

PPP: FoF Topic FoF-ICT-2011-7.1

Title System to endow industrial robots with active learning capabilities with human-like accuracy

Objectives:

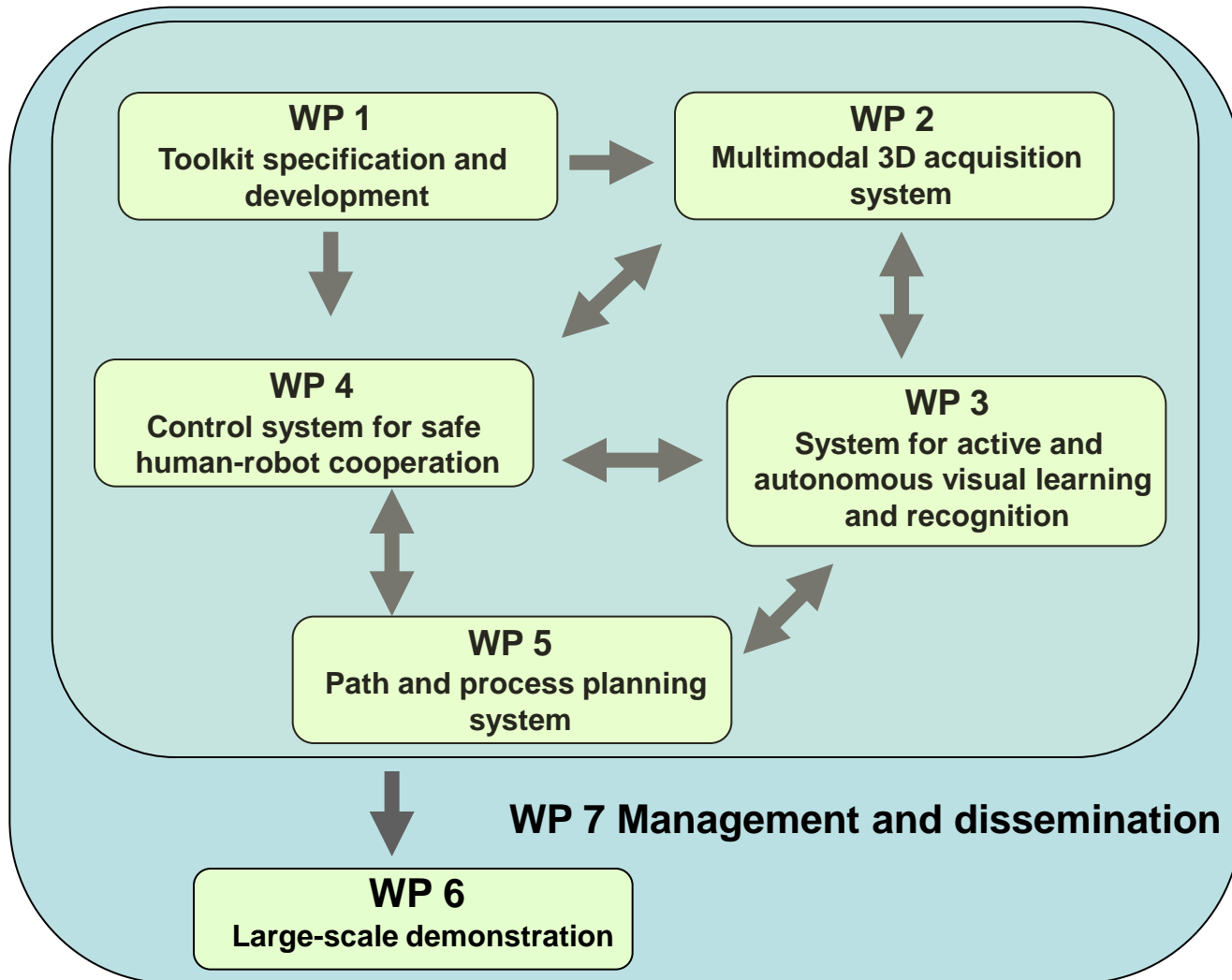
- Development of a system that enables robotic solutions for small batch and craft manufacturing (with remarkable variations in the characteristics and structure of the process and the parts involved).

Expected results:

- Solution for fast and easy programming of different processes (welding, grinding, polishing, scanning, etc) currently done manually in many SME companies.
- Large-scale demonstration focused on fast robot programming for arc welding in complex structures.

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Known Partners				
S.No	Partner Name	Type	Country	Role in the Project
1	AIMEN	RTD	Spain	Industrial robotics and machine vision for materials processing
2	SME devoted to MIG arc welding of complex parts	SME	Spain	Final user
3	Research institute	RTD	Germany	3D vision
Required Partners				
S.No	Profile	Type	Country	Role in the project
4	Company/SME			Industrial robotics
5	SME.	SME		Machine vision and robotics development and integration
6	SME. Additional company potential user of the system.	SME		final user
7	Research organization/university.	RTD		safe human-robot cooperation and/or real-time robot trajectory correction

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