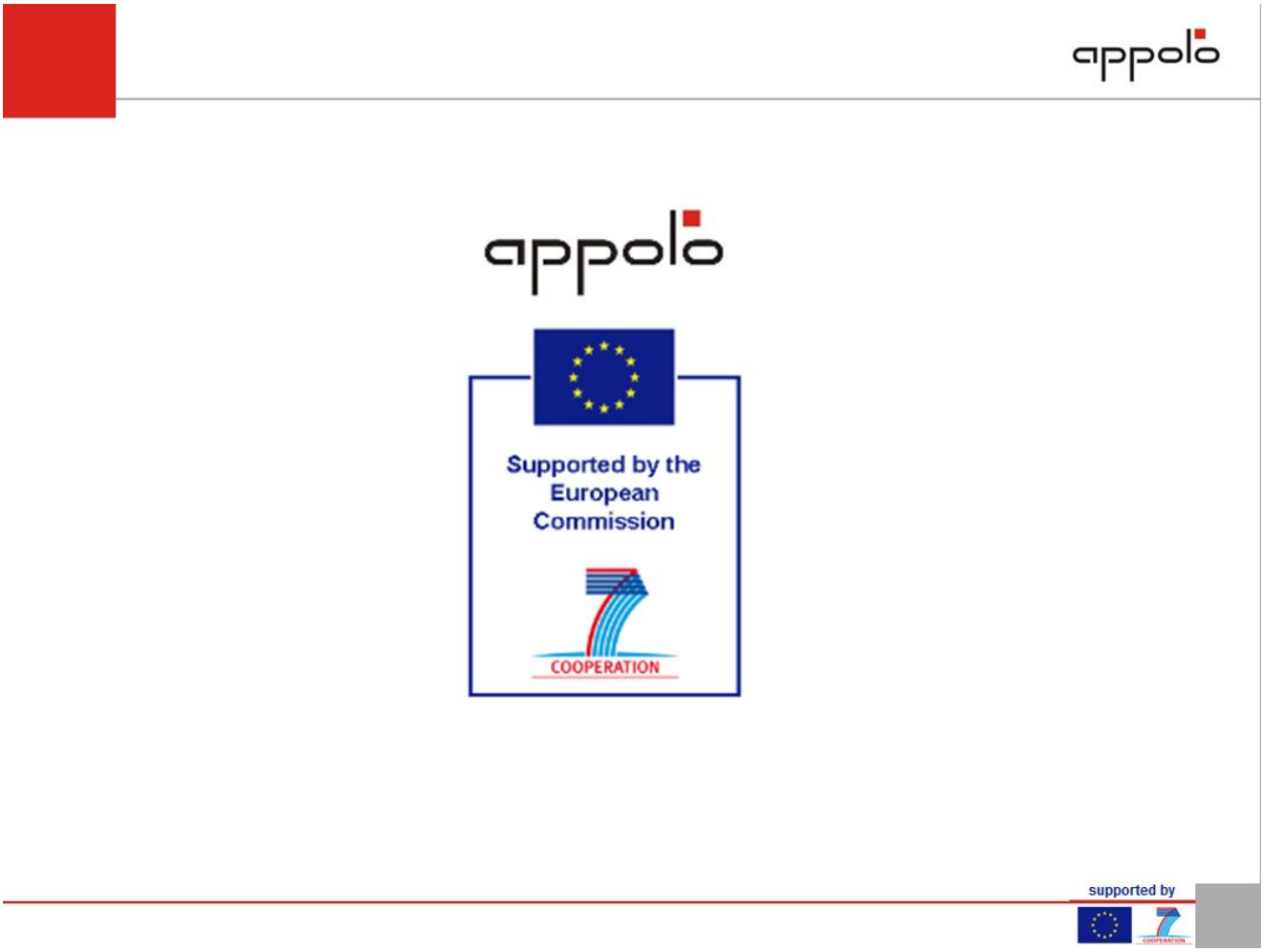
APPOLO PROJECT - Hub of Application Laboratories for Equipment Assessment in Laser Based Manufacturing

17/11/2016





Duration of the Maier's subproject "DECOUL-Cr": September 2015 - February 2016

Description:
The APPOLO project, which encompasses different sub-projects (http://www.appolo-fp7.eu/.), seeks to establish and coordinate connections between the end-users which have demand on laser technologies for (micro) fabrication, the knowledge accumulated in the application laboratories of the research institutes and universities, and the laser equipment manufacturers. Core of the consortium consists of laser application laboratories around Europe which are connected into a virtual hub to accumulate knowledge and infrastructure and promote the easy-to-access environment for development and validation of laser-based technologies.

MAIER, S.COOP is the coordinator of the sub-project "DECOUL-Cr" New Ultrafast Laser equipment for decorative finishing in automotive Chrome plated parts with the participation os LASING, S.A and Universidad Politecnica de Madrid. DECOUL-Cr addresses the assessment of new equipment, to find optimal solution for high added value laser texturing with ultrafast laser for the atomotive market.

The consortium:
END-USERS:
- Abengoa Solar New Technologies

- Bioage SRL
- Centro Ricerche Fiat
- Daetwyler Graphics
- FLISOM
- Mondragon Assembly
- Sächsische Walzengravur
- SKF B.V.
- It4ip
- Nanotypos
- Robert Bosch GmbH
- General Electric
- MAIER S. Coop
- LAC S.p.a

SUPPLIERS
- Ekspla
- Time Bandwidth Products
- OneFive
- NeXT Scan Technology
- AMSYS
- ELAS
- Lightmotif
- SCANLAB GmbH
- LaserSpec
- OSAI Automation systems SPA
- IRIS SRL
- OPI Photonics SRL
- LASING S.A
- SISMA LASER

APPLICATION LABORATORIES:
- Center for Physical Sciences and Technology
- Leibniz-Institute of Surface Modification
- Bern University of Applied Sciences
- Lappeenranta University of Technology
- University Politecnica of Madrid

MATERIALS:
- EMPA

IPR MANAGEMENT & EXPLOITATION:
- Engage AG