lublin.pl) | <http://id.medicinapolska.pl/>

QR codes and social media links: Facebook, YouTube, Instagram, LinkedIn, Twitter, etc.

## Program

**AGENDA**

**8:30 Registration of participants** / Rejestracja uczestników

**9:00 Opening and Welcome!** / Oficjalne powitanie i powitanie uczestników  
Asst. prof. Beata Dubowolska, Medical University of Lublin, Poland

**9:30 Introduction word** / Wprowadzenie  
Prof. Wojciech Zaleski, Rector of the Medical University of Lublin, Poland  
Prof. Kamil Tomasz, Vice Rector of the Medical University of Lublin, Poland

**9:30 Keynote: Evidence-based research on Digitalisation of Learning in Practice Placement on Exploration of Patterns & Trends within the Nursing Journals** / Digitalizacja w edukacji praktycznej – badanie naukowe i metody w edukacji klinicznej  
Prof. Anne Finnsson, HEC College of Health Sciences, Dublin, Ireland

**10:00 The main assumptions of the 4D in the digitalisation of learning in practice / Założenia 4D-Project**  
Eduardo Martínez, 4D w dydaktyce edukacji praktycznej  
Prof. Esther Calero, Dr. Carlos Martínez-Gaitero and Dr. Carlos Garcia, Universidad, Zaragoza, Spain

**10:30 Coffee break and networking** / Czas kaw

**11:00 Determinants and recommendations to introduce mobile technology into clinical education – methodological framework** / Determinanty i rekomendacje do wprowadzenia technologii mobilnych w edukacji klinicznej – ramy metodologiczne  
Asst. prof. Beata Dubowolska, Medical University of Lublin, Poland

**11:30 Facilitators, barriers and solutions to introducing mobile technology into clinical education – findings from the literature review** / Wyzwania, bariery i rozwiązania w wprowadzeniu technologii mobilnych w edukacji klinicznej – wnioski z przeglądu literatury  
Dr. Ariadna Huertas Zaragoza, General Luis 1 Paper Research Institute, Barcelona, Spain (online)

**12:00 Health care medical students and their needs regarding mobile technology utilization in clinical education – findings from the focus groups study** / Wzrost potrzeb medycznych studentów i ich potrzeby dotyczące wykorzystania technologii mobilnych w edukacji klinicznej – wyniki badania grup fokusowych  
Prof. Dr. Stephanie Hirsbrich, MBE, University Duisburg-Essen, Germany

**12:30 Co-creation and co-design of a mobile application for clinical training** / Współtworzenie i współprojektowanie aplikacji mobilnej do szkolenia klinicznego  
Dr. Angèle Fesl, Coop Technology University, GRC, Austria and Dr. Sebastian Demczak, University of Twente, Enschede, The Netherlands

**13:00 Lunch**

**14:00 Presentation of the Learning English App (LEA)** / Prezentacja aplikacji Learning English App (LEA)  
Raymond Elfrink, Krijg, The Netherlands

**14:30 Q & A session** / Sesja pytań i odpowiedzi

**15:00 Closing the conference, certificate presentation and certificates** / Zamknięcie konferencji, wręczenie dyplomów i dyplomów

We reserve the right to make changes to the program's sequence or the venue at any time. [Read more](#)

QR code

English & Polish version

## Material



A bag with the logo of the Medical University of Lublin, the 4D Project and the European Union.

A notepad with the logo of the Medical University of Lublin, the 4D Project and the European Union, along with a magnetic part allowing to attach a pen with the EU logo.



A pencil with the EU logo,



A notebook with the logo of the European Union, including stickers index tabs and sticker sheets for notes.



### Lanyards



Three types of badges were also designed: blue for event participants, green for speakers and red for organizers. QR codes for the Project Application and the event's social media were placed on each badge.



1<sup>st</sup> 4D-Project Multiplier Event  
Conference on the "Determinants to introduce Mobile  
Technology in practice placement"

ANNA KOWALSKA

PARTICIPANT

March 15, 2023 Medical University of Lublin



1<sup>st</sup> 4D-Project Multiplier Event  
Conference on the "Determinants to introduce Mobile  
Technology in practice placement"

ANNA KOWALSKA

SPEAKER

March 15, 2023 Medical University of Lublin



1<sup>st</sup> 4D-Project Multiplier Event  
Conference on the "Determinants to introduce Mobile  
Technology in practice placement"

ANNA KOWALSKA

ORGANIZER

March 15, 2023 Medical University of Lublin



On the back of each badge, the Event Agenda was printed along with QR codes for the evaluation survey.



Posters

Posters were placed in the auditorium and on the campus where the 1st Multiplier Event was held.





Booklet with practical information about the 4D project, event and application in English and Polish version

As part of our promotional materials, we included a brochure with practical information for each event participant.



Posters with practical information about the 4D Project and applications.

As part of our promotional materials, we included a poster with practical information for each event participant.



## 1<sup>st</sup> 4D-Project Multiplier Event I Konferencja upowszechniająca wyniki projektu 4D

### Determinants to introduce Mobile Technology in practice placement Uwarankowania wprowadzenia technologii mobilnych do edukacji praktycznej

March 15, 2023 Medical University of Lublin, Poland

FREE ADMISSION/WSTĘP WOLNY



**AGENDA**

5.30 Registration of participants/Rejestracja uczestników

9.00 Opening and Welcome/Umowa konferencji i powitanie uczestników  
Asst. prof. Beata Dobrowolska, Medical University of Lublin, Poland

9.10 Introduction word/Wprowadzenie  
Prof. Wojciech Zabłocki, Rector of the Medical University of Lublin, Poland  
Prof. Konrad Torres, vice Rector of the Medical University of Lublin, Poland

9.30 Keynote Lecture/wykład wprowadzający  
Prof. Fiona Timmins, UCD College of Health Sciences, Dublin, Ireland

10.00 The main assumptions of the 4D in the digitalization of learning in practice placement - 4D Project/  
Główne założenia 4D w digitalizacji edukacji praktycznej - projekt 4D  
Prof. Esther Cabrera, Dr. Carlos Martinez-Gaitero and Dr. Carlos Garcia, Tecnológico de Monterrey, Mexico  
Prof. Esther Cabrera, Dr. Carlos Martinez-Gaitero and Dr. Carlos Garcia, Tecnológico de Monterrey, Mexico

10.30 Coffee break and networking/Pierwsza kawa

11.00 Determinants and recommendations to introduce mobile technology into clinical education –  
methodological framework/Uwarankowania i rekomendacje wprowadzenia technologii mobilnych  
do edukacji klinicznej – ramy metodologiczne  
Asst. prof. Beata Dobrowolska, Medical University of Lublin, Poland

11.30 Facilitators' barriers and solutions to introducing mobile technology into clinical education –  
findings from the literature review/Uwarankowania i rekomendacje wprowadzenia technologii mobilnych  
do edukacji klinicznej – wnioski z przeglądu literatury  
Dr. Ariadna Huertas Zurriaga, Gernotz Trust i Pape Research Institute, Barakaldo, Spain (online)

12.00 Health care/medical students and stakeholders needs regarding mobile technology utilization in  
clinical education – findings from the focus groups study/Potrzeby studentów nauk  
o pielęgniarstwie oraz interesariuszy dotyczące wykorzystania technologii mobilnych w edukacji  
klinicznej – wyniki badania grup fokusowych  
Prof. Dr. Stephanie Heberlein, MME, University Duisburg-Essen, Germany

12.30 Co-creation and co-design of a mobile application for clinical training/ Współtworzenie  
i współprojektowanie aplikacji mobilnej dla edukacji klinicznej  
Dr. Angèle Frenay, Graz Technology University, Graz, Austria and Dr. Sebastian Densertien, University of  
Twente, Enschede, The Netherlands

13.00 Lunch

14.00 Presentation of the Learning ToolBox App (LTH) / Prezentacja aplikacji Learning ToolBox (LTH)  
Rejzmond Elferink, Kubby, The Netherlands

14.30 Q & A session/Dyskusja i odpowiedzi

15.00 Closing the conference, satisfaction evaluation and certificates/Zamknięcie konferencji, ocena satysfakcji oraz rozdanie certyfikatów

We reserve the right to make changes to the program/Zamierzamy sobie prawo do zmian w programie

**INFORMATION**

**Registration**  
Please register by February 28, 2023 using  
this link: [registration form](#) or QR code

**Location**  
Medical University of Lublin,  
Al. Raclawickie 1, 20-059 Lublin, Poland

Collegium Novum

How to find us: The meeting will take place at one of the campuses of the M.U.L. Our meeting  
will take place in Collegium Novum (Alaya Raclawickie 1 Street, Lublin). You can find M.U.L.  
buildings also here or QR Code

Tips for travelling and accommodations: you can find in our project application

**Contact**

> for foreign participants  
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Sciences, Medical University of Lublin  
E-mail: [beata.dobrowolska@umlub.pl](mailto:beata.dobrowolska@umlub.pl)  
Phone (+48) 81 4486307 Mob. (+48) 797 197 715 Webpage [www.umlub.pl](http://www.umlub.pl)

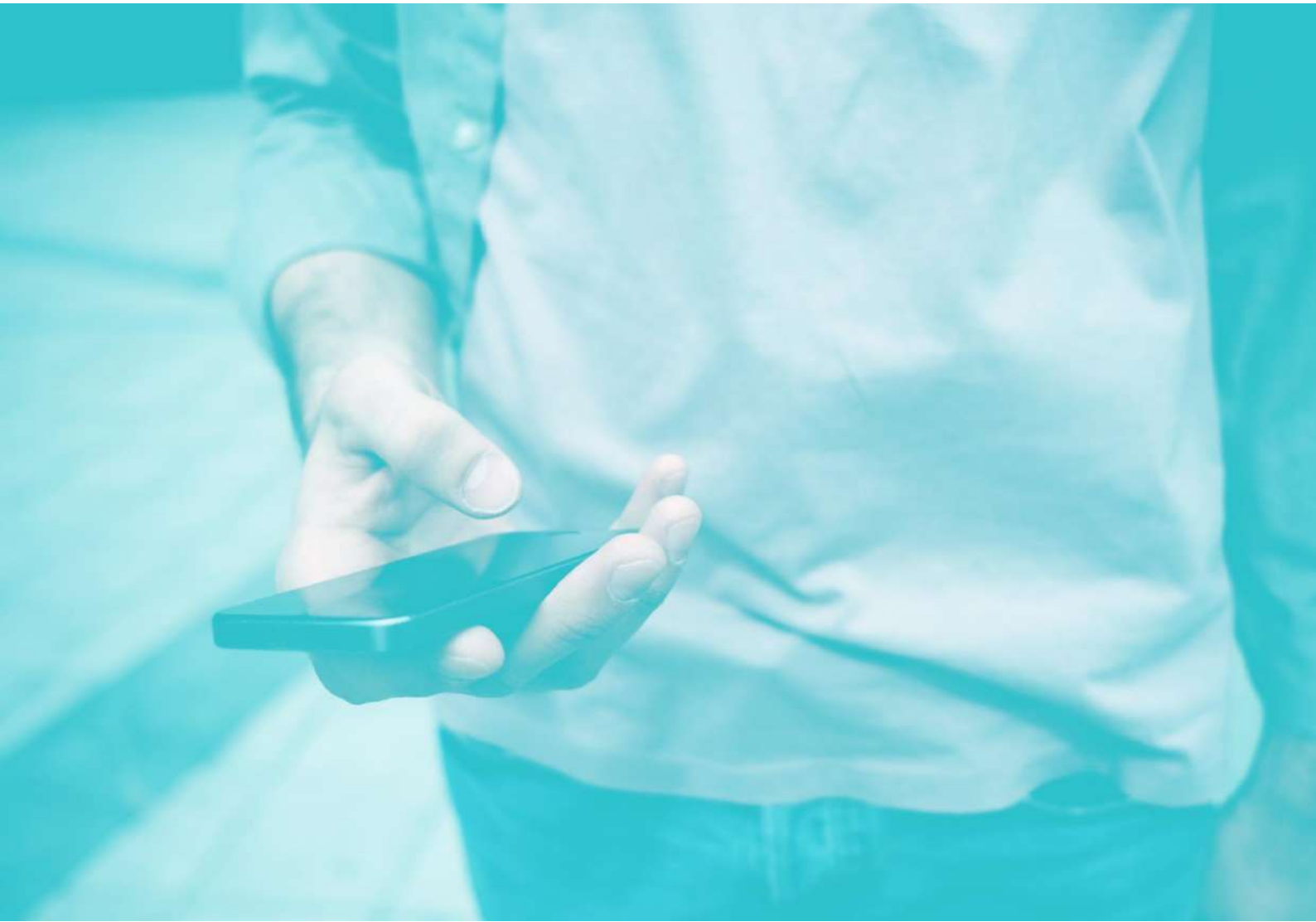
> for Polish participants  
Marta Szara  
Assistant professor, Department of Holistic Care and Nursing Management, Chair of  
Integrated Nursing Care, Faculty of Health Sciences, Medical University of Lublin  
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Phone (+81) 81 4486323 Mob. (+48) 305 417 272 Webpage [www.umlub.pl](http://www.umlub.pl)

## Informational signs





*To address actual problems in teaching as well as learning, embed technologies in respective practices and increase acceptance, the Technology Enhanced Learning (TEL) solution(s) must be co-designed with affected researchers, teachers, students and administrative staff.*



## 8. Registration

Thanks to the electronic registration of participants, we were able to manage the organization of the event in a simple and easy way. Some people registered on the day of the event using the paper registration form.



Online registration form



All participants, after signing up using the online registration form, received an email from us confirming their participation in the event, along with an updated agenda and practical information.

A paper registration form for the "1st 4D-Project Multiplier Event". The form is titled "REGISTRATION FORM" and includes sections for "PERSONAL DATA", "PHONE NUMBER", "E-MAIL", and "ORGANIZATION". It features a background image of a person in a lab coat and includes contact information and logos at the bottom.

Paper registration form.

ID	First name	Last name	Phone number (with ai	E-mail address	Organization name
1	Mariena	Matysiek-Nawrocka	48608329632	mnawrocka@wsns.pl	Akademia Nauk Społecznych i Medycyny
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58	Nikolina	Elez-Burnjakovic			University of East Sarajevo
59	Sara	Rakočević			University of East Sarajevo
60	Dragan	Spalč			University of East Sarajevo
61	Gorazd	Laznik	07/3930031	gorazd.laznik@uni-nm.si	University of Novo mesto
62	Stephanie	Herbstreit		stephanie.herbstreit@uk-essen.de	University Duisburg-Essen
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64	Angela	Fessi	43316873 - 30832	afessi@tugraz.at	Graz Technology University
65	Sebastian	Dennerlein	31534899217	sdennerlein@utwente.nl	University of Twente
66	Raymond	Eiferink			Kubify
67	Tamsin	Treasure-Jones			Kubify
68	Marzena	Szuster	48505005571	marzena.szuster@kul.pl	The John Paul II Catholic University of Lublin
69	Patrycja	Gierszon	48506164778	pat6777@wp.pl	Akademia Nauk Społecznych i Medycyny
70	Paweł	Dzyr	48573015266	p.dzyr@op.pl	Samodzielny Publiczny Szpital Województwa Lubelskiego
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75	Katarzyna	Kanadys	48660712053	katarzynakanadys@umlub.pl	Medical University in Lublin
76	Dominika	Stobnicka	48607653394	dominika.stobnicka@umlub.pl	Medical University in Lublin
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80	Anna	Anisiewicz	48664960874	annatywonluk1970@gmail.com	Medical University in Lublin
81	Alina	Trojanowska	48724863125	trojanowska-a@wp.pl	Medical University in Lublin
82	Agnieszka	Sobolewska-Samorek	48510207161	agnieszka.sobolewska-samorek@ucd.ie	Medical University in Lublin
83	Monika	Wójtowicz-Marzec	48505920408	monikawojtowiczmarzec@umlub.pl	Medical University in Lublin
84	Paweł	Jerzak	48739208708	pjerzak@nauka.panscheim.edu.pl	The University College of Applied Sciences

Online registrations: 84

Registrations on the day of the event: 27

Total registrations: 111

Signed registrations: 102

Unsigned registrations: 9

Total presence: 102

## 9. Communication and marketing

Invitations to the 1st 4D-Project Multiplier Event were distributed by e-mail and traditional post. We also published an invitation to the event on social media.

We developed social media pages specifically for the event, where we published key information about not only the 4D project, but also the event - the 1st 4D-Project Multiplier Event. The event was also promoted by local media - radio. Several press articles have also been produced, published online and in paper form.

Information about the assumptions of the 4D project, goals, partners, speakers, practical information about the event taking place on March 15, 2023, the city of Lublin, appeared on the social media pages of the event.

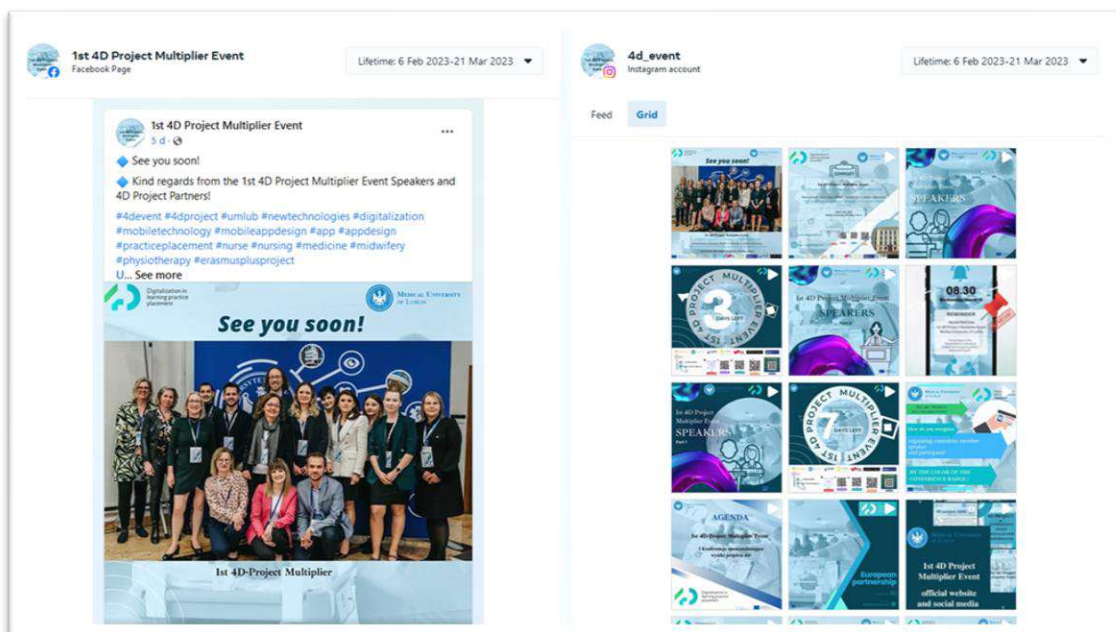
The posts we publish were shared by organizations cooperating with us, including university website, university media, local media, media of nursing organizations, but also by ourselves.

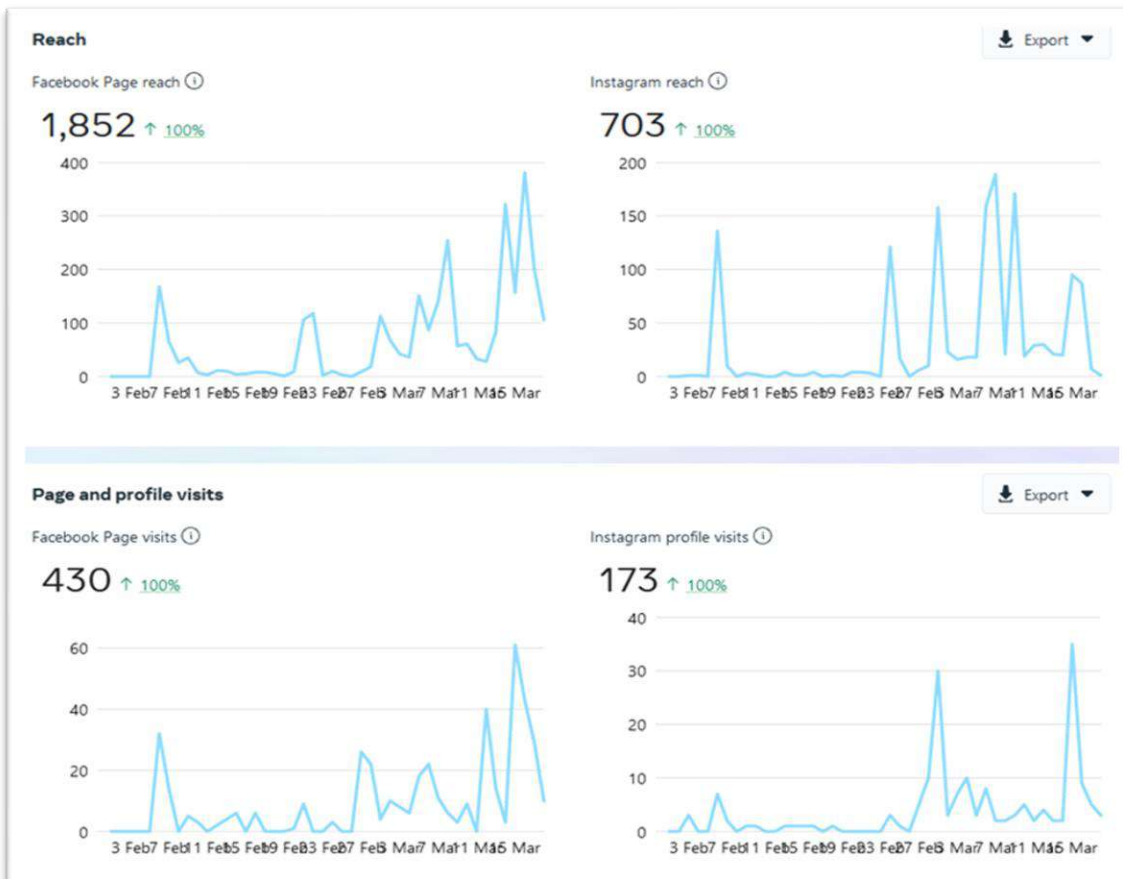
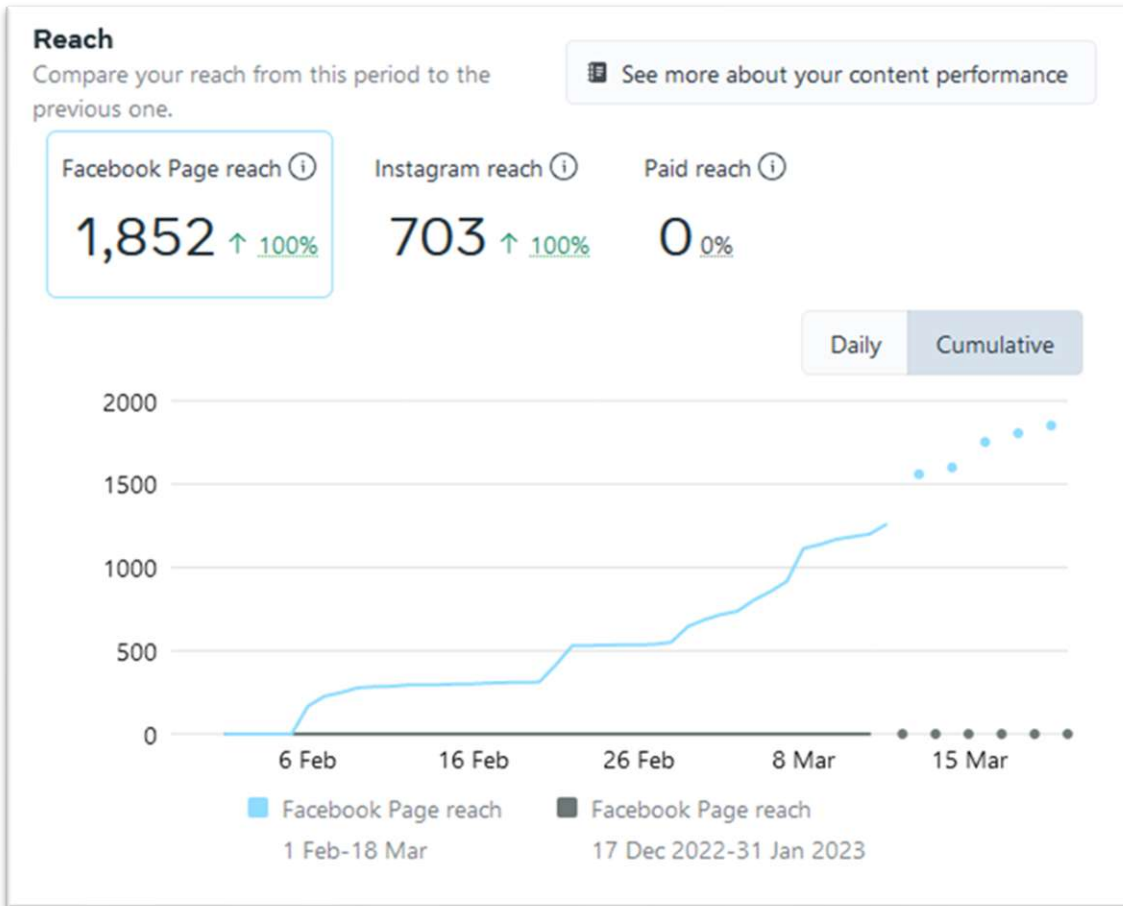
During the event, we cooperated with a photographer who made a photo report from the event. In addition, during the event, posts about the course, speeches, etc. were published on social media. After the event, we published a video summarizing the entire event on social media.

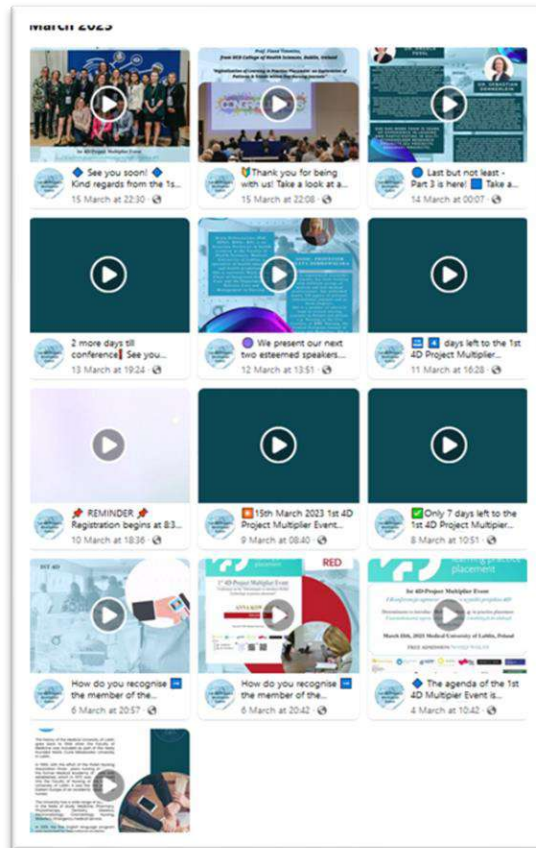
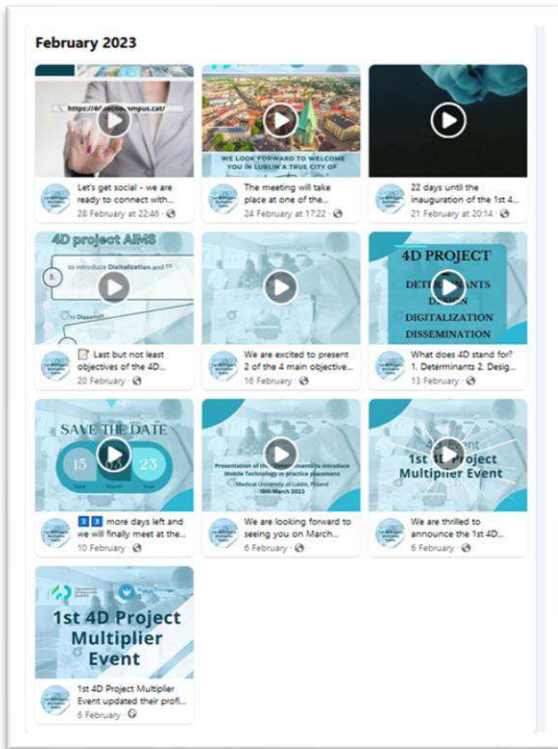
We think it was a great move because the published posts were shared by observers, which allowed us to reach a wider audience.




Facebook page

Instagram page







	<p>◆ See you soon! ◆ Kind regards from the 1st 4D Project Multiplier Event Speakers and 4D Project Partners! #4devent #4dproject #umlub #newtechnologies #digitalization #mobiletechnology...</p> <p>Wed, 15 Mar</p>	Post reach 283	Engagement 112
	<p>♥ Thank you for being with us! Take a look at a summary of the 1st 4D Project Multiplier Event. It was great to see you all! ♥ We have had many interesting discussions with people all over the world, we hope ...</p> <p>Wed, 15 Mar</p>	Post reach 608	Engagement 109
	<p>● Last but not least - Part 3 is here! 📺 Take a look at our distinguished speakers. ● 15th March 2023 - 1st 4D Project Multiplier Event - Medical University of Lublin, Poland - Collegium Novum - AL...</p> <p>Tues, 14 Mar</p>	Post reach 193	Engagement 36

## LinkedIn page

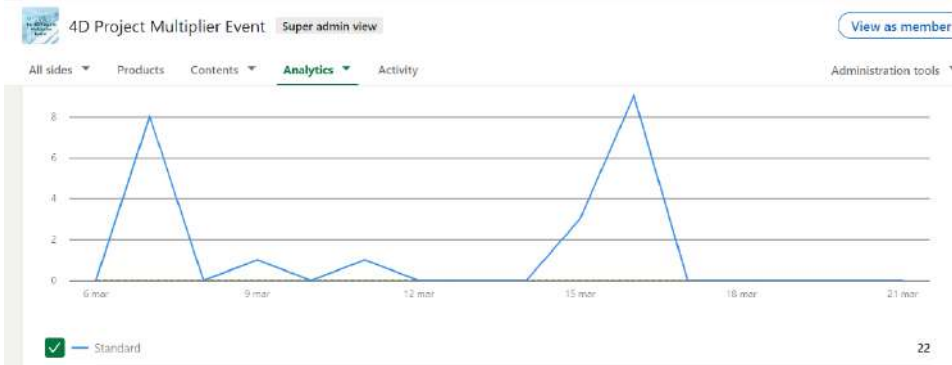
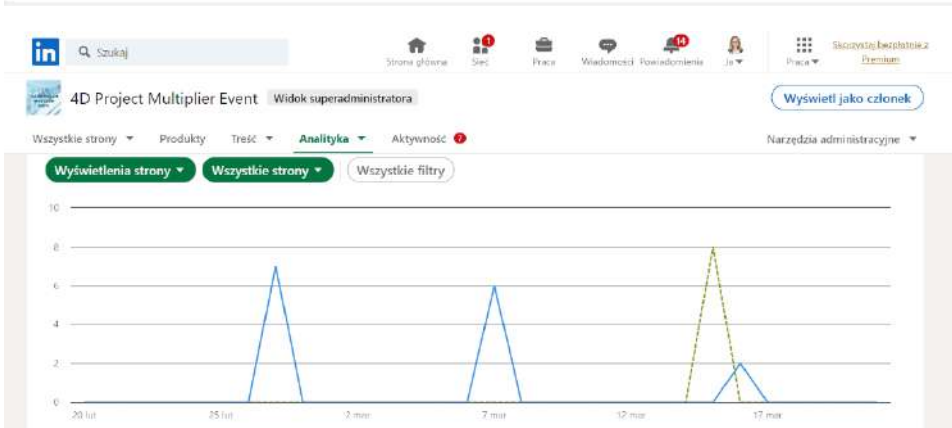
LinkedIn page: <https://www.linkedin.com/company/4d-project-multiplier-event/about/?viewAsMember=true>

### Główne informacje o odwiedzających

23  
Wyświetlenia strony  
▲666,7%

5  
Unikalni odwiedzający  
▲150%

4  
Kliki na przycisku niestandardowego



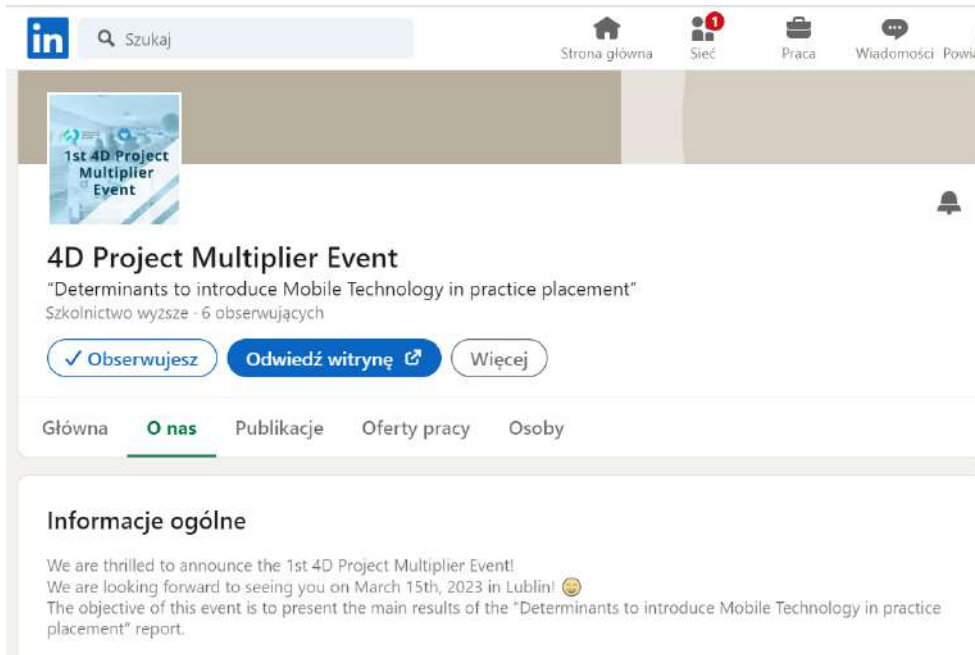
**1st 4D Project Multiplier Event**  
Presentation of the "Determinants to introduce Mobile Technology in practice placement"  
Medical University of Lublin, Poland  
15th March 2023

4 shares on LinkedIn

1 recommend Comment

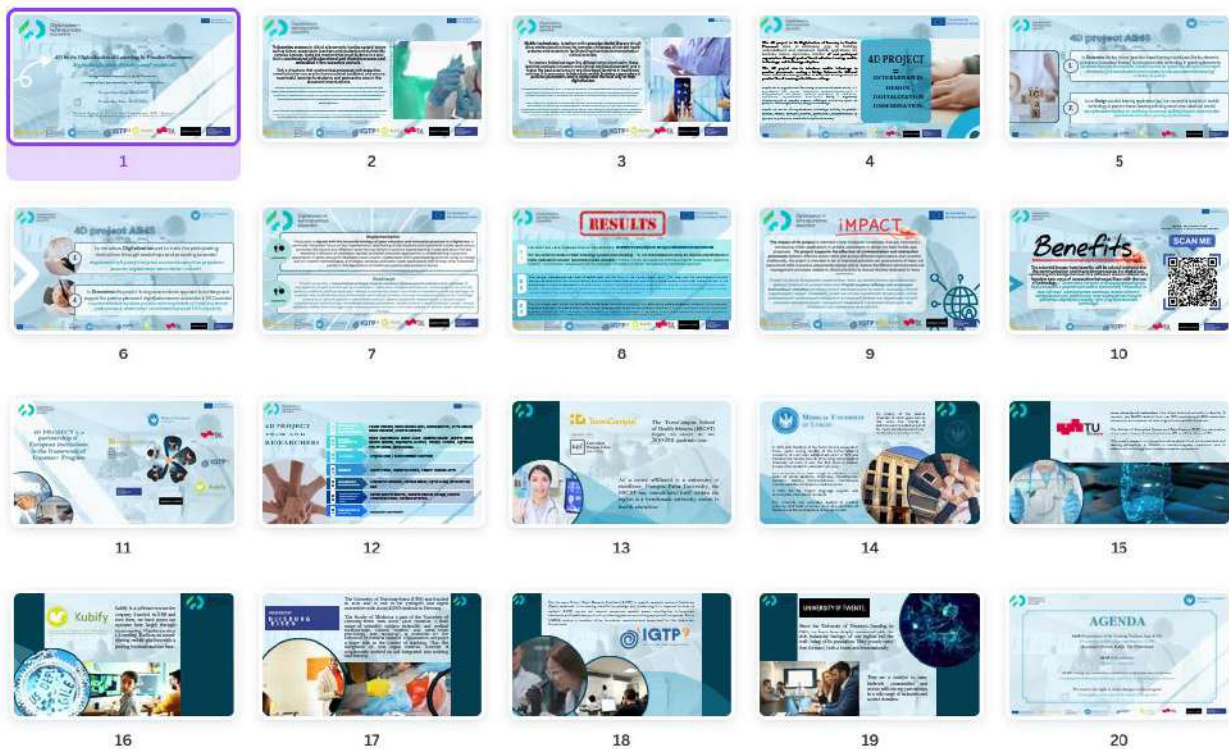
Be the first to comment on this

Organic impressions: 45 views Show statistics



## Film promoting the 4D-Project

We have also prepared a film promoting the 4D-Project and the 1st 4D-Project Multiplier Event. The film was displayed throughout the event on a monitor located in the event office, in front of the entrance to the auditorium. In addition, during the coffee break and lunch break, it was displayed on the main screen in the auditorium.







### Desktop/screen images (pptx slide)





## 10. Dissemination

We disseminated information about the event based on a database of contacts. We reached all universities educating in the fields of nursing, midwifery, physiotherapy, medicine in the Lublin region and neighbouring regions, university managers, representatives of chambers of nurses and midwives, chambers of physiotherapists and chambers of physicians, but also hospitals where clinical education take place. We contacted academic teachers, practical education coordinators, clinical mentors, students. We sent about 126 invitations. Additionally, we contacted different stakeholders by phone and also using social media.

### English version

### Polish version

We include a dissemination table where we have kept track of data and action links.



### 1st 4D-Project Multiplier Event

Presentation of the "Determinants to introduce Mobile Technology in practice placement"

March 15, 2023 Medical University of Lublin

#### DISTRIBUTION TABLE OF THE EVENT

Partner <i>Ex: Medical University of Lublin</i>	Channel <i>Ex: Facebook, internal mailing list, etc.</i>	Date of dissemination <i>Ex: 02.02.2023</i>	Primary target group of institution <i>Ex: all public readers, students, teachers, nurses, etc.</i>	Form of dissemination <i>Ex: 1st 4D-Project Multiplier Event</i>	Responsibilities (writers, presenters)	Evaluation criteria <i>ex: Number of visitors/readers, contacts</i>	Target number <i>Ex: 100 person, 3 likes, 1 share, 1 cited, 2 retweet</i>	Links
Medical University of Lublin	Facebook	06.02.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	9 likes, 1 share	5 likes	<a href="https://www.facebook.com/permalink.php?story_fbid=587238049812507&amp;id=100090030193228&amp;substory_index=587238049512507">https://www.facebook.com/permalink.php?story_fbid=587238049812507&amp;id=100090030193228&amp;substory_index=587238049512507</a>
Medical University of Lublin	Facebook	06.02.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	22 accounts reach, 8 likes	10 accounts reach, 2 likes	<a href="https://fb.watch/jpjh_dMQ1/">https://fb.watch/jpjh_dMQ1/</a>
Medical University of Lublin	Facebook	06.02.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	363 accounts reach, 22 likes, 3 shares	10 accounts reach, 2 likes	<a href="https://fb.watch/jpji3uS2Er/">https://fb.watch/jpji3uS2Er/</a>
Medical University of Lublin	Facebook	09.02.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	23 accounts reach, 7 likes	10 accounts reach, 2 likes	<a href="https://fb.watch/jpjiGtU3u/">https://fb.watch/jpjiGtU3u/</a>
Medical University of Lublin	Facebook	13.02.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	23 accounts reach, 8 likes	10 accounts reach, 2 likes	<a href="https://fb.watch/jpik5impg/">https://fb.watch/jpik5impg/</a>
Medical University of Lublin	Facebook	16.02.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	26 accounts reach, 7 likes	10 accounts reach, 2 likes	<a href="https://fb.watch/jpikxooFue/">https://fb.watch/jpikxooFue/</a>



### 1st 4D-Project Multiplier Event

Presentation of the "Determinants to introduce Mobile Technology in practice placement"

March 15, 2023 Medical University of Lublin

Medical University of Lublin	Facebook	20.02.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	24 accounts reach, 6 likes	10 accounts reach, 2 likes	<a href="https://fb.watch/jpikVQB2q/">https://fb.watch/jpikVQB2q/</a>
Medical University of Lublin	Facebook	21.02.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	20 accounts reach, 5 likes, 2 comments	10 accounts reach, 2 likes	<a href="https://www.facebook.com/?ref=feed/2396755680189195">https://www.facebook.com/?ref=feed/2396755680189195</a>
Medical University of Lublin	Facebook	24.02.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	27 accounts reach, 9 likes	10 accounts reach, 2 likes	<a href="https://fb.watch/jpjm39uolw/">https://fb.watch/jpjm39uolw/</a>
Medical University of Lublin	Facebook	28.02.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	257 accounts reach, 18 likes, 3 shares	50 accounts reach, 10 likes	<a href="https://www.facebook.com/?ref=feed/920138162669707">https://www.facebook.com/?ref=feed/920138162669707</a>
Medical University of Lublin	Facebook	02.03.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	230 accounts reach, 16 likes, 1 comment, 2 shares	50 accounts reach, 10 likes	<a href="https://fb.watch/jpin9fUVJX/">https://fb.watch/jpin9fUVJX/</a>
Medical University of Lublin	Facebook	04.03.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	408 accounts reach, 21 likes, 4 shares, 1 link click	50 accounts reach, 2 likes	<a href="https://fb.watch/jpissPrOFB/">https://fb.watch/jpissPrOFB/</a>
Medical University of Lublin	Facebook	06.03.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	43 accounts reach, 8 likes, 1 comment	20 accounts reach, 2 likes	<a href="https://fb.watch/jpisOdkkox/">https://fb.watch/jpisOdkkox/</a>
Medical University of Lublin	Facebook	08.03.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	6 likes	5 likes	<a href="https://www.facebook.com/?ref=feed/589578169744057">https://www.facebook.com/?ref=feed/589578169744057</a>
Medical University of Lublin	Facebook	09.03.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	7 likes	5 likes	<a href="https://www.facebook.com/?ref=feed/863047243693026">https://www.facebook.com/?ref=feed/863047243693026</a>





### 1<sup>st</sup> 4D-Project Multiplier Event

Presentation of the "Determinants to introduce Mobile Technology in practice placement"

March 15, 2023 Medical University of Lublin

Medical University of Lublin	Facebook	10.03.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	7 likes	5 likes	<a href="https://www.facebook.com/ree/877908086650048">https://www.facebook.com/ree/877908086650048</a>
Medical University of Lublin	Facebook	11.03.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	6 likes	5 likes	<a href="https://www.facebook.com/ree/1639531793183851">https://www.facebook.com/ree/1639531793183851</a>
Medical University of Lublin	Facebook	12.03.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka, P. Ozdoba	33 accounts reach, 8 likes	10 accounts reach, 5 likes	<a href="https://fb.watch/pjwMI3ulu/">https://fb.watch/pjwMI3ulu/</a>
Medical University of Lublin	Facebook	13.03.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	6 likes	5 likes	<a href="https://www.facebook.com/ree/922947859054153">https://www.facebook.com/ree/922947859054153</a>
Medical University of Lublin	Facebook	14.03.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka, P. Ozdoba	211 accounts reach, 11 likes, 1 share	50 accounts reach, 5 likes	<a href="https://fb.watch/pjwGUELPW/">https://fb.watch/pjwGUELPW/</a>
Medical University of Lublin	Facebook	15.03.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	662 accounts reach, 48 likes, 3 comment, 5 shares	50 accounts reach, 10 likes	<a href="https://fb.watch/pjx1wOfb9/">https://fb.watch/pjx1wOfb9/</a>
Medical University of Lublin	Facebook	15.03.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	446 accounts reach, 33 likes, 4 shares	50 accounts reach, 10 likes	<a href="https://fb.watch/pjpxs09hiv/">https://fb.watch/pjpxs09hiv/</a>
Medical University of Lublin	Instagram	03.02.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	Accounts reach 17, likes 5, 1 share, 23 replays	10 accounts reach, 2 likes	<a href="https://www.instagram.com/reel/CoN39a2AvI_Q?utm_source=ig_web_copy_link">https://www.instagram.com/reel/CoN39a2AvI_Q?utm_source=ig_web_copy_link</a>
Medical University of Lublin	Instagram	04.02.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	Accounts reach 157, likes 4, 165 replays	50 accounts reach, 2 likes	<a href="https://www.instagram.com/reel/CoN6pCqCU?utm_source=ig_web_copy_link">https://www.instagram.com/reel/CoN6pCqCU?utm_source=ig_web_copy_link</a>



### 1<sup>st</sup> 4D-Project Multiplier Event

Presentation of the "Determinants to introduce Mobile Technology in practice placement"

March 15, 2023 Medical University of Lublin

Medical University of Lublin	Instagram	10.02.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	15 accounts reach, 3 likes, 1 comment	10 accounts reach, 2 likes	<a href="https://www.instagram.com/reel/CoDYamuATfC?utm_source=ig_web_copy_link">https://www.instagram.com/reel/CoDYamuATfC?utm_source=ig_web_copy_link</a>
Medical University of Lublin	Instagram	13.02.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	16 accounts reach, 4 likes, 2 comments	10 accounts reach, 2 likes	<a href="https://www.instagram.com/reel/CoMvu2LAKPS?utm_source=ig_web_copy_link">https://www.instagram.com/reel/CoMvu2LAKPS?utm_source=ig_web_copy_link</a>
Medical University of Lublin	Instagram	16.02.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	13 accounts reach, 4 likes, 2 comments	10 accounts reach, 2 likes	<a href="https://www.instagram.com/reel/Co8a8fADZ?utm_source=ig_web_copy_link">https://www.instagram.com/reel/Co8a8fADZ?utm_source=ig_web_copy_link</a>
Medical University of Lublin	Instagram	20.02.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	15 accounts reach, 5 likes, 2 comments	10 accounts reach, 2 likes	<a href="https://www.instagram.com/reel/Co4kRPqEeRP?utm_source=ig_web_copy_link">https://www.instagram.com/reel/Co4kRPqEeRP?utm_source=ig_web_copy_link</a>
Medical University of Lublin	Instagram	21.02.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	20 accounts reach, 5 likes, 2 comments	20 accounts reach, 2 likes	<a href="https://www.instagram.com/reel/Co8CswOatJrQ?utm_source=ig_web_copy_link">https://www.instagram.com/reel/Co8CswOatJrQ?utm_source=ig_web_copy_link</a>
Medical University of Lublin	Instagram	24.02.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	157 accounts reach, 4 likes, 3 comments	50 accounts reach, 2 likes	<a href="https://www.instagram.com/reel/CoDTNRYAWBw?utm_source=ig_web_copy_link">https://www.instagram.com/reel/CoDTNRYAWBw?utm_source=ig_web_copy_link</a>
Medical University of Lublin	Instagram	28.02.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	171 accounts reach, 8 likes, 2 comments	50 accounts reach, 2 likes	<a href="https://www.instagram.com/reel/CoLUM5Ap_G?utm_source=ig_web_copy_link">https://www.instagram.com/reel/CoLUM5Ap_G?utm_source=ig_web_copy_link</a>
Medical University of Lublin	Instagram	02.03.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	27 accounts reach, 7 likes	20 accounts reach, 2 likes	<a href="https://www.instagram.com/reel/CoTjkmRgN_v?utm_source=ig_web_copy_link">https://www.instagram.com/reel/CoTjkmRgN_v?utm_source=ig_web_copy_link</a>
Medical University of Lublin	Instagram	04.03.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	218 accounts reach, 7 likes	50 accounts reach, 2 likes	<a href="https://www.instagram.com/reel/CoXNIRLIT2L?utm_source=ig_web_copy_link">https://www.instagram.com/reel/CoXNIRLIT2L?utm_source=ig_web_copy_link</a>





### 1<sup>st</sup> 4D-Project Multiplier Event

Presentation of the "Determinants to introduce Mobile Technology in practice placement"

March 15, 2023 Medical University of Lublin

Medical University of Lublin	Instagram	06.03.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	153 accounts reach, 6 likes	50 accounts reach	<a href="https://www.instagram.com/reel/Cpda4IA1aA7utm_source=ig_web_copy_link">https://www.instagram.com/reel/Cpda4IA1aA7utm_source=ig_web_copy_link</a>
Medical University of Lublin	Instagram	08.03.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	179 accounts reach, 4 likes, 1 share	50 accounts reach	<a href="https://www.instagram.com/reel/Cphdq_8II1a2utm_source=ig_web_copy_link">https://www.instagram.com/reel/Cphdq_8II1a2utm_source=ig_web_copy_link</a>
Medical University of Lublin	Instagram	08.03.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka, P. Ozdoba	171 accounts reach, 6 likes, 1 share	50 accounts reach	<a href="https://www.instagram.com/reel/CpJ0Vpmlp6G?utm_source=ig_web_copy_link">https://www.instagram.com/reel/CpJ0Vpmlp6G?utm_source=ig_web_copy_link</a>
Medical University of Lublin	Instagram	10.03.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	29 accounts reach, 3 likes	20 accounts reach	<a href="https://www.instagram.com/reel/Cpna_NIALFb?utm_source=ig_web_copy_link">https://www.instagram.com/reel/Cpna_NIALFb?utm_source=ig_web_copy_link</a>
Medical University of Lublin	Instagram	12.03.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	25 accounts reach, 3 likes	20 accounts reach	<a href="https://www.instagram.com/reel/CpGmt_cWMA?utm_source=ig_web_copy_link">https://www.instagram.com/reel/CpGmt_cWMA?utm_source=ig_web_copy_link</a>
Medical University of Lublin	Instagram	12.03.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka, P. Ozdoba	24 accounts reach, 1 like	20 accounts reach	<a href="https://www.instagram.com/reel/CpsKnByIq1?utm_source=ig_web_copy_link">https://www.instagram.com/reel/CpsKnByIq1?utm_source=ig_web_copy_link</a>
Medical University of Lublin	Instagram	13.03.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka, P. Ozdoba	29 accounts reach, 6 likes	20 accounts reach	<a href="https://www.instagram.com/reel/Cpvx4XQo5_n?utm_source=ig_web_copy_link">https://www.instagram.com/reel/Cpvx4XQo5_n?utm_source=ig_web_copy_link</a>
Medical University of Lublin	Instagram	15.03.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	58 accounts reach, 4 likes, 1 comments	50 accounts reach	<a href="https://www.instagram.com/reel/Cp0pTxLoNL-?utm_source=ig_web_copy_link">https://www.instagram.com/reel/Cp0pTxLoNL-?utm_source=ig_web_copy_link</a>
Medical University of Lublin	Instagram	15.03.2023	public readers, students, teachers, nurses	1st 4D-Project Multiplier Event	M. Dziurka	149 accounts reach, 11 likes, 1 comment, 1 share	50 accounts reach	<a href="https://www.instagram.com/p/Cp0v8Pvoq4?utm_source=ig_web_copy_link">https://www.instagram.com/p/Cp0v8Pvoq4?utm_source=ig_web_copy_link</a>

event4D@umlub.pl  
<https://4d.tecnocampus.cat>



### 1<sup>st</sup> 4D-Project Multiplier Event

Presentation of the "Determinants to introduce Mobile Technology in practice placement"

March 15, 2023 Medical University of Lublin

Partner	Channel <i>Ex: Facebook, internal mailing list, etc.</i>	Date of dissemination <i>Ex: 02.02.2023</i>	Primary target group of institution <i>Ex: all public readers, students, teachers, nurses, etc.</i>	Form of dissemination <i>Ex: 1st 4D-Project Multiplier Event</i>	Responsibilities (writers, presenters)	Evaluation criteria <i>ex: Number of visitors/readers, contacts</i>	Target number <i>Ex: 100 person, 3 likes, 1 share, 1 cited, 2 retweet</i>	Links
Medical University of Lublin	LinkedIn	6.02.2023	all public readers	1st 4D-Project Multiplier Event	A. Chrzan-Rodak	55 views 1 comment 4 sharing 5 reactions	20 views	<a href="https://www.linkedin.com/feed/update/urn:li:activity:7028355009104756736">https://www.linkedin.com/feed/update/urn:li:activity:7028355009104756736</a>
Medical University of Lublin	LinkedIn	13.02.2023	all public readers	1st 4D-Project Multiplier Event	A. Chrzan-Rodak	22 views 1 comment 0 sharing 2 reactions	20 views	<a href="https://www.linkedin.com/feed/update/urn:li:activity:7030903978888413184">https://www.linkedin.com/feed/update/urn:li:activity:7030903978888413184</a>
Medical University of Lublin	LinkedIn	24.02.2023	all public readers	1st 4D-Project Multiplier Event	A. Chrzan-Rodak	20 views 1 comment 0 sharing 3 reactions	20 views	<a href="https://www.linkedin.com/feed/update/urn:li:activity:7034922748321673216">https://www.linkedin.com/feed/update/urn:li:activity:7034922748321673216</a>
Medical University of Lublin	LinkedIn	16.03.2023	all public readers	1st 4D-Project Multiplier Event	A. Chrzan-Rodak	11 views 1 comment 0 sharing 2 reactions	20 views	<a href="https://www.linkedin.com/feed/update/urn:li:activity:7041983638363643904">https://www.linkedin.com/feed/update/urn:li:activity:7041983638363643904</a>
Medical University of Lublin	LinkedIn	22.03.2023	all public readers	1st 4D-Project Multiplier Event	A. Chrzan-Rodak	3 views 1 comment 0 sharing 3 reactions	20 views	<a href="https://www.linkedin.com/feed/update/urn:li:activity:7044205139695443968">https://www.linkedin.com/feed/update/urn:li:activity:7044205139695443968</a>

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<https://4d.tecnocampus.cat>





Digitalization in  
learning practice  
placement

Wyszukiwanie |  |  |  |



MEDICAL UNIVERSITY  
OF LUBLIN

## 1<sup>st</sup> 4D-Project Multiplier Event

Presentation of the "Determinants to introduce Mobile Technology in practice placement"

March 15, 2023 Medical University of Lublin

Rynek Zdrowia	rynekzdrowia.pl	25 03 2023	all public readers	1st 4D-Project Multiplier Event	Marianna Lach		<a href="https://www.rynekzdrowia.pl/E-zdrowie/Powstaje-aplikacja-mobiina-dla-studentow-kierunkow-medycznych-Ma-ulatwic-nauke-praktyczna,243720,7.html">https://www.rynekzdrowia.pl/E-zdrowie/Powstaje-aplikacja-mobiina-dla-studentow-kierunkow-medycznych-Ma-ulatwic-nauke-praktyczna,243720,7.html</a>
Radio Lublin	Radio Lublin	15 03 2023	all public readers	1st 4D-Project Multiplier Event	Radio Lublin		<a href="https://radio.lublin.pl/2023/03/specjalna-aplikacja-pomoze-studentom-kierunkow-medycznych/">https://radio.lublin.pl/2023/03/specjalna-aplikacja-pomoze-studentom-kierunkow-medycznych/</a>
Radio Lublin	Radio Lublin	16 03 2023	all public readers	1st 4D-Project Multiplier Event	Radio Lublin		<a href="https://radio.lublin.pl/2023/03/lepsza-organizacja-i-kontakt-z-pacjentem-aplikacja-ulatwi-prace-studentom-kierunkow-medycznych/">https://radio.lublin.pl/2023/03/lepsza-organizacja-i-kontakt-z-pacjentem-aplikacja-ulatwi-prace-studentom-kierunkow-medycznych/</a>
Medical University of Lublin	Medical University of Lublin	21 03 2023	all public readers	1st 4D-Project Multiplier Event	Justyna Krysa, Beata Dobrowolska		<a href="https://umlub.pl/uczelnia/informacje/aktualnosci/art,14575,miedzynarodowy-tydzien-wydzialu-nauk-o-zdrowiu.html">https://umlub.pl/uczelnia/informacje/aktualnosci/art,14575,miedzynarodowy-tydzien-wydzialu-nauk-o-zdrowiu.html</a>

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See more



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the European Union



*To create a bridge between the different actors involved in these learning contexts (university and clinical practice placement) and to foster the best experience in practice-based learning in healthcare settings, it is necessary to introduce mobile learning approaches in practice placements and to understand the best way in their digitalization.*



## 11. Certificates

We created a certificate of attendance that each participant of the event received. For the speakers, we have developed a certificate of appreciation for their presentation.

### Certificate of attendance



### Certificate of appreciation

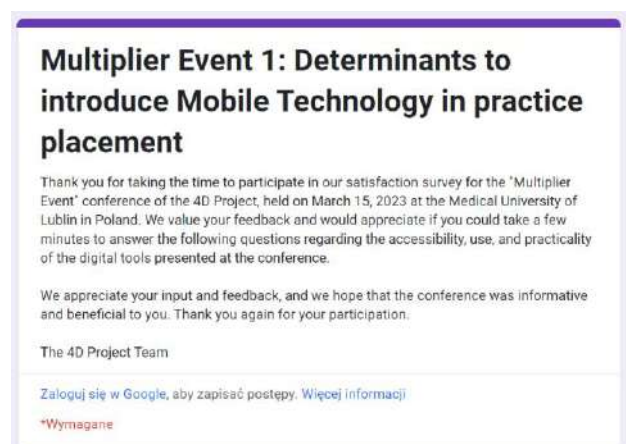


*The project focus on the implementation and testing of individualized and customized mobile applications, promotes discussions and reflection about the key factors in practice-based learning models and about the key elements in diffusion of innovation theories, promotes innovative approaches in mobile learning in practice placements in higher education.*



## 12. Survey

An evaluation questionnaire was also developed. The questionnaire was developed in English and Polish. The survey was developed using a Google form and placed in the design application.



A QR code has been created for both language versions, placed on the back of the participant badges.



After the event, an email was sent to each participant with a request to complete the evaluation questionnaire again. Thanks to these activities, we wanted to reach as many participants as possible who would complete the questionnaire.

We received 51 responses (40 responses from Polish participants, 11 responses from foreign participants).

The vast majority of participants were satisfied with their participation in the conference. The content presented, the platform and the topics were considered definitely useful. The duration of the entire event was rated as very suitable.



### 13. Financial costs

The funding we received for holding the conference was EUR 5500.

Costs incurred were related to:

- the hiring and handling of simultaneous translation (*Polish -> English, English -> Polish*): 1809.10 EURO
- catering services on March 15: 6410.40 EURO
- conference materials for the participants of the event: 862.19 EURO
- a contract for the Keynote Speaker: 702.91 EURO

The planned cost was 25802.15 PLN (5500 EURO). The final cost was 22239.76 PLN (4740.64 EURO).

4D - Multiplier Event, 15.03.2023, 5500 EUR				* the average annual exchange rate for the period was adopted for conversion 17.01.2022-17.01.2023		4,6913	
Under the ME category, it is possible to finance costs directly related to the organization of the event, e.g. equipment rental, catering, conference and training materials (promotional materials - from the project management category), remuneration of speakers, travel and stay of participants.							
No.	Category	Quantity	Planned budget EUR	Planned budget PLN*	Cost incurred in PLN gross	Cost incurred in EUR	Comments
1	Simultaneous interpretation service with necessary equipment	1	1918,44	9000	8487	1809,09	Skrivanek
2	Catering service on March 15	1	1598,70	7500	6410,4	1366,44	"Za kulisami" Restaurant - lunch, coffee break
3	Conference materials	1	959,22	4500	4044,8	862,19	JNS Studio Reklamy
4	Prof. F. Timmins' contract for work	1	724,75	3400	3297,56	702,91	Contract for work
Total planned budget			5201,12	24400	22239,76	4740,64	
			5500	25802,15			
						remaining amount (PLN)	3562,39
						remaining amount (EUR)	759,36



## 14. Photos

The 4D-Projekt team with Keynote Speaker - Fiona Timmins.



Presentation of the project to the audience.





## Session 1

### Keynote Speaker Lecture - Fiona Timmins.



### Lecture Prof. Esther Cabrera, Dr. Carlos Martínez-Gaitero, Dr. Carles Garcia.



## Session 2

Lecture Asst. prof. Beata Dobrowolska



Lecture Dr. Ariadna Huertas Zurriaga



### Lecture Dr. Ariadna Huertas Zurriaga



### Lecture Prof. Dr. Stephanie Herbstreit



Lecture Dr. Angela Fessel and Dr. Sebastian Dennerlein



Raymond Elferink and Tamsin Treasure-Jones showcased the Learning Toolbox (LTB)



### Question & Answer Time



During the breaks, participants exchanged opinions and discussed.











## 15. Conclusions and recommendations

- With 102 participants representing 8 countries we could disseminate the results of the 1<sup>st</sup> year of the project work and share the information regarding determinants to introduce mobile technology in practice placement higher education.
- The overall assessment of external services was satisfactory. We believe that access to the facility, congress services, and simultaneous translation services ran smoothly throughout the event.
- This report points out how important it is to connect the various stakeholders involved in practical medical education when designing the mobile App to be used in clinical training.
- The 1st 4D-Project Multiplier Event was well received by participants, and as a result, event design strategies, should be evaluated in terms of how well the event objectives and stakeholder goals are met and participants are satisfied.