



RobMoSys

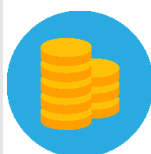
Composable Models and Software for Robotics Systems

Third Party Funding Opportunities

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.

CALL BASICS

Call identifier: RobMoSys-SROC
Call title: Second RobMoSys Open Call
Total budget: €2.550.000
Submission language: English
Call Opening: 1st February 2019



CALL 2

Calling for 4 different Instruments
Submission deadline, expected duration and maximum funding request per proposal: see on reverse
Submission platform:
opencalls.robmosys.eu/all_calls

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).

www.robmosys.eu

Facts & Figures

Instrument	# 1: Fast Adoption	# 2: Ecosystem Challenges	# 3: Innovation Expert Intake	# 4: Media Production
Call for	proposals	proposals	proposals	tender
Runtime	6 months	12 months	6 months	6 months
Total indicative budget	€500.000	€1.600.000	€200.000	€250.000
Max. funding per proposal	€60.000	€300.000	€20.000	€50.000
Cut off dates	30 th April 2019 30 th October 2019	30 th April 2019	30 th April 2019 30 th October 2019	30 th April 2019 30 th October 2019

What we are looking for

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.

1

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.

2

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

3

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).

4

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**.

Contact Information

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The RobMoSys project is co-funded from the European Union's Horizon 2020 research and innovation programme under grant agreement No 732410, foresees as an eligible activity the provision of **financial support to third parties**.