



European Commission
PROJECT 2024-1-LV01-KA220-
HED-000255929

“Biomedical Innovations through Digital Transformation of Additive Technologies and Knowledge Exchange”

Subject: Minutes on the Work Package No. 2 Strategy Workshop
Date: 18 November, 2024
Place: Poznan, Poland

Work Package No. 2 Strategy Workshop
18 November, 2024
Poznan, Poland
Minutes

Objectives:

- Presentation of the Work Package 2, its structure, tasks and deliverables;
- Develop 1 strategic plan with timelines, milestones, nominated team members, roles & distribution of tasks;
- Develop 1 list with clearly identified cutting edge tools & resources (existing / needing logistics);
- Develop 1 template of the ebook+content of each course module.

Activities:

- are presented by the attached Agenda (see please the Annex I) of the meeting; the Agenda had been discussed in advance by the Persons in Charge (via Internet) and finally had been approved at the meeting start.

Participants:

The following persons had attended the meeting:

from RTU:

Mr. Marks Gorohovs (Project administrator),
Ms. Aleksejs Kataševs;

from TUCN:

Mr. Razvan Pacurar (Person in charge);

from PUT:

Mr. Filip Górski (Person in charge),
Mr. Bartosz Gapiński (Dean of Faculty of Mechanical Engineering),
Mr. Jakub Grabski (Vice-Dean for Full-time Studies);
Mr. Paweł Buń,
Mr. Jakub Gapsa,



Universidad
Politécnica
de Cartagena



from UPCT:

Mr. Isidro Ibarra-Berrocal;

from NIS:

Mr. Nikola Vitković (Person in charge),
Mr. Aleksandar Miltenović;

from UNIPU:

Mr. Sven Maričić (Person in charge);

from Materialise NV:

Mr. Radu Popa (Person in charge),
Mr. Arsham Makaryan;

from ViscoTec GmbH:

Mr. Raphael Lichtnecker (Person in charge);

Synopsis

A Work Package No. 2 Strategy Workshop for the BIOMEDIX project took place in Poznan, Poland, on November 18, 2024. Representatives from all participating partner institutions attended in person, including: Mr. Marks Gorohovs (Project Administrator) and Mr. Aleksejs Kataševs from RTU; Mr. Razvan Pacurar (Person in Charge) from TUCN; Mr. Filip Górski (Person in Charge), Mr. Bartosz Gapiński (Dean of Faculty of Mechanical Engineering), Mr. Jakub Grabski (Vice-Dean for Full-time Studies), Mr. Paweł Buń, Mr. Jakub Gapsa from PUT; Mr. Isidro Ibarra-Berrocal from UPCT; Mr. Nikola Vitković (Person in Charge) and Mr. Aleksandar Miltenović from NIS; Mr. Sven Maričić (Person in charge) from UNIPU; Mr. Radu Popa (Person in charge) and Mr. Arsham Makaryan from Materialise NV; Mr. Raphael Lichtnecker (Person in charge) from ViscoTec GmbH.

Consortium meeting started at 8:30 and took place at the room 212 of Faculty of Mechanical Engineering on Piotrowo Street 3, Poznan.

The Dean of Dean of Faculty of Mechanical Engineering of PUT, Mr. Bartosz Gapiński had delivered the opening address and introduced the Poznan University of Technology.

Mr. Filip Górski presented the the main the aim, tasks, deliverables and activities to be carried out in frames of Work Package No.2 “Development and Publication of an e-Book on Biomedical Innovations through Digital Transformation: Identifying of Cutting-Edge Tools and Resources”.

The template for the E-book contents (8 modules + 30 VR/AR applications) was presented and discussed by all the participants, focusing on the specific contributions of each partner organization and nominating team members.

Mr. Filip Górski also presented the cloud storage (50GB) made internally on PUT server with access for all the participants.

After discussion, participants attended the “VR laboratory” where Virtual, Mixed and Augmented Reality tools for enhancing the eBook were presented by Mr. Filip Górski, Mr. Paweł Buń and Mr. Jakub Gapsa. Participants could try and interact with different VR/AR applications developed by PUT.

Presentation followed by a mini-workshop, in which participants tried develop the AR application using game engine and mobile devices following instructions, provided by Mr. Jakub Gapsa. This gave opportunity to acquire skills for the future development of VR/AR applications for E-book.

After lunch, the discussions continued, now focusing on the available cutting edge tools & resources of partners and creation a list of these tools. A strategic plan with timelines, milestones, nominated team members, roles & distribution of tasks was presented by Mr. Filip Górski and discussed by all the participants.

Results of discussions on the formal *Consortium meeting* – Following decisions were made:

The first draft of the E-book is expected on the 30 of March 2025. Completed chapters with implemented VR/AR applications to be done by 30 of June 2025.

The summer school (to be held at Poznan University of Technology) will be arranged from the 21 to 31 of July.

The Multiplier Event held by PUT to be postponed to the end of October as there will be a conference organized during which the multiplier event may be implemented. Other consortium partners are encouraged to participate remotely and deliver lectures during Multiplier Event.

The publication of the E-book was decided to be made in the Special Issue of MDPI Journal. The Editorial board from the consortium were nominated to be – Mr. Marks Gorohovs (Project Administrator) and Mr. Aleksandar Miltenović.

The formal *Consortium meeting* was concluded.

After discussion, participants attended the laboratories of Faculty of Mechanical Engineering.

the partners participated in guided tour around Poznan, guided by Mr. Jakub Grabski (Vice-Dean for Full-time Studies) and attended the dinner at Restaurant “Drevny Kocur” Święty Marcin 11 Street, where had non-formal face-to-face discussions on the project.

Annex I

Work Package No. 2 Strategy Workshop
18 November, 2024
Poznan, Poland

Agenda and time table**18 November**

Time	Event	Location
8:30-9:00	Welcome address and introduction <i>Dean of Faculty of Mechanical Engineering – prof. Bartosz Gapiński</i> <i>PUT BIOMEDIX coordinator – prof. Filip Górski</i>	Faculty of Mech.Eng. ul. Piotrowo 3, Poznan Room 212
9:00-11:00	Strategy Workshop Part 1: deliverables and e-book contents	Room 212
9:00-9:30	Presentation and discussion of planned deliverables for WP2. <i>Presenter: prof. Filip Górski</i>	
9:30-10:30	Discussion of the e-book template. Dividing contents of modules between partners. Formulating mini-teams for writing. <i>Moderator: prof. Filip Górski</i>	
10:30-11:00	Discussion of the list of tools and resources needed for the Work Package activities. <i>Moderator: prof. Filip Górski</i>	
11:00-11:15	Coffee break	Room 212
11:15-13:30	Strategy Workshop Part 2: digital tools and applications	Faculty of Mech.Eng. Room 108 (VR Laboratory)
11:15-11:45	Presentation of Virtual, Mixed and Augmented Reality tools for enhancing the eBook <i>Presenters: prof. Filip Górski, MSc. Paweł Buń, MSc. Jakub Gapsa</i>	
11:45-13:30	Mini-workshop: Building Augmented Reality applications for e-book on Biomedical Innovations using game engine and mobile devices <i>Instructor: MSc. Jakub Gapsa</i>	
13:30-14:15	Lunch	Lecturing Center PUT Professor's Club Room CW-5
14:15-15:00	Strategy Workshop Part 3: strategic plan discussion <i>Moderator: prof. Filip Górski</i>	Faculty of Mech.Eng. Room 108
15:00-16:00	Visiting the Faculty of Mechanical Engineering laboratories	
17:00-19:00	Walking tour, city of Poznan <i>Dr Jakub Grabski, Vice-Dean for Full-time Studies</i>	The meeting point: In front of Ibis Hotel, Kazimierza Wielkiego Street
19:00-21:00	Supper	Restaurant Drevny Kocur, Święty Marcin 11 Street