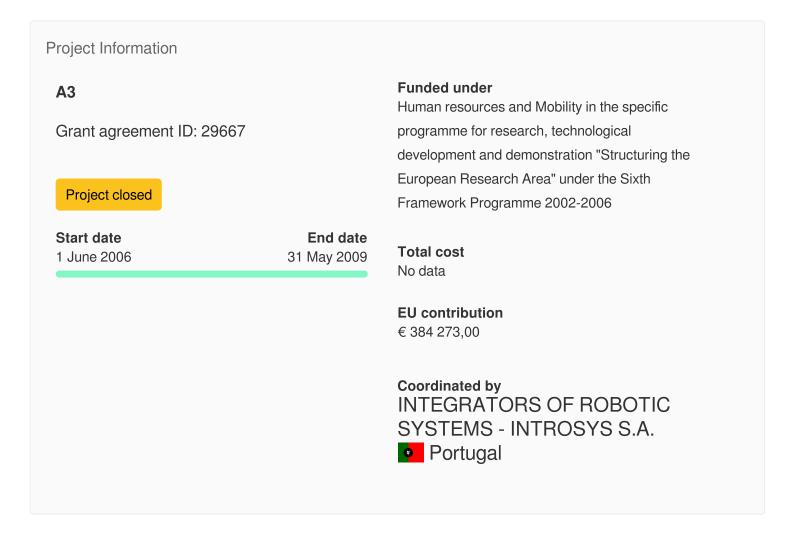


Content archived on 2024-06-16



Applied agile assembly

Fact Sheet



Objective

The project goals are to study, develop, and verify new approaches for achieving sustainable assembly for European SMEs. The academic partners have already proposed a new theoretical approach which is to be developed into a feasible industrial approach and validated through the course of the project.

The approach is called Evolvable Assembly Systems (E.A.S.) and is to be

industrialised within a real industrial scenario with IntRoSys SA, a Portuguese SME. The second goal of the project is to ensure that new knowledge, methods, and tools are exchanged between the academic partners and industry. The partners will also strive to form synergies between this project and other national and 6th Framework Integrated Projects.

The topic will require a multi-disciplinary approach, which is also the core issue of the adopted approach, E.A.S.

- Create a strategic partnership between IntRoSys SA and selected EU academic and research departments, primarily KTH, EPFL, UNINOVA and UNOTT.
- Exchange knowledge and experienced researchers, during and beyond the course of the proposed project, to form a core competence group in the given subject.
- Development of knowledge and application know-how, for the application, verification and update of new approaches for agile assembly, within academia and industry.
- Combining new IT solutions to novel assembly system development methodologies (inter-sectorial).
- Produce a lasting collaboration which stretches beyond the given set of partners, both locally (to other personnel of partners) and externally (collaboration with other European and national projects).

Keywords

Multiagent control

evolvable assembly

sustainability

Programme(s)

<u>FP6-MOBILITY - Human resources and Mobility in the specific programme for research, technological development and demonstration "Structuring the European Research Area" under the Sixth Framework Programme 2002-2006</u>

Topic(s)

MOBILITY-1.3.2 - Marie Curie Host Fellowships - Transfer of knowledge (TOK) - Industry-Academia Strategic Partnership Scheme

Call for proposal

Funding Scheme

TOK - Marie Curie actions-Transfer of Knowledge

Coordinator



INTEGRATORS OF ROBOTIC SYSTEMS - INTROSYS S.A.

EU contribution

No data

Total cost

No data

Address

Campus da FCT/UNL, Edificio UNINOVA, Qt. da Torre **MONTE DE CAPARICA**





Participants (4)



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EU contribution

No data

Address

Station 17

LAUSANNE



Links

Contact the organisation [2] Website 🗹 HORIZON collaboration network

Total cost

No data



KUNGL TEKNISKA HÖGSKOLAN

Sweden

EU contribution

No data

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STOCKHOLM 1

Links

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Total cost

No data



UNINOVA - INSTITUTO DE DESENVOLVIMENTO DE NOVAS TECNOLOGIAS

Portugal

EU contribution

No data

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Quinta da Torre

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Links

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Total cost

No data



UNIVERSITY OF NOTTINGHAM

United Kingdom

EU contribution

No data

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Links

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Total cost

No data

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