L4MS Open Call

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L4MS is about...

Automated In-Factory Logistics

Automated Guided Vehicles (AGV)
Why L4MS?

Help SMEs & MID Caps in implementing new, smarter intra-factory logistics solutions.

Reduce the installation cost and implementation time of mobile robots by a factor of 10.
How L4MS achieves this?

MARKETPLACE

REAL FACTORY

OPIL (IoT platform)

DIGITAL FACTORY
Open Call

Main concept
Our offering

- **Funding & Testing**
  - Up to €250K equity free per consortium
  - Testing facilities
  - Channels to venture capital for up-scaling

- **Design support**
  - Support design of AGV systems
  - Support business case creation
  - Support digitalization of logistic chains

- **Digital Twin integration**
  - Create factory simulations
  - Evaluate AGV solutions
  - Test production control rules

- **OPIL Integration**
  - Enable connection AGV, sensors, people, ERP & MES
  - Enable connection AGV to task planning software
  - Near plug & play functionality

- **Trainings**
  - Company direction of technology opportunity
  - Managers in system implementation
  - Engineers on operational aspects
Project examples
Company A

Case:
• Does not have AGVs
• Interested in exploring this option

Money used for:
• Support for creating AGV solution proposal
• Simulations of plant with integrated AGVs
• Support for business plan for feasibility analysis
• Support for getting funding for implementation
Company B

Case:
• Has AGVs
• Interested in improving quality, flexibility, agility.

Money for:
• Make plant simulations with integrated AGVs
• Get IT support to attach AGVs to OPIL
• Test task planning software
• Test track & trace functionality
• Create & test monitoring cockpits
OR Combination of both cases

Improving quality, agility, flexibility

Enable continuous adaptation and reconfiguration of logistic system with low effort

Simulations with new AGVs
Open Call

Eligibility Criteria
Applicants

• Combinations of:
  • Manufacturing SMEs or Midcaps
  • System Integrators (ICT or Manufacturing equipment)
  • Technology supplier or AGV Manufacturer
  • Research organization (CC, DIH, University)

• Consortia applications:
  • Submitted by any of these entities
  • At least one manufacturing SMEs/Midcap included

• Individual applications:
  • Submitted by any entity
  • L4MS organizes brokerage services to create consortia
  • https://l4ms-registration.fundingbox.com/

Max 3 partners & at least 1 SME ///////// Single submission per entity!
Eligible countries

• EU members
• Overseas Countries and Territories (OCT) linked to the Member States of the European Union
• Countries Associated to Horizon 2020
Funding specifications

• Funding up to €250,000 per consortium - up to €100,000 per party

• Funding not awarded to individual legal entities that have already received more than 100,000 Euro via open calls (FSTP) from H2020 I4MS and SAE projects

• No separate file with budget estimations is required
Funding specifications

• Required information:
  • Resources to be used (demonstrate the quality and effectiveness of the resources assigned in order to get the objectives/deliverables proposed)
  • Requested amount of support from L4MS in Euros

• The proposals should make an overall estimation of the project costs considering:
  • Personnel
  • Other costs: travel, equipment, other goods and services.
What you CAN´T fund

• The same cost twice (i.e. was previously funded with another EU project)

• Cost that are not related to the project

• Purchased of commercial equipment (i.e. AGVs that will be used in your logistics premises for business purpose)
Other criteria

• Show that planning and/or execution costs are reduced
• Show alignment with L4MS objectives
• Most ambitious projects will get funded
• English language only
• Mandatory submission tool at www.l4ms.eu
Open Call
The proposal
Where to begin...

1. l4ms.eu

2. FAQ, Guide for applicants
<table>
<thead>
<tr>
<th>Question</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Legal and contact info*</td>
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<tr>
<td>2</td>
<td>LEGAL INFORMATION</td>
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<tr>
<td>3</td>
<td>Legal and contact info - Partner 1*</td>
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<td>4</td>
<td>Legal and contact info - Partner 2*</td>
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<td>5</td>
<td>Legal and contact info - Additional Partners</td>
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<td>6</td>
<td>Application experiment information*</td>
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<td>7</td>
<td>APPLICATION EXPERIMENT - EXCELLENCE*</td>
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<td>8</td>
<td>APPLICATION EXPERIMENT - IMPACT*</td>
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<td>9</td>
<td>APPLICATION EXPERIMENT - IMPLEMENTATION*</td>
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<td>10</td>
<td>APPLICATION EXPERIMENT - TRANSVERSAL CRITERIA*</td>
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<tr>
<td>11</td>
<td>Statistical section</td>
</tr>
<tr>
<td>12</td>
<td>Declaration of honour*</td>
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<td>13</td>
<td>Processing of personal data*</td>
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</tbody>
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- **3 questions**
- **12k characters = 3.5 pages max**
- **3 questions**
- **12k characters = 3.5 pages max**
- **4 questions**
- **16k characters = 4.5 pages max**
Part 1: Excellence

Objective & use case
Use Case description, incl. current situation & challenges, proposed solution & benefits

Approach & Ambition
How the project goes beyond the State Of the Art?
What’s the innovative approach behind it, e.g. ground-breaking objectives, novel concepts, new products or services?

Innovation aspect
What is the level of innovation within your market?
What is the degree of differentiation that this experiment will bring to your organization
### Part 2: Impact

<table>
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<tr>
<th>Market opportunity, commercial strategy, scalability</th>
<th>Value Proposition &amp; Competition</th>
<th>Complementarity to other funds</th>
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<tr>
<td>Market potential of the proposed product/services</td>
<td>Value for the L4MS project and OPIL (e.g. in terms of platform validation in new applications, extension of OPIL functionalities, interoperability with new software &amp; hardware etc.)</td>
<td>Experiments that bring a commitment of their National or Regional Authority to complement them with ESIF or other regional or national fund, will be prioritized</td>
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Part 3: Implementation

**Work plan:**
- List and timing of tasks
- Deliverables
- Milestones
- Risks and mitigation plans

**Team:**
- Members of project and roles
- Profiles

**Resource distribution:**
- Demonstrate that distribution is most adequate

**KPIs:**
- Measurement of the success
Transversal criteria

- Environmental and low carbon economy contribution
- Equal opportunities
- Social impact
Call to action

Deadline: November 30, 2019 (13:00 CET)

Help needed?
Just send you questions to:
helpdesk@l4ms.eu

Individual applicant?
https://l4ms-registration.fundingbox.com/
Time for questions

Thank you

Send your proposal using this link!
https://www.l4ms.eu/l
L4MS network

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