

**HED-000255929**

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

Subject: Minutes on the Work Package no. 5 Strategy Workshop

Date: 13 February, 2025

Place: Polytechnic University of Cartagena, Cartagena, Spain

## **Work Package no. 5 Strategy Workshop**

### **13 February, 2025**

### **Cartagena, Spain**

## *Minutes*

### **Objectives:**

- Progress of activities and deliverables for WP5. Presentation of the Work Package 5, its structure, tasks and deliverables.
- Identification of practical cases for testing new materials/applications / 3D bioprinting technologies.
- Defining of inter-disciplinary & transdisciplinary teams (students/professors/company representatives);
- Development of a common working & dissemination plan;
- Discussion and improvement of the Web-page of the project,
- Further activities, including summer school (progress, recruiting, targeted students, teachers), project post-events

### **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 attended the meeting:

#### **from RTU:**

Mr. Jurijs Dehtjars (Project Coordinator, Person in charge),

Mr. Marks Gorohovs (Project administrator),

#### **from TUCN:**

Mr. Razvan Păcurar (Person in charge),

Mrs. Ancuța Păcurar;

#### **from PUT:**

Mr Filip Gorski (Person in charge);

#### **from UPCT:**

Mr. Joaquin Roca-Gonzalez

(Person in charge),  
Mr. Isidro Jesus Ibarra Berrocal,  
Ms. Lucia Martinez Abellan;

**from NIS:**

Mr. Nikola Vitković,  
Mr. Rajko Turudija;

**from UNIPU:**

Mr. Diego Sušanj;

**from Materialise NV:**

Ms. Louise Vandaele,  
Ms. Justine Michel;

**from ViscoTec GmbH:**

Mr. Raphael Lichtnecker (Person in charge),  
Ms. Johanna Bruckhuber;

**Synopsis**

A Work Package No. 5 Strategy Workshop for the BIOMEDIX project took place in Cartagena, Spain, on February 13, 2025. Representatives from all participating partner institutions attended in person, including: Mr. Jurijs Dehtjars (Project Coordinator, Person in charge) and Mr. Marks Gorohovs (Project Administrator); Mr. Razvan Pacurar (Person in Charge) and Mrs. Ancuța Păcurar from TUCN; Mr. Filip Górski (Person in Charge) from PUT; Mr. Joaquin Roca-Gonzalez (Person in charge), Mr. Isidro Ibarra-Berrocal and Ms. Lucia Martinez Abellan from UPCT; Mr. Nikola Vitković (Person in Charge) and Mr. Rajko Turudija from NIS; Mr. Diego Sušanj from UNIPU; Ms. Louise Vandaele and Ms. Justine Michel from Materialise NV; Mr. Raphael Lichtnecker (Person in charge) and Ms. Johanna Bruckhuber from ViscoTec GmbH.

Consortium meeting started at 9:30 and took place at the Seminar Room at the R&D Building, Linterna, 4, 30202 Cartagena, Murcia.

The project coordinator, Mr. Jurijs Dehtjars gave an introduction speech and summarized the aim and objectives of the meeting.

Mr. Marks Gorohovs presented the the main the aim, tasks, deliverables and activities to be carried out in frames of **Work Package No.5** “Digital Tools and Best Practices for Writing Scientific Reports, Articles and Theses in Biomedical Applications: Insights from the BIOMEDIX Project”.

Mr. Marks Gorohovs then focused participants on the **definition of case studies topics as well as the formation of inter-disciplinary & transdisciplinary teams**. Case studies and teams were decided to create in a form of a list with topics of BSc/MSc/PhD thesis topics with participants from the consortium.

The participants of the meeting discussed the *dissemination* of the project results. Mr. Filip Górski presented the list with possible journals to publish articles to.

It was decided to communicate with MDPI to create special issue (topic) on 3D printing in Biomedical Engineering, the main editor was decided to be Aleksandar Miltenović (NIS), who agreed via phone call. Mr. Filip Gorski and Jurijs Dehtjars initiated a discussion on upcoming scientific conferences in which project partners may participate to disseminate the results, Mr. Razvan Pacurar suggested the creation of a list with upcoming events with persons from the consortium planning to participate. Mr. Filip Gorski suggested creating a list of the papers in preparation, related to the project.

The participants moderated by Mr F. Gorski discussed the status of the eBook, it's structural adjustments. It was decided to arrange the next online meeting discussing the drafts of the chapters, March 7 2025 via MS Teams.

Mr. Marks Gorohovs presented the *project website* ([bini.rtu.lv/biomedix](http://bini.rtu.lv/biomedix)) and its structure. The necessary adjustments were discussed by participants. Mr. Joaquin Roca-Gonzalez suggested to change the logo of the project, Mr. Jurijs Dehtjars suggested to everyone to send variants and decide in 2 weeks. Mr. Razvan Pacurar suggested corrections on the Home page and Feedback Form. Registration and feedback forms are suggested to be done in Google Forms in the form of closed/open questions. The amount of disclosed information shown on the website was also discussed.

Mr. Marks Gorohovs and Mr. Jurijs Dehtjars then focused the discussions on *upcoming events*, i.e. Hackathon in Riga in April and Summer School in Poznan in July. Hackathon was agreed to be organized on 28 – 29 April with a remote session on April 22 aimed to arrange student groups. Mr. Joaquin Roca-Gonzalez suggested to deliver a lecture for students on generation of ideas. Mr. Razvan Pacurar suggested means of selecting students to be done by evaluating motivational letters. Mr. Nikola Vitković suggested definition of topics for Hackathon by consulting with hospital representatives, Mr. Jurijs Dehtjars suggested creation of list of topics by 28 of February.

### Summary of the decisions made by the Consortium meeting.

# #	Decision	Responsible person	Date to reach
1	The finalization of the practical cases (in a form of the table like: title of the case/keywords/partner preparing the case/article/deadline to reach)	Each partner one case (total 6 cases)	20.03.2025.
2	Feasibility analysis to publish project research and educational articles with the MDPI journal (special issue)	A. Miltenovic	20.03.2025
3	Development of the table of the journal where the project research results may be published. The table design is expected as: title of the journal /publisher/title of the article planned to publish/partner preparing the article/deadline to submit	F. Gorski	20.03.2025.

4	Plan to submit the research articles (via the table in item 3)	Each partner plans two articles	25.03.2025.
5	Plan to submit the educational articles (in a form of the table like: title of the journal /publisher/title of the article planned to publish/partner preparing the article/deadline to submit)	Each partner plans one article	25.03.2025.
6	The topic of Hackathon in Riga: “Human health served with CAD assisted 3D printing”	RTU	20.04.2025
7	The Hackathon structure: one remote session (22 Apr 2025.) + two sessions in person (28-29 April 2025).	RTU	20.04.2025.
8	Development of the publication Acknowledgement text	M. Gorohovs	25.02.2025.
9	Development of the version of the project logo emailed to the project administrator	Each partner	28.02.2025.

The formal Consortium meeting was concluded.

After the meeting, the participants attended the fabrication laboratory (FabLab) of Industrial Design and Scientific Calculation Service of the Polytechnic University of Cartagena. The tour around the facilities was conducted by Mr. Isidro Ibarra-Berrocal.

The partners participated in a tour around Cartagena, guided by Mr. Joaquin Roca-Gonzalez and attended the joint dinner having non-formal face-to-face discussions on the project.

Project Coordinator:

Mr. Yuri Dekhtyar

Project Administrator

Marks Gorohovs

**Annex I**

**Staff Training Event on Digital Transformation for  
Biomedical Engineering  
3-5 December, 2024  
Leuven, Belgium**

**Agenda and time table****13 Feb 2025**

<b>Time</b>	<b>Event</b>
9:30-9:45	<b>Introduction and aim of the meeting</b> <i>Yuri Dekhtyar</i>
9:45-10:05	<b>Progress of planned activities and deliverables for WP5.</b> <i>Presenter: Marks Gorohovs</i>
10:05-11:00	<b>Identification of practical cases and definition of interdisciplinary/transdisciplinary teams.</b> <i>Moderator: Marks Gorohovs/Razvan Pacurar</i>
11:00-11:30	<b>Break</b>
11:30-12:00	<b>Finalisation of the structure/contents of the e-Book.</b> <i>Moderator: Filip Gorski</i>
12:00-13:00	<b>Presentation of BIOMEDIX website (<a href="https://bini.rtu.lv/biomedix/">https://bini.rtu.lv/biomedix/</a>) and discussion to improve it.</b> <i>Presenter: Marks Gorohovs</i>
13:00-14:00	<b>Break for lunch</b>
14:00-15:00	<b>Dissemination plan, including publications</b> <i>Moderator: Marks Gorohovs, Filip Gorski</i>
15:00-16:30	<b>Further activities, including summer school (progress, recruiting, targeted students, teachers), project post events</b> <i>Moderator: Marks Gorohovs</i>
16:30-17:00	<b>Free mode discussion</b>