RobMoSys's main goal is to create and consolidate an EU Digital Industrial Platform for Robotics to establish a common methodology for model-based software development. In doing so, we will improve tools and foster interoperability by model interchange and composability. The Open Calls for contributions to RobMoSys is one of the means implemented to achieve this goal.

**Focus of Call 2**

**Industry-Driven Ecosystem.**
RobMoSys defines a model-based ecosystem of assets and services to help the robotics industry improve their software/system engineering practice. We are looking for proposals joining us in our effort to create this ecosystem and to demonstrate your success story with real industrial use cases.

**Towards a Strong RobMoSys Community.**
We call for expert groups willing to be coached by members of the RobMoSys core consortium in order to implement the RobMoSys concepts. Successful applicants must be ready to advance the RobMoSys way of thinking, and to go for real world examples in line with the RobMoSys industrial pilots (developed by the RobMoSys core consortium).

**Facts & Figures**

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<th>Instrument</th>
<th># 1: Fast Adoption</th>
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<td>Call for</td>
<td>proposals</td>
<td>proposals</td>
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<td>tender</td>
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<tr>
<td>Runtime</td>
<td>6 months</td>
<td>12 months</td>
<td>6 months</td>
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<td>Total indicative budget</td>
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<td>€200.000</td>
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<td>Max. funding per proposal</td>
<td>€60.000</td>
<td>€300.000</td>
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<td>Cut off dates</td>
<td>30th April 2019</td>
<td>30th April 2019</td>
<td>30th April 2019</td>
<td>30th October 2019</td>
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www.robmosys.eu
The second call for proposals / tender in RobMoSys embraces 4 different Instruments.

An instrument is a type of RobMoSys third-party contract characterized by a profile of contributions, a funding scheme, distinctive expected results and hence different evaluation criteria.

**FAST ADOPTION**

RobMoSys wants to boost a fast adoption of the RobMoSys approach in industry. This Instrument focuses on SMEs and small teams in large industrial companies, target groups ranging from software component suppliers to robotics system builders.

The funded projects must develop RobMoSys-conformant pilots (industrial case studies) based on existing assets (software and tools from the RobMoSys ecosystem), or provide software components conformant to the RobMoSys pilots.

**ECOSYSTEM CHALLENGES**

This instrument aims at strengthening the RobMoSys ecosystem with in-depth developments on the RobMoSys baseline (models, tools, components, architectural patterns).

Submissions must fit one or more of the following technical topics:

- **Topic 1:** ROS 2 and Model-Driven Software Development
- **Topic 2:** Functional composition inside components
- **Topic 3:** System level composition / safety
- **Topic 4:** System level predictability of properties, Navigation
- **Topic 5:** System level predictability of properties, Manipulation
- **Topic 6:** OPC UA Robotics
- **Topic 7:** Open topic

**INNOVATION EXPERT INTAKE**

We are looking for proposals from legal entities offering expert services in order to push innovation and strengthen the RobMoSys community.

Applications can focus on supporting the RobMoSys Academy or the RobMoSys technology.

Herewith, experts must be willing to familiarize themselves with the RobMoSys approach, actively participate in technical workshops, meet with RobMoSys partners in their labs, contribute to the RobMoSys community building, or get involved in specific ITP (Integrated Technical project).

**MEDIA PRODUCTION OF ACADEMY SHOWCASES**

The goal is to support the media production of showcases as well as the education activities within the RobMoSys Academy.

We are looking to contract ONE organization to provide media snippets.

The rest of the budget will be spent on the production of educational topics, to enrich the RobMoSys Academy with training programs, webinars, flipped classroom content, and the like.

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**Contact Information**

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[@RobMoSys](https://twitter.com/RobMoSys) - [RobMoSys](https://www.linkedin.com/company/robmosys)

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