RobMoSys

RobMoSys
Composable models and software for robotic systems

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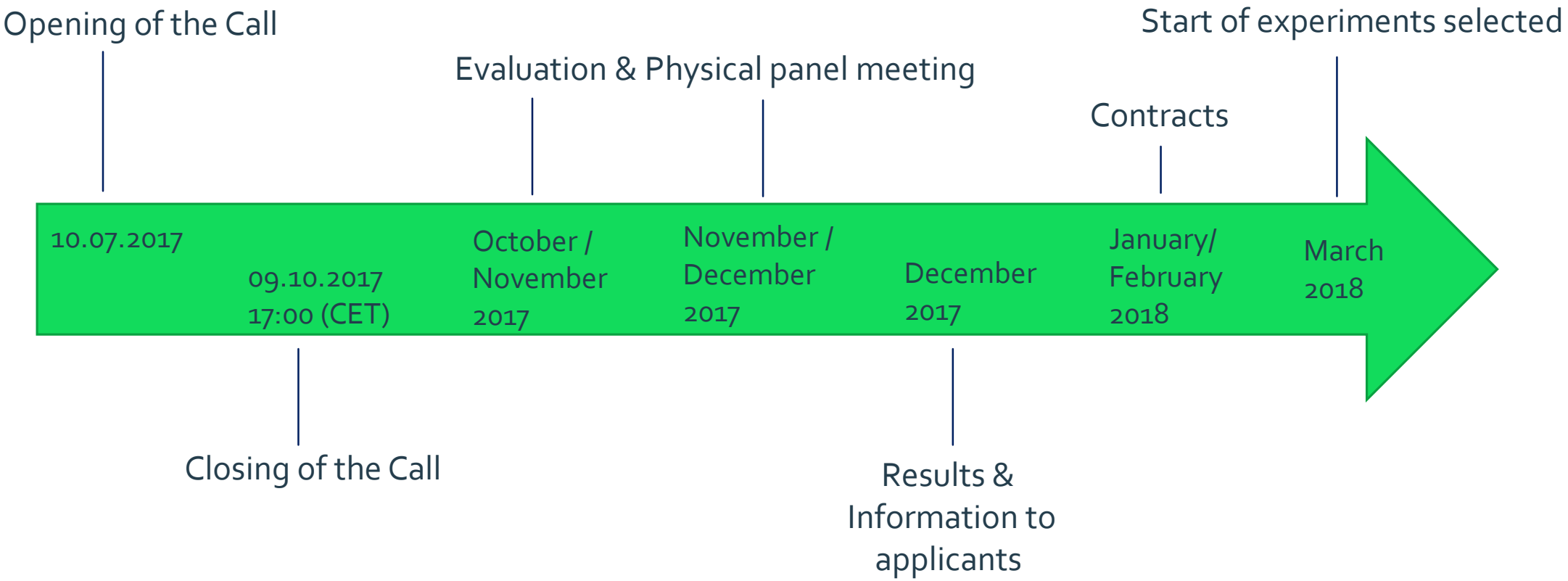
Content

- Basic information
- Detailed timeline
- Evaluation
- Tools

Details Call: RobMoSys-1FORC

- Number of experiments to be funded in the first Call: **6-7**
- Total indicative funding : € **2,000,000**
- Maximum budget granted to one experiment: € **300,000**
- Max. budget per institution cross-experimental: **€ 250,000**
- Funding rate – 100% (non-profit), 70% (for-profit) of direct costs
  - plus 25 % overheads
- 25% of prefunding
- Duration of participation: **12 months**

Timeline Open Call 1



Eligibility for funding

RobMoSys

The following **software development activities** are eligible for funding:

- **Models**
  - Composable models of components (ports, blocks, connectors enriched with composition constraints, resource requirements, etc.).
  - Models of system-level composition (system composed out of models of components) within a relevant use-case (composition for design-time or run-time composability).
  - Models to realise an architectural pattern, a design principle or best practice.

- **Tools and Meta-Models**
  - Extensions and/or improvements of, the provided RobMoSys meta-models (for instance for additional non-functional concerns such as Quality of Service, timing, performance, etc.).
  - Extensions and/or improvements of, the provided RobMoSys tools baseline (e.g. for design-time predictability, sanity checks, composability analysis, formal conformance verification, etc.).

Expected Skills portfolio of successful consortia

RobMoSys

Proposals are expected from single legal entities or small consortia.

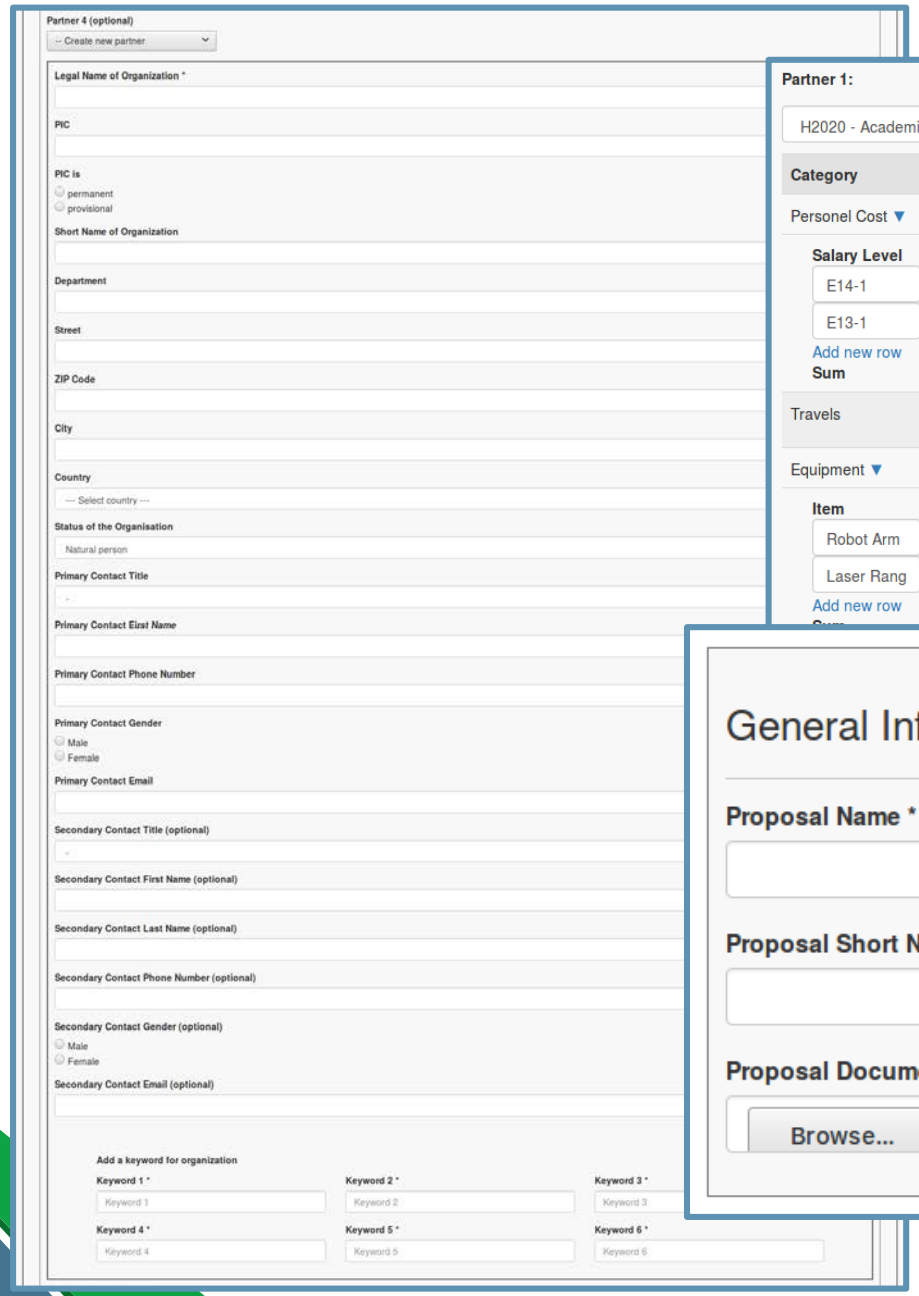
- offering complementary, multi-disciplinary competences beyond the mainstream robotics community;
- for example, robotics experts teaming up with software engineering people, or tool builders, or experts from automotive, aerospace, embedded, cyber physical systems.
- Tandems with complementary expertise are especially encouraged, e.g.:
  - software engineering + robotics,
  - industry (SME, large industry, small-craft industry) + academia,
  - robotics expert + domain expert.

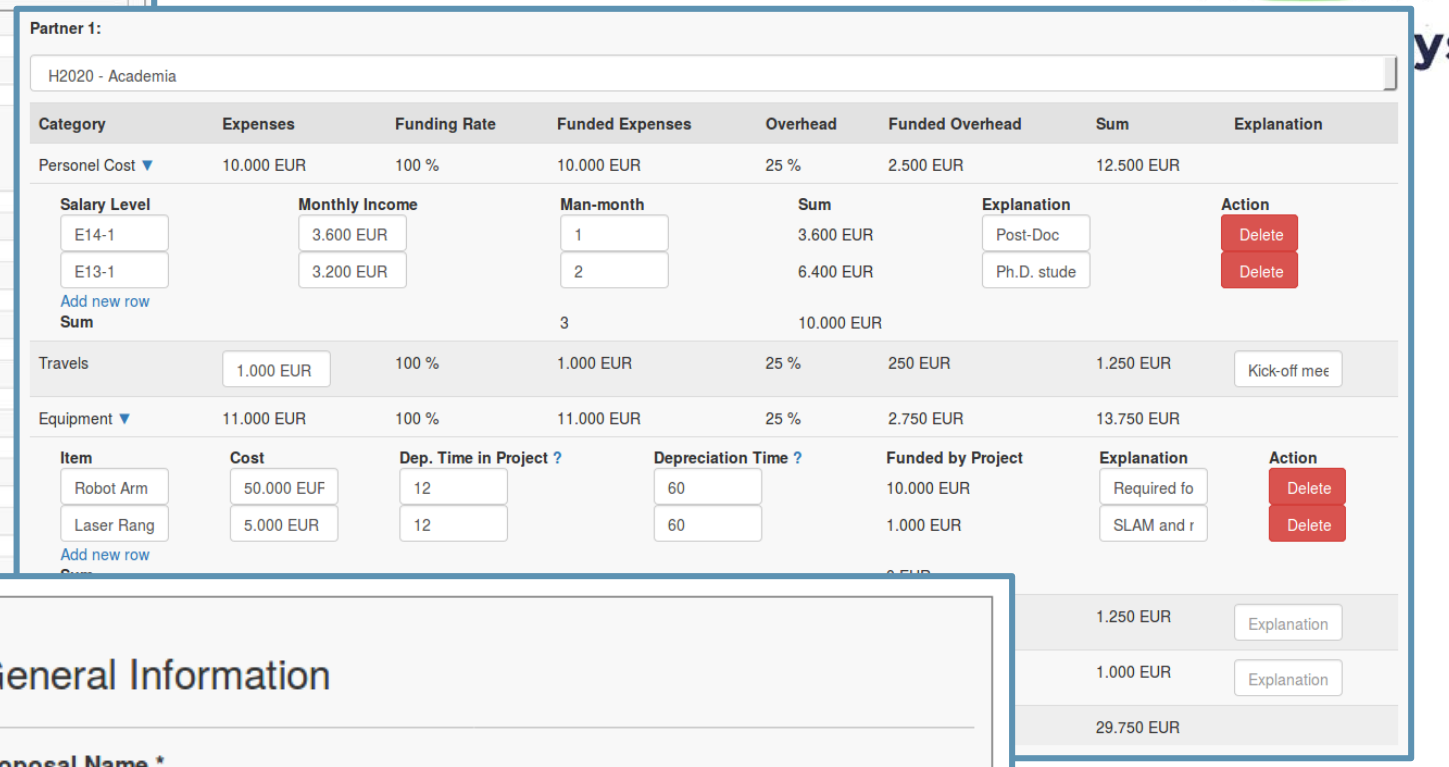
Open Call Management Platform

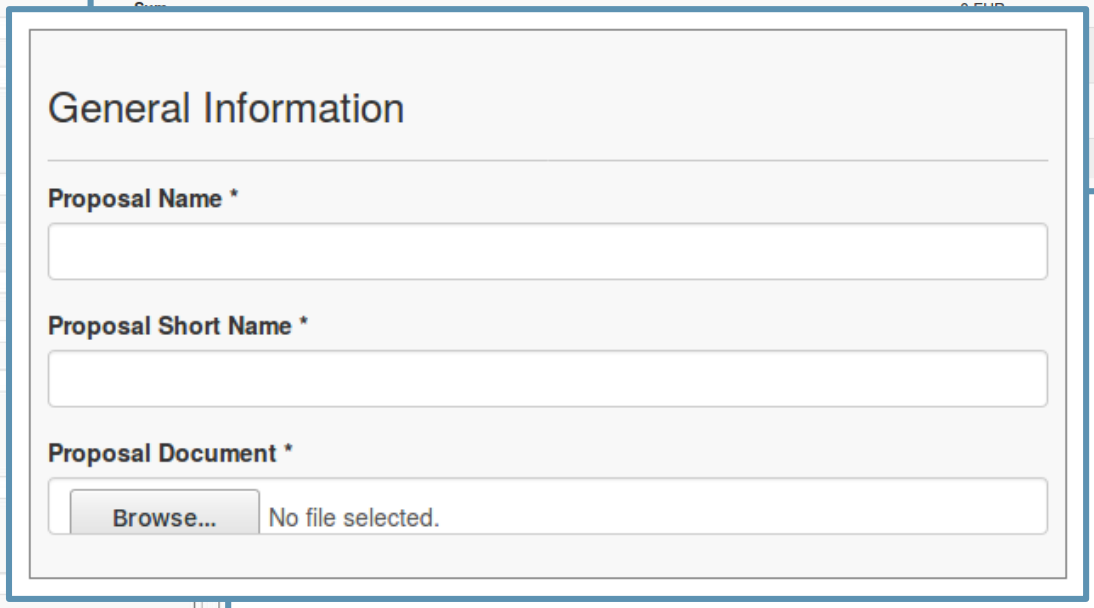
Open Call Website managed by TUM:
http://opencalls.robmosys.eu/forms/17/overview

- Call text
  - The call in a nutshell
- Guide for applicants
  - Detailed information (content and administration)
- Proposal template
  - To be completed for proposal submission
- Link to the ticketing system
  - Helpdesk for questions opencalls@robmosys.eu

Information to be provided

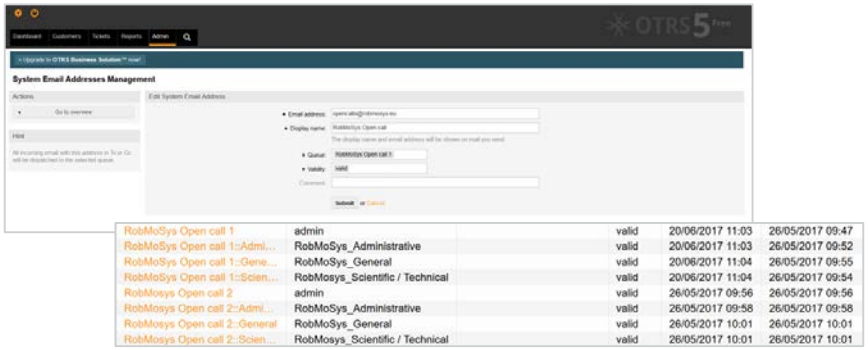






Ticketing System

Taking into account that the EU requires to keep a comprehensive archive of all the correspondence throughout the Open Call stage, the group at TUM implemented the Helpdesk over a ticket platform (in OTRS5) to handle the inquiries of the different topics related to the CEoI for RobMoSys



Ticketing System (OTRS5)

Managed by TUM: opencalls@robmosys.eu

- General Questions
  handled by : CEA, KUL, HSU & TUM
- Administrative Questions
  handled by: TUM
- Scientific Questions
  handled by: CEA, KUL & HSU
- Link to the Ticketing System:

  Helpdesk for questions

Evaluation Process

Pre-Proposal: can be submitted through the open calls platform during the first nine weeks and will be evaluated and commented within a reasonable time (usually 5 working days - evaluation done by members of the RobMoSys consortium)

Step 1 – remote evaluation

- Evaluation will be done by two acknowledged evaluators with renowned expertise
- A third independent evaluator will then do the consensus reporting

Step 2 – physical panel meeting

- The final selection will be done on a physical panel meeting attended by a shortlist of the evaluators of Step 1
- The final selection will be communicated to the EC
- The applicants will get an evaluation report with their results