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# Aspects related to Project Management of the EMERALD

Transnational Project Meeting — PUT Poznan -day 1 - 30th of January 2023

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Technical University of Cluj-Napoca, Romania













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#### Content

- 1. Summary of midterm project results, setting up and clarifying goals of the meeting
- 2. Project management
  - Important aspects related to the interim report preparation and submission
- Collection of activity reporting by the coordinator: organization and calendar (timesheets, deadlines/milestones)
  - Collection of results of Intellectual Outputs and status of delivery
- 1. Intellectual Outputs status and summary of currently prepared deliverables













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1. Summary of midterm project results, setting up and clarifying goals of the meeting







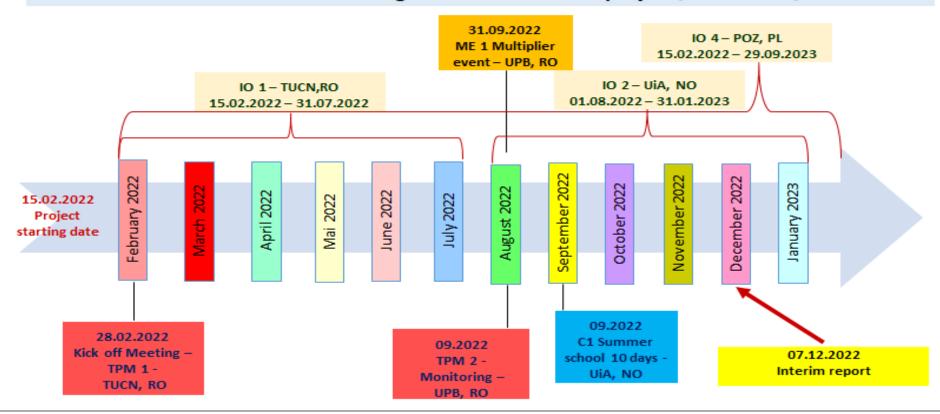






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#### EMERALD - Summarizing the Calendar of the project / deadlines / milestones















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**Interim report – deadline for submission is very short – 07 February 2023** 

In Poznan we have to clarify urgent in case of consortium as whole, the following aspects:

Intellectual ouputs (finalized / on-going)

-aspects related to IO1 – e-book – existing / missing courses – we have to post them on the EMERALD drive /website (urgent) in February (deadline was 31.07.2022)!
-aspects related to IO2 – toolkit manuals – (deadline of this IO is 31.01.2023 – this is the main aim to be disseminated to ME organized in Cluj-Napoca on 17.02.2023!
- aspects related to IO4 – dissemination (publications, dissemination plan, etc,)













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**Interim report – deadline for submission is very short – 07 February 2023** 

- In Poznan we have to clarify urgent in case of consortium as whole, the following aspects: reporting documents required to be fulfilled / delivered as the Agency is requiring it
  - -financial documents (timesheets, bills, financial balance, etc.)
  - -reporting documents for the organized activities (lists, certificates, reports posted on the EMERALD project drive/website, press release, minutes of the meetings, etc.
  - on 2022 we as the EMERALD consortium have organized -
    - 1 kick off meeting (Cluj) + 1 TPM meeting + 1 ME event (in Bucharest)
    - 1 summer school organized in Norway (in September 2022)













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**Interim report – deadline for submission is very short – 07 February 2023** 

In Poznan we have to clarify urgent in case of consortium as whole, the following aspects:

Intellectual ouputs – on-going in 2023

-aspects related to IO4 – dissemination (publications, dissemination plan, etc,) – with strong focus of reaching all KPIs stated in the proposal!!!

-aspects related to IO3 – led by BIZZCOM partners (teaching virtual platform with elements of VR/AR focused on mechatronics / 3D printing / people with amputated arms (elements included must be as stated in the proposal!) (starting on 01.02.2023)













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**Interim report – deadline for submission is very short – 07 February 2023** 

- In Poznan we have to clarify urgent in case of consortium as whole, the following aspects:

  Activities to be organized in 2023
  - TPM + ME + Staff for training activities all to be organized in Bucany by BIZZCOM (Slovakia)
  - Summer school to be organized at UiA Norway in September 2023

Project is ending in September 2023 – final report is expected to be delivered at the end of November 2023 (max)with all submitted documents ready and prepared for the audit





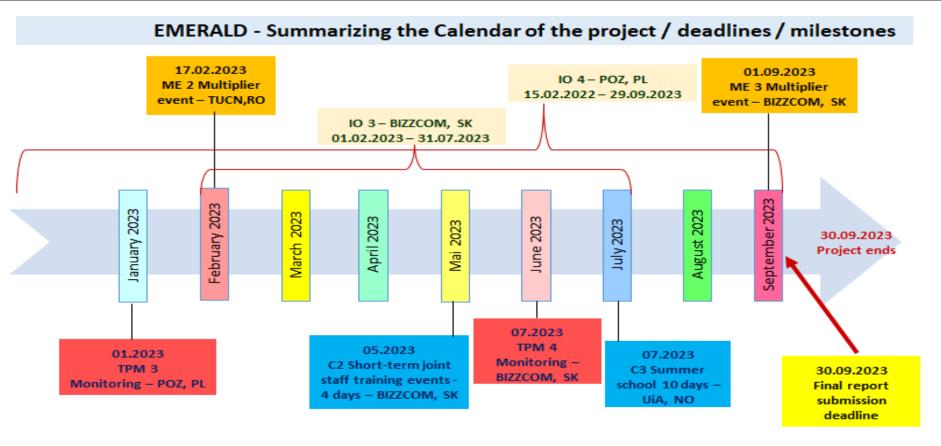








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This is the diagram with planned activities as stated in the proposal

-Some changes were discussed in Bucharest like organizing Summer school in Norway in September 2023 (not July)

-Constrains – ME activity
must be organized after
IO is ending / with the aim of
disseminating the results!













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#### Most important expected results (KPIs) of the project





104 - EMERALD e-case studies for project based learning method used in developing, testing and manufacturing of new biomimetic mechatronic systems by 3D printing technologies

#### **RESULTS (KPIs):**

- 4 case study reports
- 1 open access book
- 1 open access toolkit manual
- 4 academic / scientific papers (ISI with Impact factor) are expected to be delivered at the end and shared via a-platform of EMERALD project as good practice use for dissemination
- ✓ e-learning platform conceived by the EMERALD consortium is intended to be used finally as one powerful tool for attracting the major stakeholders in he field
  of bio-mechatronics /30 printing domains) to scale up the solutions to build one active an representative network for 30 printing of biomimetic mechatronic
  systems in Europe (EMERALD network)

#### DISSEMINATION:

- 1. Chapters that might be used by students for BSc projects / reports that emphasize the case studies and use of EMERALD resources in developing, producing or testing new types of biomimetic mechatronic systems by 30 printing (reports will be shared via the e-learning platform of EMERALD project in open-access mode in order to emphasize how EMERALD resources were used in sorting out real issues in close correlation with the persons with special needs I adapted for these case studies);
- Case studies developed, tested and made at this level will provide important feedbacks regarding the EMERALD resources and regarding the new biomimetic mechatronic systems developed for people with special needs.
- 3. Since topic of the EMERALD project and content is in the interest of SMEs and Medical Institutions, transfer of know-how from the universities engaged in the EMERALD consortium to stakeholders, as well as building strategic partnerships and applying for new EU projects is highly foreseen to be reached at dissemination level in the future as well.
- 4. patenting process of the solutions developed by the EMERALD consortium (patent submitting application)
- 5. Advertising is not for dissemination, but is needed for promoting of the consortium and events (logo of the project, advertising, web page, newspapers) etc.

Observation on behalf of the Agency – not individual publications / interactions between partners / in connection with Norway (how we bring support to UiA partner) and vice versa (how UiA brings support to all ofus!













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Realizing of the synergy with the ARMIN project which is needed to be provided in our project (UPB)

Input needed on behalf of UPB Role of the leaders of Intellectual Outputs. Important aspects that must be considered (as the Agency is specifically requiring it)



Input needed on behalf of UPB



Partners: UPB, National Institute of Microtechnolgy, Clinical Hospital of Floreasca, Medical Science Academy, Areus Technology, University of South-Eastern Norway, budget approx. 1.510.000 euro

The main objective of the project was to design and fabricate the command and control system of a neuroprosthesis that integrates the motion algorithms with the command and sensory signals. The sensorial feedback system is re-establishing the sensorial function of amputated arms and is able to achieve high precision movements when handling objects with the neuroprosthesis. To design and fabricate a set of regenerative neural bio-interfaces for selecting and stimulating (from ulnar and median nerves), the sensory axons considered being in charge with the transmission of tactile sensations from palm and fingers, before amputation has been developed. These bio-interfaces allow the tactile signals from the fingers and palms of the neuroprosthesis to be transmitted through these sensory axons. In this way the patient actually feels tactile feedback sensations when handling objects with neuroprosthesis. To mount a fully functional neuroprosthesis on the patient stump, it was needed to connected to the peripheral nervous system of the patient. For delivering the arm neuroprosthesis prototype (implanted in the patient stump and WiFi connected to the prosthesis hand), most of lost arm and hand functions were achieved by 3D printing.



Observation on behalf of the Agency – synergy with the project on which we have relied our application in the proposal 1 short report regarding synergy to this project to be prepared by UPB!

This results was realised with the EEA Financial Mechanism 2014-2021 financial support. Its content (text, photos, videos) does not reflect the official opinion of the Programme Operator, the National Contact Point and the Financial Mechanism Office. Responsibility for the information and views expressed therein lies entirely with the author(s)



SYNERGY











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#### 2. Project management

# Important aspects related to the interim report preparation and submission





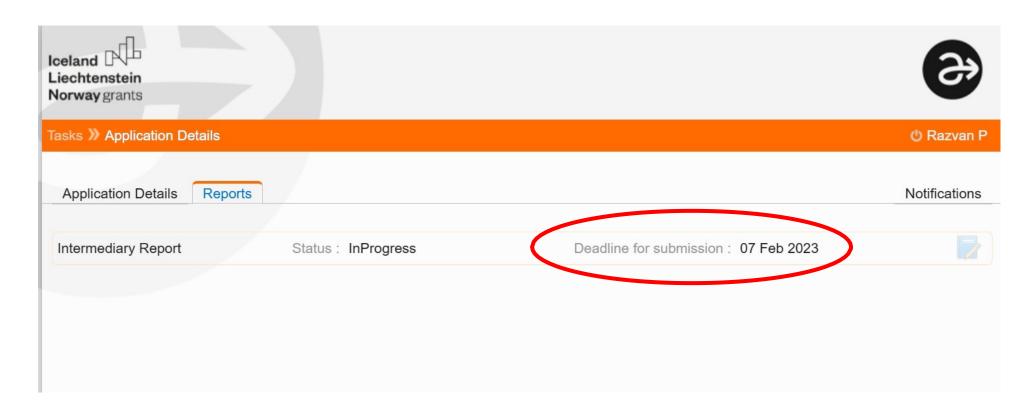








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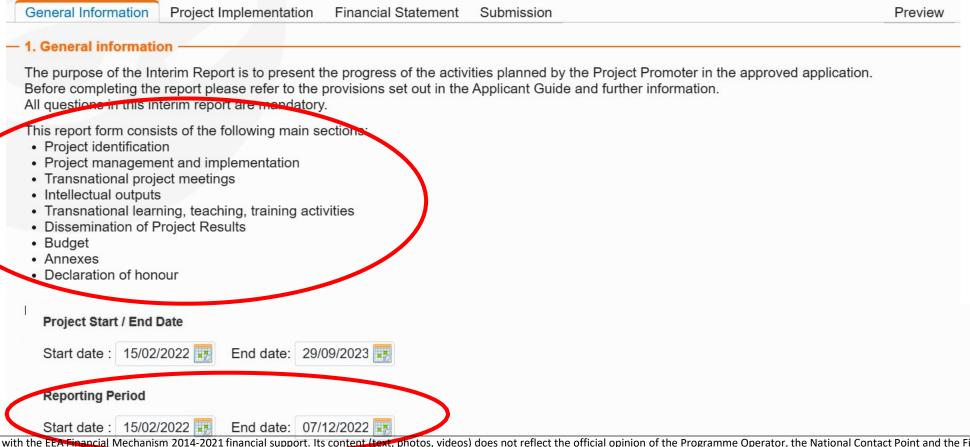








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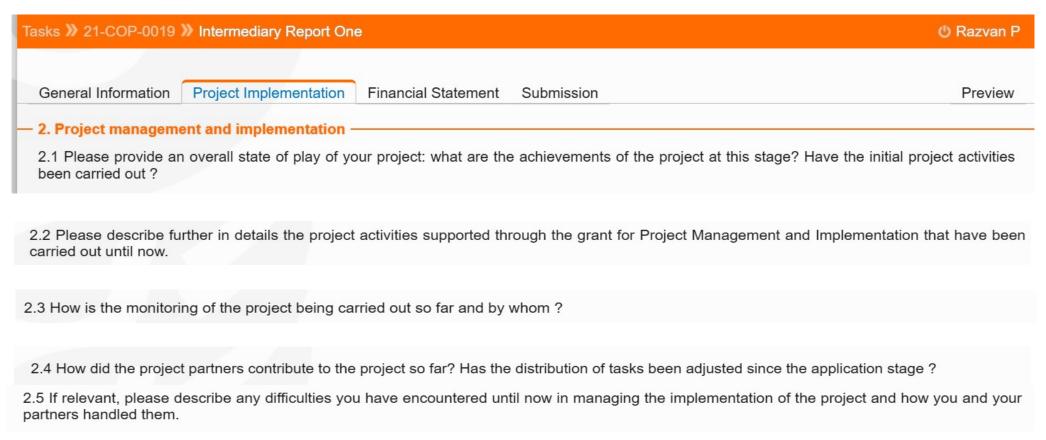








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#### 3. Transnational project meetings

Please describe the Transnational Project Meetings organized within your project.

add meeting

Note: For each meeting please describe into the dedicated meeting description field:

- What was the purpose of the transnational project meeting and who participated?
- Please elaborate on how this meeting served the purpose of project coordination and implementation
- In case there is a difference between what was planned and what was implemented, please explain why

#### 4. Intelectual outputs

If you have included Intellectual Outputs in your project, please describe what you have achieved so far.

Are these Intellectual Outputs being realised in line with the initial expectations and plans? If not, please describe why and what you will do to achieve your goals.

If relevant, please attach any supporting documents (work plans, charts, etc.) to illustrate in detail the progress made in the realisation of the Intellectual Outputs so far.

#### add intellectual output

Note: For each output please describe into the dedicated description field:

- Intellectual output realisation status
- · Activities carried out
- · Total number of working hours realised so far













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#### 5. Multiplier Events

If you have organized Multiplier Events in your project, please identify and describe them, also making the connection with the relevant Intellectual Outputs mentioned above.

#### add multiplier event

Note: For each multiplier event please mention:

- · Event code
- · Organization date
- Location
- · The objectives and results achieved

#### 6. Transnational learning, teaching or training activities

If you have organised learning, teaching or training activities in your project, please describe in which phase are these activities (organisational planning, programme planning, participant selection, implementation, follow-up, etc.) Are the activities in line with your plans? If not, please describe why.

add activity

#### - 7. Dissemination of Project results

Which activities have you planned in order to disseminate the project results in the future?

If your project has already achieved some of the expected results, have you started disseminating these results? If so, in what way?





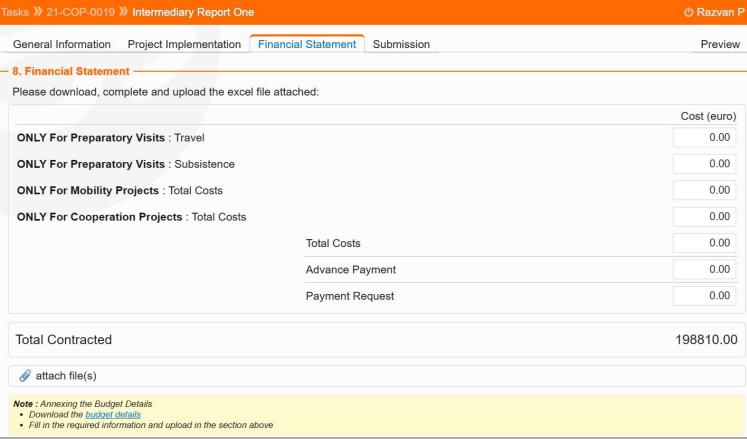








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<b>Norway</b> grants		
The Education, Scholarships, Apprenticeships and Youth Entrepreneurship Programme EEA Grants 2014-2021	Intermediary Report Declaration of expenditure	Cooperation Projects in Higher Education
Before completing this report please r	read carefully the financial regulations mention	ned in the grant agreement
Project implementation period (dd/mm/yyyy -dd/mm/yyyy)		
Project duration (months) - according to the grant agreeement		
Project prolongation (months) - according to the agreement amendament -if it is the case		
Agreement no		
Project title		
	C	Country
Project Promoter		
Project Partners		





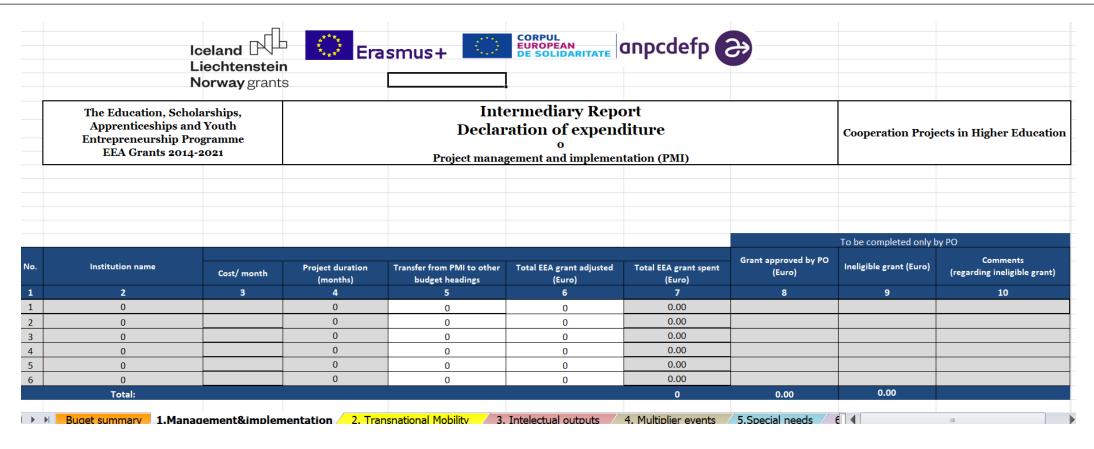








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e Education, Scholarship		hips and ats 2014-2	-	reneurship Progra	amme EEA	Decl		of expe	eport enditure illity activities				Cooperatio	n Projects i	n Higher E	ducation	,			
																			To be com	pleted only by PO
Participant name and surname	Type of mobility	SMI ST	Destination country	Place destination country	Sending country	Place sending institution	Distance band	Travel grant	Mobility start date (dd-mm-уууу)	Mobility end date (dd mm-yyyy)	Activity duration (days)		Total duration (incl. travel days)	Total individual support		adjusted	Total EEA grant spent (Euro)	Grant approved by PO (Euro)	Ineligib le grant (Euro)	Comments (regarding ineligibl grant)
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TPM
Bucharest
TU Cluj – 1 pers
instead of 2

Confirmations / changes in between categories of budget expenses – to be discussed with each individual partner during this meeting – we need this info for the report

Important change – we have declared 12 days for Summer School in Norway (2022) instead of 10 / 8 days will be declared in 2023 (instead of 10) – excluding traveling days





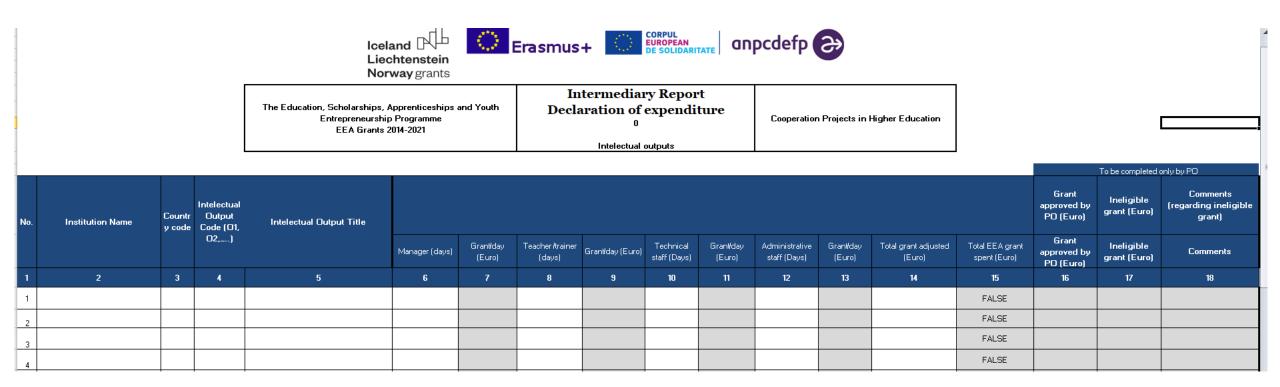








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Confirmations / changes in between categories of budget expenses – to be discussed with each individual partner during this meeting – we need this info for the report













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	Iceland Liechtenstein Norway grants		rasmus	+ 0	CORPUL EUROPEAN DE SOLIDA	RITATE OF	npcdefp	<b>*</b>					
	The Education, Scholarships, Apprenticeships Entrepreneurship Programme EEA Grants 2014-2021	and Youth		aration o	ary Repor of expendi o er Events		Cooperat	tion Projects in Hig	gher Education				
											To be completed only by PO		
Institution name (event organiser)	Event Title	Event code (M1, M2,)	Country of venue	No of local participants	Grant per local participant	No. of foreign participants	Grant per foreign participant	Total grant adjusted (Euro)	Total EEA grant spent (Euro)	Grant approved by PO (Euro)	Ineligible grant (Euro)	Comments (regarding ineligible grant)	
0	1	2	3	4	5	6	7	8	9	10	11	12	
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Confirmations / changes in between categories of budget expenses – to be discussed with each individual partner during this meeting – we need this info for the report

Important change – Multiplier event – UPB – 17 participants less than what was stated in the proposal (40 local participants)













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		Iceland Liechtenstein Norway grants	Erasmus-	. 0	CORPUL EUROPEAN DE SOLIDARITAT	anpcdefp	<b>3</b>			
	Entre	nolarships, Apprenticeships and Youth preneurship Programme EA Grants 2014-2021				ary Report f expenditure		Cooperation Higher E	Projects in ducation	
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Institution name	Acquisition title	Description	Acquisition procedure*	No of units	Cost per unit	Justifying document (invoice no/date,etc)	Total EEA grant spent (Euro)	Grant approved by PO (Euro)	Ineligible grant (Euro)	Comments (regarding ineligible grant)
0	1	2	3	4	5	6	7	8	9	10
							0.00			
							0.00			
							0.00			

Confirmations / changes in between categories of budget expenses – to be discussed with each individual partner during this meeting – we need this info for the report

We do not have allocated Exceptional costs in the proposal / acquisitions of equipment cannot be made / it cannot be created new category of budget if it was not initially created in the proposal













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General Information Project Implementation Financial Statement Submission	Preview
- 9. Annexes -	
Please note that all documents mentioned below need to be attached here before you submit your form onlin	ie.
Before submitting your report to the Programme Operator please check that:  • The Declaration of Honour is signed by the legal representative of the Project Promoter, scanned and atta  • All necessary information on your project have been encoded in the Budget file uploaded in this report  • The report form has been completed in English	ached to the interim report
10. Declaration of honour	
To be signed by the person legally authorised to enter into legally binding commitments on behalf of the applica	ant organisation.
I, the undersigned, certify that the information contained in this report form and its annexes is accurate and in a In particular the financial data provided corresponds with the activities actually realised and to the funds actually	
Ø attach file(s)	
Note: Annexing a Declaration of Honour  • Download the declaration of honour  • Print it, complete it and have it signed by the legal representative of your organisation  • Once signed, scan it and upload in the section above	













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3. Intellectual Outputs – status and summary of currently prepared deliverables













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#### Quick overview of the Intellectual outputs related to the EMERALD project

**UiA** 

**TUCN** 

3 out of 8 courses are missing

we need them for the interim report!!!

Contribution of **BIZZCOM** in IO1?

IO1 - EMERALD e-book for developing of biomimetic mechatronic systems

Start Date: 15 Feb 2022 End Date: 31 Jul 2022 Responsible: Technical University of Cluj-Napoca

The main aim of the IO1 is to provide the proposed CURRICULUM for increasing the application of research results in regenerative medicine, human-machine interfaces, advanced robotics, new paradigms in biomimetic mechatronic systems, etc. The curriculum comprise 8 MODULES.

Open access on the

platform?

Languages: English

Content?

Template?

Report?

_				
1	MODULES		RESPONSIBLES	
	1. Computer Aided Design (CAD)	~	PUT	Starting: <b>15.02.2022</b>
	2. Computer Aided Engineering (CAE)	~	TUCN	
	3. Computer Programming	X	UiA	
	4. Virtual Reality / Augmented Reality	<b>/</b>	PUT & BIZZCOM	
	5. Sensors and Electronics	~	UPB	
	6. Bio-Mechatronics	X	UiA	
	7. 3D printing and Rapid Tooling methods	X	TUCN	Deadline:
	8. Intelligent (smart) materials	~	UPB	31.07.2022

from the Technical team there will be nominated 1-2 responsible persons which will be in charge with one module and will need to provide course support for the particular module courses necessary for producing biomechatronic / biomimetic systems.

For each module according to the skills and competences of the EMERALD partners consortium,

Contribution of **BIZZCOM** in IO1?

This results was realised with the EEA Financial Mechanism 2014-2021 financial support. Its content (text, photos, videos) does not reflect the official opinion of the Programme Operator, the National Contact Point and the Financial Mechanism Office. Responsibility for the information and views expressed therein lies entirely with the author(s)













**TUCN** 

to be urgently prepared and sent to be uploaded on drive/ website



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Input related
to IO2
is needed
for ME
organized
at TUCN
on 17.02.2023

Contribution

of BIZZCOM

in IO2?

102 - EMERALD e-toolkit manual for digital learning in producing biomimetic mechatronic systems Start Date: 01 Aug 2022 End Date: 31 Jan 2023 Responsible: University of Agder The aims of the IO2: > to provide e-toolkit for teaching purposes > to provide the basics knowledge about the realizing of biomimetic mechatronic systems by 30 printing. > to provide the other preliminary and post processing steps that are required to be followed in terms of CAD modeling ➤ diploma project themes RESPONSIBLES Starting: Open Conceiving the concepts of biomimetic mechatronic systems / bio-mechatronic domain **UiA** 01.08.2022 access Providing details related to the designing solutions used for conceiving the biomimetic mechatronic **PUT &** on the systems done by PUT TUCN platform? Validation of the biomimetic mechatronic systems (solutions designed by CAD systems based on CAE TUCN done by TUCN analyses) Solutions related to the materials to be used for the realizing of the new developed biomimetic **UPB** ????? mechatronic systems Content? 3D printing and rapid tooling methods for the components to be realized for the new biomimetic **TUCN &** mechatronic done by UPB Deadline: **UPB & PUT** 31.01.2023 Template? will be prepared by PUT Desciption of assembling and programming of the systems UiA Aspects related to the set-up/functionality of the presented solutions/repeatability of the process /troubleshoot **BIZZCOM** and control; inputs regarding the methods of testing of these new biomimetic mechatronic systems by AR / VR Report? solutions of conceiving, realizing and materializing of different scenarios in AR/VR where the biomimetic mechatronic systems will be connected and used for therapeutically purposes by the persons with special needs For each module according to the skills and competences of the EMERALD partners consortium, from the Technical team there will be nominated 1-2 responsible persons which will be in charge with the module and will need to provide the module for the e-toolkit manual.

Oraft variants
of IO2
needed to be
uploaded
on drive
/ EMERALD
website
at the end of
February

Contribution of

BIZZCOM in IO2 –

AR / VR toolkit?

Testing?













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BIZZCOM/ all partners

Aspects stated in the proposal must be addressed

Plans / timelines / responsibilities / to be prepared by **BIZZCOM** 

Each partner role has to be clearly Identified / stated **Monitoring** 

#### Quick overview of the Intellectual outputs related to the EMERALD project

103 - EMERALD e-learning VR / AR platform for programming and using biomimetic mechatronic systems

Start Date: 01 Feb 2023 End Date: 31 Jul 2023

Responsible: BIZZCOM company

The aims of the IO3: ➤ the realization of a Virtual laboratory (e-learning) platform, that integrates VR / AR applications which can be accessed by professors and students

> Programming and realizing of different scenarios in VR / AR / Mixed Reality, conceiving of different applications that can be connected with AR / VR (applications that can be downloaded at home)

> Applications developed by professors and students will be uploaded on the EMERALD platform

Open
access
on the
platform?

Content?

Report?

RESPONSIBLES Designing of different scenarios, the programming of the biomimetic mechatronic systems **BIZZCOM Company** Starting: Preparing the e-library of the developed e-learning platform & aspects that are required to be followed **TUCN & PUT & UPB** 01.02.2023 by professors & students Hints & tips about regulations in modeling, selecting of the adequate materials, manufacturing solutions & assembling of such biomimetic mechatronic systems The project themes that are required for people with special needs & particularities of these types of UiA / all partners Logistics in terms of materials selecting, CAD, CAE, manufacturing & assembling of the new developed **TUCN & PUT & UPB** 31.07.2023 Potential stakeholders that are interested by the solutions developed by the EMERALD consortium BIZZCOM

For each room according to the skills and competences of the EMERALD partners consortium, from the Technical team there will be nominated 1-2 responsible persons which will be in charge with the virtual room and will need to provide the informations for the virtual room of the virtual laboratory.

This is one tool for teaching in 3D printing /bio-mechatronics, not promoting of institutions

> Platform must be ready to be tested by ME participants in Slovakia + participants of summer school in Norway

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Feedbacks and recommendations



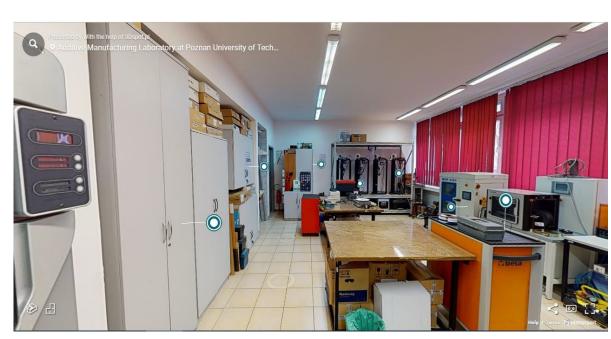






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Virtual platform (realized in a similar project) – rooms will be focused on 360 degrees presentations of each institution with AR/ VR elements integrated in it











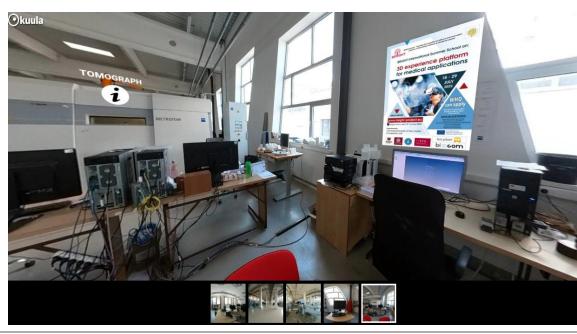






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Virtual platform (realized in a similar project) – rooms will be focused on 360 degrees presentations of each institution with AR/ VR elements integrated in it

















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Aspects stated in the proposal must be addressed

Dissemination plan clearly defined with integrating of all partners + responsibilities + monitoring + risk measuring is needed 104 - EMERALD e-case studies for project based learning method used in developing, testing and manufacturing of new biomimetic mechatronic systems by 3D printing technologies

> Start Date: 15 Feb 2022 End Date: 29 Sep 2023 Responsible: Poznan University of Technology

The main aim of the IO4: > the implementation of the communication and dissemination strategy for increasing awareness, understanding and engagement with users and target groups

➤ 4 CASE STUDIES of biomimetic mechatronic systems made by 30 printing for people with special needs.

Open access on the

platform?

Content?

Template?

Report?

RESPONSIBLES Designating of one person from each technical team of the EMERALD consortium as **UIA & TUCN & UPB& PUT** MENTOR for the students which will work on these topics. Selection of the 4 case studies PUT / all partners 3 different TEAMS comprising 5-7 students from different countries of the consortium all partners will start to work on the topic, starting from the CAD & CAE methods Validation of the solutions proposed by the students all partners **UPB & TUCN & PUT** Selection of the material and 3D printing process by the students **Programming tests & procedures UIA & BIZZCOM** Final feedback UiA

29.09.2023

Deadline:

Starting:

15.02.2022

All these have to be considered together with all KPIs

Local workshops organized with students / events / meetings with visiting professors / all kind actions are good (photos + mini reports are needed with links for interim / final report)

For each case study according to the skills and competences of the EMERALD partners consortium, from the Technical team there will be nominated 1-2 responsible persons. 3 different teams comprising 5-7 students from different countries of the consortium will start to work on the topic. Validation of the solutions proposed by the students will be made with the help of their mentor (responsible professor of the EMERALD consortium).













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Most important expected results (KPIs) of the project needed to be reached until end of September 2023





104 - EMERALD e-case studies for project based learning method used in developing, testing and manufacturing of new biomimetic mechatronic systems by 3D printing technologies

#### **RESULTS (KPIs):**

- 4 case study reports
- 1 open access book
- 1 open access toolkit manual
- √ 4 academic / scientific papers (ISI with Impact factor) are expected to be delivered at the end and shared via a-platform of EMERALD project as good practice
  use for dissemination.
- √ e-learning platform conceived by the EMERALD consortium is intended to be used finally as one powerful tool for attracting the major stakeholders in he field
  of bio-mechatronics /30 printing domains) to scale up the solutions to build one active an representative network for 30 printing of biomimetic mechatronic
  systems in Europe (EMERALD network)

#### DISSEMINATION:

- Chapters that might be used by students for BSc projects / reports that emphasize the case studies and use of EMERALD resources in
  developing, producing or testing new types of biomimetic mechatronic systems by 30 printing (reports will be shared via the e-learning
  platform of EMERALD project in open-access mode in order to emphasize how EMERALD resources were used in sorting out real issues in
  close correlation with the persons with special needs I adapted for these case studies);
- Case studies developed, tested and made at this level will provide important feedbacks regarding the EMERALD resources and regarding the new biomimetic mechatronic systems developed for people with special needs.
- 3. Since topic of the EMERALD project and content is in the interest of SMEs and Medical Institutions, transfer of know-how from the universities engaged in the EMERALD consortium to stakeholders, as well as building strategic partnerships and applying for new EU projects is highly foreseen to be reached at dissemination level in the future as well.
- 4. patenting process of the solutions developed by the EMERALD consortium (patent submitting application)
- 5. Advertising is not for dissemination, but is needed for promoting of the consortium and events (logo of the project, advertising, web page,

1 ISI paper with IF published by UPB in 2022

Do we have other papers published?

Open book? Open toolkit?

**Events?** 

Observation on behalf of the Agency – not individual publications / interactions between partners / in connection

with Norway (how we bring support to UiA partner) and vice versa (how UiA brings support to all of us)!

This results was realised with the EEA Financial Mechanism 2014-2021 financial support. Its content (text, photos, videos) does not reflect the official opinion of the Programme Operator, the National Contact Point and the Financial Mechanism Office.













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Most important expected results (KPIs) of the project needed to be reached until end of September 2023

Special Issue "Smart Materials, Intelligent Structures and Innovative Applications of 3D Printing and Bio-Printing Methods"

materials

- · Special Issue Editors
- · Special Issue Information
- Keywords
- Published Papers

A special issue of *Materials* (ISSN 1996-1944). This special issue belongs to the section "Manufacturing Processes and Systems".









#### **Special Issue Editors**

Dr. Razvan Ioan Pacurar E-Mail Website SciProfiles

Guest Editor

Department of Manufacturing Engineering, Faculty of Industrial Engineering, Robotics and Production Management, Technical University of Cluj-Napoca, 400114 Cluj-Napoca, Romania

Interests: additive manufacturing; 3D printing; bio-printing; rapid tooling; hybrid manufacturing; topological optimization; computer aided design; computer aided engineering



#### Dr. Filip Górski E-Mail Website SciProfiles

Guest Ealtor

Faculty of Mechanical Engineering and Management, Poznan University of Technology, 60-965 Poznań, Poland

Interests: CAD/CAM/CAE systems; reverse engineering; 3D printing; virtual reality Special Issues, Collections and Topics in MDPI journals



TUCN / UPT -Guest editors to MDPI Materials ISI journal – Q1 – ISI journal with IF 3.748







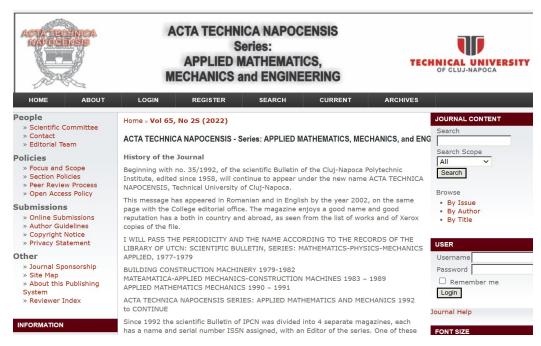






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#### SUBMISSION PREPARATION CHECKLIST

As part of the submission process, authors are required to check off their submission's compliance with all of the following items, and submissions may be returned to authors that do not adhere to these guidelines.

- 1. The submission has not been previously published, nor is it before another journal for consideration (or an explanation has been provided in Comments to the Editor).
- Starting with number 62/2, the maximum number of papers allowed as the first author is 3 per year and the maximum number of papers as coauthor 3 but not more than 2 papers per issue.
- 2. The submission file is in Microsoft Word, or PDF document file format.
- 3. Where available, URLs for the references have been provided.
- 4. The paper has to be written in English. Its contents should be structured in the following way: problem description, application field, research stages, methods used, results, further research, conclusions, and references like in this template. The paper has to offer the answers for the following questions: description of the problem, what is done by other people, what the authors did, what is new, what is
- 5. The text adheres to the stylistic and bibliographic requirements outlined in the Author Guidelines, which is found in About the Journal.
- 6. If submitting to a peer-reviewed section of the journal, the instructions in Ensuring a Blind Review have been followed.

#### JOURNAL INDEXED IN :







WorldCat Web of Science

#### Possibilities to publish ISI indexed papers in Acta Technica Napocensis journal (edited by TUCN)







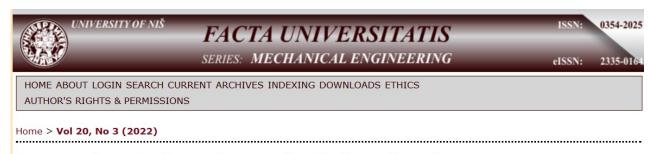






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#### Facta Universitatis, Series: Mechanical Engineering

Facta Universitatis, Series: Mechanical Engineering (FU Mech Eng) is an open access peer-reviewed international journal published by the University of Niš (Republic of Serbia). High quality, refereed papers are published three times a year. Papers reporting original theoretical and/or practice oriented research or extended versions of the already published conference papers are all welcome. The scope of the journal covers the whole spectrum of Mechanical Engineering. Papers for publication are selected through peer reviewing to ensure originality, relevance, and readability. In doing that, the objective is not only to keep the high quality of published papers, but also to provide a timely, thorough and balanced review process. Editor-in-Chief: Dragan Marinković

In order to create/register an account for submitting a paper, first time authors are to contact the Computer Support at mile@ni.ac.rs stating your first name, last name, affiliation with the link, and your email. We will then send you back an email with your login parameters. Once you receive your parameters from us you will then be able to log in and begin article submission.



#### Journal's Metrics

Impact Factor: 4.622

Journal Citation Reports (Clarivate, 2022):

26/137 (ENGINEERING, MECHANICAL)

Journal Citation Reports Quartile: Q1

SCOPUS CiteScore: 6.1

Web of Science

Possibilities to publish ISI indexed papers in Facta Universitatis – Mechanical Enginering journal (edited by the University of Nis, Serbia)







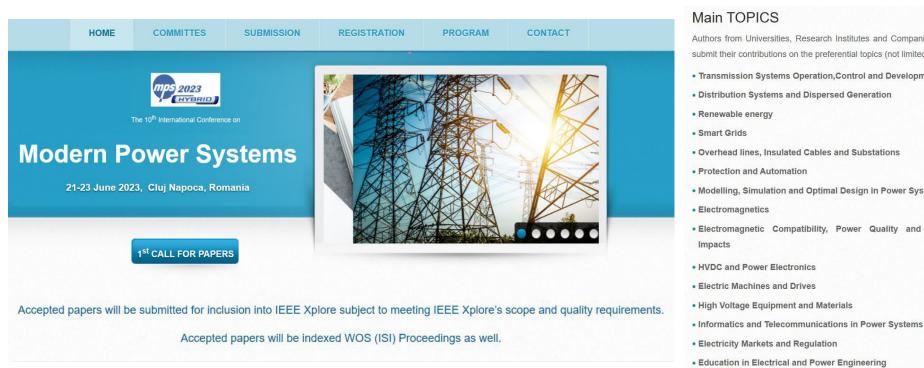






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Most important expected results (KPIs) of the project needed to be reached until end of September 2023



#### Main TOPICS Authors from Universities, Research Institutes and Companies are invited to submit their contributions on the preferential topics (not limited): Transmission Systems Operation, Control and Development Distribution Systems and Dispersed Generation Renewable energy Smart Grids Overhead lines, Insulated Cables and Substations Protection and Automation . Modelling, Simulation and Optimal Design in Power Systems Electromagnetics Electromagnetic Compatibility, Power Quality and Environmental Impacts HVDC and Power Electronics Electric Machines and Drives



Power & Energy Society'

IEEE PES ROMANIA

#### Organized IEEE conference at Faculty of Electrical Engineering -TUCN – 21-23 June 2023 – Cluj-Napoca / chairing of one section??









