

1.pielikums

Platformas “Biomedicīnas un fotonikas pētniecības platforma inovatīvu produktu radīšanai (BioPhoT)” pētniecības un inovāciju projektu konkursa nolikumam

The 1st STAGE
BioPhot Open Call Application form
Project No. IVPP-EM-Inovācija-2024/1-000

The application must be written in English. The highlighted explanatory text must be deleted.
Questions marked with (*) are mandatory.

1. INFORMATION ABOUT THE APPLICANT		
No.		
1.1.	First name, Last name*	
1.2.	Researchers ID (SCOPUS or ORCID)*	
1.4.	E-mail for correspondence*	
1.4.	Phone number*	
1.5.	Organisation represented*	

2. JUSTIFICATION FOR APPLICATION	
No.	
2.1.	<p>Compliance with Latvian Research and Innovation Strategy for Smart Specialization (RIS3¹) in the area of *:</p> <p><input type="checkbox"/> Biomedicine, medical technologies and bio-pharmacy; <input type="checkbox"/> Photonics, smart materials, technologies and engineering systems;</p> <p><i>How your application complies with selected RIS3 area(s), if not, then "N/a" must be indicated (max. 250 characters).</i></p>

3. PROJECT DESCRIPTION	
Nr.	Norādāmā informācija
3.1.	<p>Project Title*</p> <p><i>Your project will be identified by this title (max. 100 characters)</i></p>
3.2.	<p>Project Acronym*</p> <p><i>Please enter the short acronym of the Project Title (max. 30 characters).</i></p>
3.3	<p>Short project description*²</p> <p><i>Explain your project in one paragraph. What is the innovation and how you see not only its market/application implementation but also the potential of shared gains for the entire ecosystem (society, economy, business, science) impacted by your project (max. 250 characters).</i></p>
3.4	Problem description*

¹ More information about specific RIS3 specialisation field and specific challenges available under point 3.1.1 here: <https://likumi.lv/ta/id/321037-par-nacionalas-industrialas-politikas-pamatnostadnem-20212027-gadam>

² Project short description will be made publicly available. Do not include any confidential information.

	<i>Explain what real life problem(s) your technology/ innovation will solve. Provide justification of how do you know that it is a real problem and how important it is or might be in the future? Identify who are the potential end-users and what pains /challenges they face and what needs they currently have. (max. 250 characters).</i>																																				
3.5	Your solution* <i>Explain what is your solution / technology / innovation and how it can potentially solve the problem(s) described 3.4. State what is superior/unique/ innovative in your approach compared to existing solutions or state of the art research. Identify your current TRL. Mention previous implemented projects, patents or publications related to your solution (max. 500 characters).</i>																																				
3.6	Team* <i>Team is the key to success. Explain and justify the selection of the key team members involved and strengths of organisations they represent. Explain shortly their roles and relevant expertise for project. Individual proposals will not be accepted.</i> Project Leader - Researcher - Business developer- <i>If certain expertise/roles are missing explain how you will compensate them during implementation of the project. (max. 500 characters)</i>																																				
3.7.	Market potential* <i>Briefly describe the target market (show numbers how big/small is it), are there any significant entry barriers, who is potential customer (remember that end-user is not always the customer), and why you think they will pay for your future product or service, show existing demand, if possible (max. 250 characters). Remember - patient treatment/diagnostic methods are fully eligible, although they don't possess straightforward market potential.</i>																																				
3.8.	Commercialisation strategy: scalability and implementation ^{*3} <i>Describe your potential commercialisation & go-to-market strategy. Including intellectual property protection plan/strategy. Show your vision of potential implementation of your innovation into daily human lives in the future (max. 500 characters). Remember - patient treatment/diagnostic methods are fully eligible, although they will not be commercialized in a standard way.</i>																																				
3.9.	Environmental, social and economical impact* <i>Shortly explain the project's environmental, social and economic impacts to contribute to sustainable development, Green Deal, substantial positive impact for European citizens (European Dimension), and other European policies. Give a simple example. (max. 250 characters).</i>																																				
3.10.	Planned Tasks and Outcomes* <i>It is mandatory to use the proposed table format below and fill-in the planned tasks and their expected outcomes/results for 12 months project divided by quarters. The pre-filled text is for example only. You shall add / remove any information as necessary. This is only indicative plan.</i>																																				
	<table border="1"> <thead> <tr> <th>Task name</th> <th>Q1</th> <th>Q2</th> <th>Q3</th> <th>Q4</th> <th>Outcome/Result</th> </tr> </thead> <tbody> <tr> <td>Market/applicability research</td> <td>X</td> <td>X</td> <td></td> <td></td> <td>Identified industry and niche/ validated customer problems</td> </tr> <tr> <td>State of the art research</td> <td></td> <td>X</td> <td></td> <td></td> <td>Unique diferentiation verified. IP basis developed</td> </tr> <tr> <td>Prototype development</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>Low-level TR3 prototype developed. Submitted patent application</td> </tr> <tr> <td>Marketing and PR activities</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>Visited X industry events</td> </tr> <tr> <td>Further project strategy</td> <td></td> <td></td> <td></td> <td>X</td> <td>Developed plan for further R&D and financing</td> </tr> </tbody> </table>	Task name	Q1	Q2	Q3	Q4	Outcome/Result	Market/applicability research	X	X			Identified industry and niche/ validated customer problems	State of the art research		X			Unique diferentiation verified. IP basis developed	Prototype development		X	X	X	Low-level TR3 prototype developed. Submitted patent application	Marketing and PR activities			X	X	Visited X industry events	Further project strategy				X	Developed plan for further R&D and financing
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Further project strategy				X	Developed plan for further R&D and financing																																
3.11.	Project Budget*																																				

³ For biomedical technologies this includes also publication of treatment methodology.

It is mandatory to keep the proposed table format below. Task names and Outcome/Results shall coincide with these from section 3.10. Please fill-in the planned budget (use only round numbers) for each task during 12 months project divided by quarters. The pre-filled text and numbers are for example only. You shall add your own numbers here.

This is only indicative budget to demonstrate to industry panel jury your understanding of what cost positions you have considered. In full proposal you will have to write detailed budget and it can differentiate from this budget version as long as the total costs do not change.

Task name	Q1	Q2	Q3	Q4	Outcome/Result
Market & customer research	20000	20000			Identified industry and niche/ validated customer problems & needs
State of the art research		20000			Unique differentiation verified. IP basis developed
Prototype development		10000	40000	40000	Low-level(TR3) prototype developed. Submitted patent application
Marketing and PR activities			20000	20000	Visited X industry events / meeting X stakeholders
Further project strategy				10000	Developed plan for further R&D and financing
TOTAL:	200'000 EUR				

4. ANNEXES

Nr.	
4.1.	CV of the project leader*
4.2.	<i>If necessary, the applicant shall indicate and attach other important information as additional annexes to the application or delete this line.</i>

Acknowledgments*:

- I confirm that I qualify as a researcher according to the Law on Scientific Activity.
- I confirm that I officially represent research organisation that is registered in scientific institutions register at <https://sciencelatvia.gov.lv/>.
- I confirm that I am not a sanctioned person nor have Russian or Belorussian citizenship.
- I confirm that the expenses and costs foreseen in the project will not be subject to double financing.

By signing this application, I certify that all information provided is complete and true. During the application process, I undertake to inform the BioPhot project team of any changes to the information provided.

The PIP leader

Name, Surname _____

Title _____

The applicant (organisation)

Name, Surname _____

Title _____

The document is signed with a secure electronic signature and contains a time stamp.