

# MAIER S.Coop

Automotive end user

Design, Development and Manufacturing solutions for injected thermoplastic subassemblies with an aesthetical finishing  
FoF and NMP

Thematic brokerage workshops

EU Brokerage Event on Kets in Horizon 2020

Strasbourg, 17th October 2017

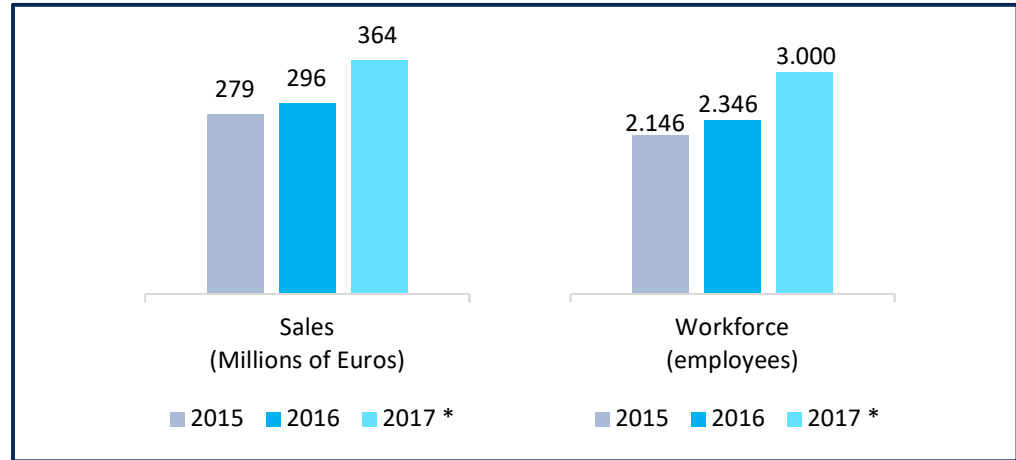
# MAIER S. Coop.

European leader in automotive decoration

**Decoration** - Innovative multi-technology to give high aesthetic value to the product from our different plants



Mastery of Parts with a High **Functional Complexity**



## Exterior



## Interior

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European leader in automotive decoration

**TOOLSHOP**  
Smart combination of own Toolshop and competitive sourcing



**INJECTION**  
1-2-3K Injection  
High gloss Injection




**PAINTING**  
Body colour  
High gloss (conventional and UV)  
Technical Paint (Low Micron, Satin,...)  
Paint on Hot Stamping



**GRAPHIC DECORATION**  
Over "one tool strategy" combine:  
Paint, chrome, Laser, Tampo-printing,  
Screen-printing, Films, Hot Stamping,  
MaierFreeze...



**CHROME PLATING**  
11 chrome lines Worldwide allows to serve different customer's needs:  
Bright Chrome: Cr+3, Cr+6  
Satin: Multiple Tones  
Dark Chrome



**ASSEMBLIES & FUNCTION INTEGRATION**  
Light Guide integration  
Camera Integration  
Decorative Metal Trims  
Textile integration for IP parts



DAIMLER



**DT-NMBP-01-2018: Open Innovation Test Beds for Lightweight, nano-enabled multifunctional composite materials and components**

*Interested in testing and validating new nano-functional materials for automotive parts (Antiscratch, Selfhealing, Selfcleaning, Colour change, easy to plate, easy to paint, etc.)*

**CE-NMBP-26-2018: Smart plastic materials with intrinsic recycling properties by design**

*Interested in testing and validating smart materials for automotive plastic parts*

**DT-FoF-03-2018: Innovative manufacturing of opto-electrical parts**

*Interested in developing new laser technologies to mark on plastics, paint and chrome-plated parts; and validating new aesthetic and surface functionalities (e.g. lighting) for automotive sector*

**DT-FoF-04-2018: Pilot lines for metal Additive Manufacturing**

*Interested in AM for mould inserts and tools for automotive components*

**CE-SPIRE-10-2018: Efficient recycling processes for plastic containing materials**

*Interested in testing and validating recyclable materials for automotive plastic parts*

**CE-SC5-07-2018-2019-2020: Raw materials innovation for the circular economy: sustainable processing, reuse, recycling and recovery schemes**

*Interested in testing and validating recycled and recyclable materials for automotive plastic parts*

**ICT**

**ICT-02-2018: Flexible and Wearable Electronics**

*Interested in testing the integration of printed electronics, Lighting, Sensors in automotive plastic components*

**ICT-04-2018: Photonics based manufacturing, access to photonics, datacom photonics and connected lighting**

*Interested in developing and testing advanced laser equipments on plastics, paint and chrome-plated parts; and validating new aesthetic and surface functionalities*

**ICT-10-2019-2020: Robotics Core Technology**

*Interested in testing and validating the integration of different robotics solutions for automotive.*

DESIGN, DECORATION, AESTHETICS			NEW TECHNOLOGY	PRODUCT FUNCTION
<b>PLASTIC MATERIALS</b> e.g. Bioplastics, natural fibers, recycled materials, composite aesthetics, weight reduction.	<b>ELECTRODEPOSITION</b> e.g. Plating, electroforetic varnish, colouring, ionic liquids, anticorrosion post-treatments, alternatives to Cr plating.	<b>COATINGS</b> e.g. Special paintings, UV, high brightness, antiscratching, self-healing.		
<b>SURFACE TREATMENTS</b> e.g. Laser, shot blasting, ink-jet, 3D printing, plasma and deposition, ceramic and deposition, brushing, serigraphy, polishing.				
<b>VEHICLE OF THE FUTURE</b> Connectivity and automation in transport, "driver"/vehicle interaction, protection systems for the new interior concepts, integration of electro-mechanical vehicle architectures, components and control systems.				
<b>ADVANCE MANUFACTURING</b> Additive Manufacturing, Colaborative Robotics, Augmented reality, Computer vision,				
<b>INDUSTRY 4.0</b> Ciber Physical Systems, Cloud-Computing, Big data, Cibersecurity.				

# Contact details

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