

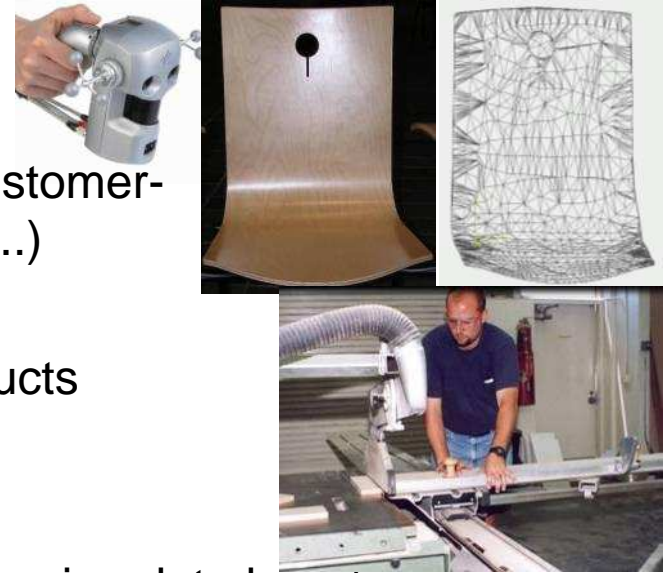
PPP: FoF

Topic FoF.NMP.2011-2

RecoMS ACP: Reconfigurable Manufacturing Systems for automated customer-specific furniture production

Objectives:

- **Example use case:** automatic production of customer-specific furniture (size, shape, material, extras ...)
- Increase degree of automation in SMEs
- Support customer-specific production and products
- Formalize production knowledge → reusability
- Decrease time and effort for reconfiguration
- Reuse knowledge/learn from expert users (->growing data base)



Expected results:

- IT-Infrastructure to combine manufacturing systems from various vendors
- Demonstration of evolvable manufacturing cells
- Engineering system for configuration and coordination of distributed manufacturing devices
- Self-organizing machine configuration and layout

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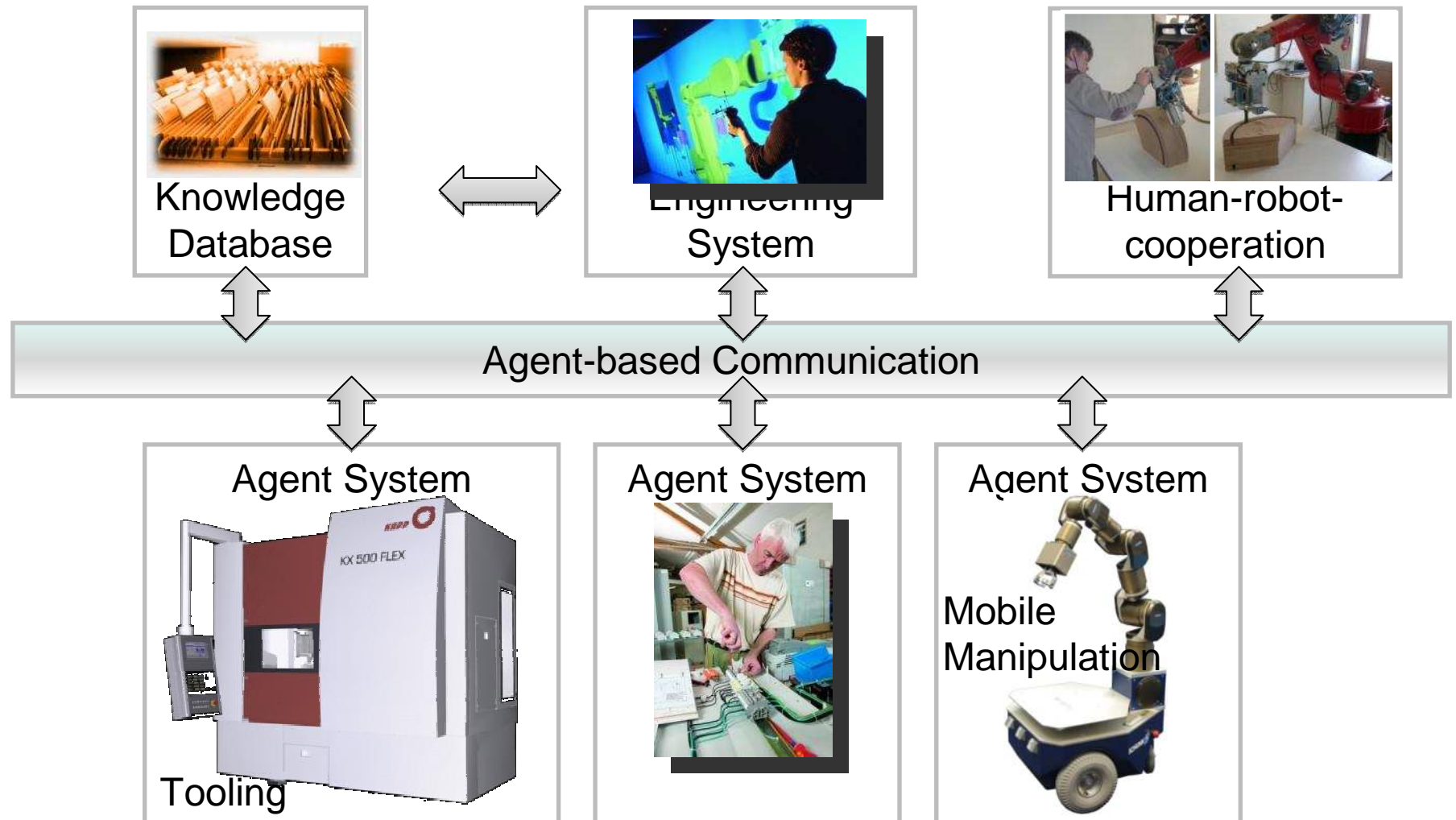
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Known Partners				
S.No	Partner Name	Type	Country	Role in the Project
Required Partners				
S.No	Profile	Type	Country	Role in the project
	Tooling machine supplier			Device integration, further use-cases
	Software company	SME		Semantics and knowledge engineering
	Software company	SME?		Engineering tools, HMI
	End user			Use-case, exploitation

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