

RobMoSys

composable models and software for robotics systems



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HORIZON 2020 project nº 732410
Innovation Action on systems development technology

www.robmosys.eu

The project ID



- RobMoSys: Composable Models and Software for Robotic Systems
- In response to H2020 Project ICT-26-TOPIC: System abilities, development and pilot installations
- SubTopic c: Innovation Action on systems development technology.

The "System development tools" sub-call

- Start Date 01/01/2017
- End Date 31/12/2020
- Duration 4 Years
- Budget 8M, where 4 M for Open-Calls
- Web Site http://robmosys.eu/

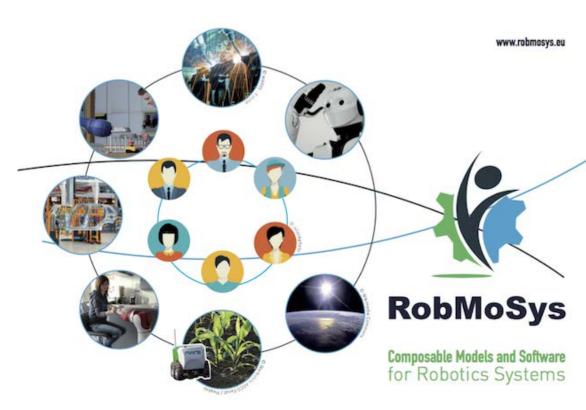
AMBITION



RobMoSys will coordinate the whole community's best and consorted efforts to realize a step-change towards an industry-grade software development European ecosystem

- open
- sustainable
- industrial quality

RobMoSys part of the effort on Digital Industrial Platforms for Robotics





















APPROACH



Model-driven engineering as key enabler for

- complex software and system integration
- high-quality standards compliance

Expected results

- repository of formal models for robotics
- tooling for correct-by-construction composition and code generation
- open-source software and tools "track"

Community Involvement

- Workshops Series for fast feedback from the community: 1° today at ERF 16.15 17.45!
- Open Calls (better tools, models and software)





















IMPACT



Professionalization of software development in robotics

Improvement of product and service quality at reduced development costs

The further **commoditization** of basic robotics **software**, **models** and **advanced modeling tools**

Grow the potential market of **new-generation** robotics systems



















