



OPEN CALL FOR SMEs FROM AUTOMOTIVE OR ELECTRONIC SECTOR

TO BE INCLUDED IN THE PILOT PROJECT FOR TESTING INNOHPC LAB

Introduction

The InnoHPC project is funded under INTERREG Danube Transnational Cooperation Programme, supported by European Union funds (ERDF, IPA), and co-funded by the project partners or from national public co-funding and state contributions. The main objective of InnoHPC is to create transnational HPC laboratory for co-designing knowledge-intensive innovative products with high value-added in transnational value-chains.

InnoHPC targets small and medium enterprises (SMEs) and clusters, providing the opportunity to increase efficiency of innovations and join transnational value-chains in the Danube region. Higher education and research institutions with HPC will get access to exciting real-life cases and opportunities to exploit their entrepreneurial potential. Policy-makers and business support organizations will receive a valuable institutional support for their policies and initiatives.

More detailed information about the InnoHPC project can be found here:

<http://www.interreg-danube.eu/approved-projects/innohpc>

Purpose of the Call

The main purpose of this Open Call is to engage SMEs from electronic and automotive industry in newly established platform – InnoHPC Lab. Participating at the InnoHPC Lab will enable SMEs to establish communication with relevant HPC providers who have the knowledge to resolve selected project problems. SMEs will be offered guidance and advice on how to proceed their operation/project resolution on the basis on proposed problem.

Therefore, in total 12 SMEs will be selected (6 from automotive and 6 from electronic industry) to:

- participate at testing the InnoHPC Lab (how to get engaged and benefits arising from participation)

- receive basic knowledge about possibilities and opportunities that HPC can offer to them

Selected SMEs will get the opportunity to elaborate and seek possible solutions to exposed business challenges. Individual proposals for the next steps will be developed in cooperation with InnoHPC project partners (also members of InnoHPC Lab)

Based on the outcomes of the training activities we will select 2 SMEs out of the participating 12 SMEs (one from each sector) and provide them further HPC consulting, together with access to necessary software and hardware equipment to do testing in real HPC environment.

Examples of such projects (business challenges):

- Analysis of big data coming from business processes;
- Simulations based on advanced numerical methods like multibody simulation, computational fluid dynamics, finite element method;
- Simulation and optimization of business processes;

The location of training will be determined on basis of the selected participants.

Eligibility

The call is open for any SME (reference to definition of SME is needed) that is active (has a headquarter) in Danube region (Austria, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Hungary, Moldova, Montenegro, Romania, Serbia, Slovakia, Slovenia and Ukraine) and is coming from electronic or automotive industry.

How to apply

- Submit web application describing a business challenge that has potential for benefiting from HPC
- Follow the [LINK](#) or follow the official web site of the project.

The candidates who apply to this Call will be assessed based on the following criteria:

- relevance;
- quality of application;
- feasibility of the project – can InnoHPC lab partners help;
- pilot projects should be regionally spread;
- experience of SME in HPC (less experience is better for the pilot project)

Submission of application

The Call is open and active from 17 September 2018 to 17 October 2018, 17:00 CET.

Follow the [LINK](#) or follow the official [web site of the project](#).