

CALL ANNOUNCEMENT

Call title:	1 st Technology Transfer Experiments Open Call for Innovative Laser-based Solutions
Full name of the EU funded project:	Fostering the PAN-European infrastructure for empowering SMEs digital competences in laser-based advanced and additive manufacturing.
Project acronym:	PULSATE
Grant agreement number:	951998
Call publication date:	February 8, 2021
Call deadline:	April 22, 2021
Total EU funds allocated to 3 rd parties:	€4.07M
Maximum funding request per experiment:	Up to €150.000
Expected duration of the activities (i.e. PULSATE Support Programme):	13 months
Number of proposals to be funded:	10
Submission & evaluation process:	<p>Submission through the application form available on: https://pulsate-tte.fundingbox.com/</p> <p>The selection of the open call proposals will be carried out in a five step process. Step one will check the proposals against eligibility criteria. Step two will involve external evaluation to assess the proposal according to the criteria. Step three will involve the PULSATE consortium to prioritise the proposals based on the external evaluation results and the objectives of the PULSATE project. Finally, Jury Day will be organised where finalists will present their experiments to Jury. For further information see the Guide of Applicants section 5.</p>
Further information:	<p>OC website: https://pulsate-tte.fundingbox.com/</p> <p>OC helpdesk email: pulsate.help@fundingbox.com</p> <p>Project website: https://pulsate.eu/</p>
Applicants & consortium eligibility:	<p>The Technology Transfer Experiments have to be proposed by a Consortium including minimum 2 SMEs and/or slightly bigger companies acting as Technology Provider and at least one Manufacturing Company (end user).</p> <p>TTE experiments have to address experimentation areas:</p> <ol style="list-style-type: none"> i. Laser equipment integration, interoperability and robust automation, ii. Technology for cost effective laser-based manufacturing, iii. First part right and zero-defect laser-based production, iv. Flexible technology for small to large batches;

v. From CAD to PLM: data integration and flow

Proposals should address technologies which are currently assumed from TRL5 to TRL7

ABOUT PULSATE

PULSATE emerges as an initiative to promote a Pan-European Network designed to boost the adoption of LBAAM manufacturing technologies through the uptake of advanced digital tools, reaching the European SMEs and slightly bigger companies by means of a Digital Agora (DA) that works as a Single-Entry Point (SEP).

The PULSATE project will select 10 Technology Transfer Experiments (TTEs) during the 1st Open Calls. Applicants of this Open Call should address the development and implementation of technology and systems applicable to laser-based equipment for Advanced and Additive Manufacturing market, within the following areas of experimentation:

- Laser equipment integration, interoperability and robust automation,
- Technology for cost effective laser-based manufacturing,
- First part right and zero-defect laser-based production,
- Flexible technology for small to large batches;
- From CAD to PLM: data integration and flow

Selected TTEs will become part of the 13-month PULSATE Support Programme during which PULSATE partners will offer a full set of technical and business mentoring services to scale up the experiments.

The main results achieved from the execution of the experiments will include the development of innovative laser-based equipment, processes, ancillary equipment and software, looking for solutions particularly adapted to flexible production environments, typical in SMEs, and the digital tools which improve the productivity, flexibility and traceability, lowering the entry barriers.

The main benefit for each participant of the experiment will be:

- For the supplier: a new product ready for the manufacturing sector needs
- For the end-user: the validation of a prototype system applied to its specific operational environment

On top of that, each experiment will be funded with a grant of up to 150,000 EUR.