Robotics-enabled logistics and assistive services for the transformable factory of the future

Fact Sheet

<table>
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<th>TAPAS</th>
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<td>Grant agreement ID: 260026</td>
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Funded under
Specific Programme "Cooperation": Information and communication technologies

Total cost
€ 5 179 257,00

EU contribution
€ 3 400 000,00

Coordinated by
KUKA DEUTSCHLAND GMBH
Germany

Project description

Smart Factories: ICT for agile and environmentally friendly manufacturing
Obtaining transformable production by developing new assistive automation and mobile robots

Today’s automation and logistics make it difficult, time consuming, and costly to change the type of the product manufactured and to scale the production up and down in response to market volatility. With the increasing market uncertainties, it becomes more and more difficult to justify new automation lines. To keep production in Europe instead of shifting it to low-wage countries, TAPAS will break new ground in robot-based automation and logistics as the backbone of a
transformable **factory of the future**, enabling an economic production regardless of changes in volumes and product type.

### Fields of science

- natural sciences
- computer and information sciences
- software
- social sciences
- sociology
- industrial relations
- automation

### Programme(s)

**FP7-ICT** - Specific Programme "Cooperation": Information and communication technologies

### Topic(s)

**FoF.ICT.2010.10.1** - Smart Factories: ICT for agile and environmentally friendly manufacturing

### Call for proposal

FP7-2010-NMP-ICT-FoF

[See other projects for this call](#)

### Funding Scheme

**CP - Collaborative project (generic)**

### Coordinator

**KUKA DEUTSCHLAND GMBH**

**Address**

Zugspitzstrasse 140  
86165 Augsburg  
Germany

**Region**

Bayern > Schwaben > Augsburg, Kreisfreie Stadt

**Activity type**

Private for-profit entities (excluding Higher or Secondary Education Establishments)
Participants (7)

Convergent Information Technologies GmbH

Austria

EU contribution

€ 365 890,00

Address

Schulstrasse 2
4053 Haid bei ansfelden

Region

Westösterreich > Oberösterreich > Linz-Wels

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Administrative Contact

Christof Eberst (Dr.)

Links

Contact the organisation

KUKA Laboratories GmbH

Germany

EU contribution

€ 910 135,00

Address

Zugspitzstrasse 140
86165 Augsburg
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Verena Hoermann (Ms.)

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Nordrhein-Westfalen > Köln > Köln, Kreisfreie Stadt

Ludwig Sepperl-Dinter (Mr.)

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Germany

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79098 Freiburg

Baden-Württemberg > Freiburg > Freiburg im Breisgau, Stadtkreis

Higher or Secondary Education Establishments
AALBORG UNIVERSITET

Denmark

EU contribution

€ 811 170,00

Address

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9220 Aalborg

Region

Danmark > Nordjylland > Nordjylland

Activity type

Higher or Secondary Education Establishments

Administrative Contact

Ole Madsen (Prof.)

GRUNDFOS AS - GBJ GRUNDFOS WATER EQUIPMENT AS GRUNDFOS ELECTRONICS AS GRUNDFOS INTERNATIONAL AS

Denmark

EU contribution

€ 265 174,00

Address

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8850 Bjerringbro

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Administrative Contact
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8850 Bjerringbro

Region
Danmark > Midtjylland > Vestjylland

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Last update: 1 August 2019

Permalink: https://cordis.europa.eu/project/id/260026

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