



Micro-optics

SUMMIT & EXPO

Introduction and welcome

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THE PHABULO_uS PROJECT

- **PHABULO_uS** is a European funded pilot line project within the Horizon H2020 Program for the manufacturing of replicated free-form micro-optics.
- **PHABULO_uS Pilot Line Association** was established as the legal entity created within the project to act as the customer-facing front office for the project with the potential to continue promoting the services of the pilot line after the project.

MICRO-OPTICS IS...

Phabulo_us

Funded by:



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PROJECT OBJECTIVE

MICRO-OPTICS IS...
Phabulous

Unify European research and technology organisations and industrial partners into a Pilot Line for the design and manufacturing of free-form micro-optics solutions.

PROJECT PARTNERS



morphotonics

NANOCOMP

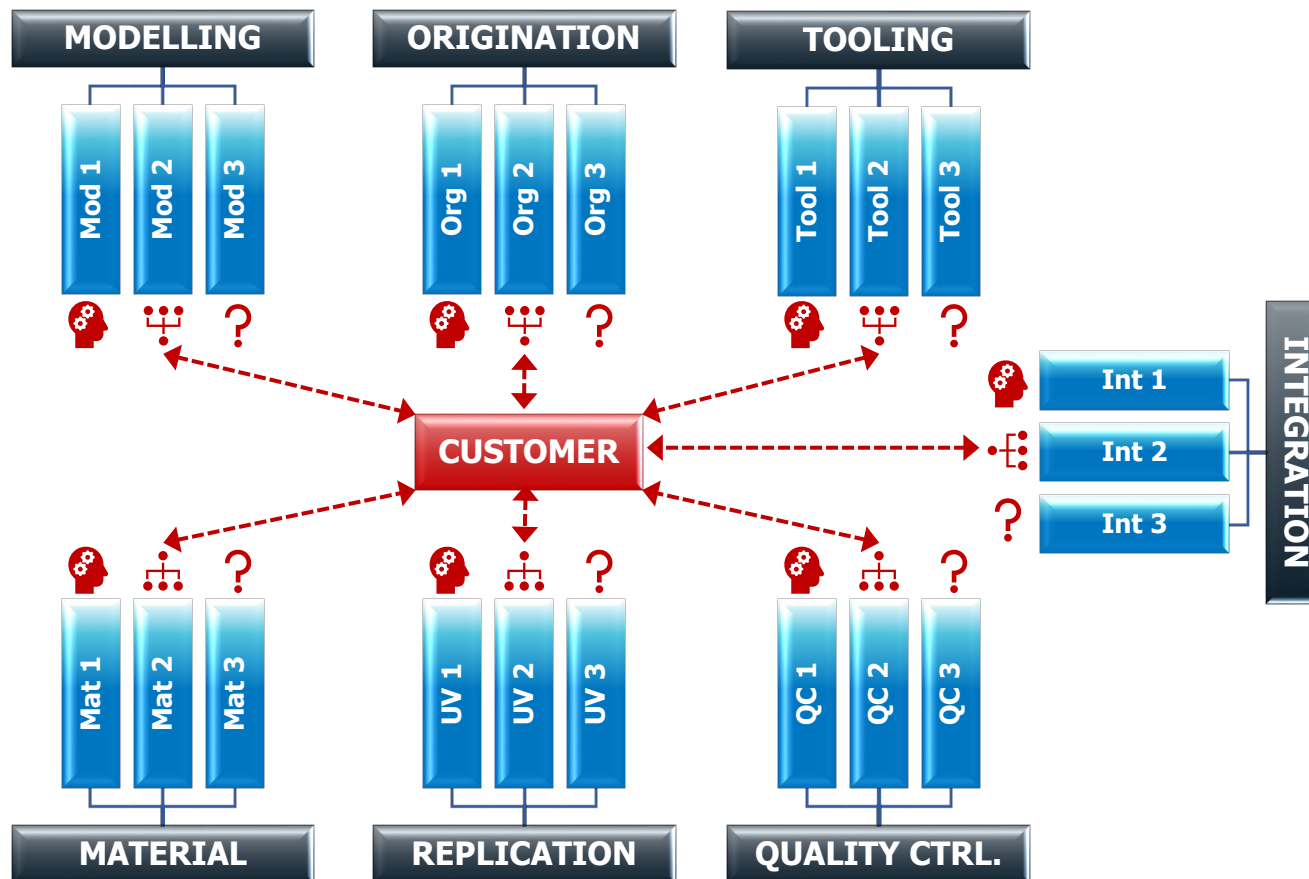


AMIRÉS

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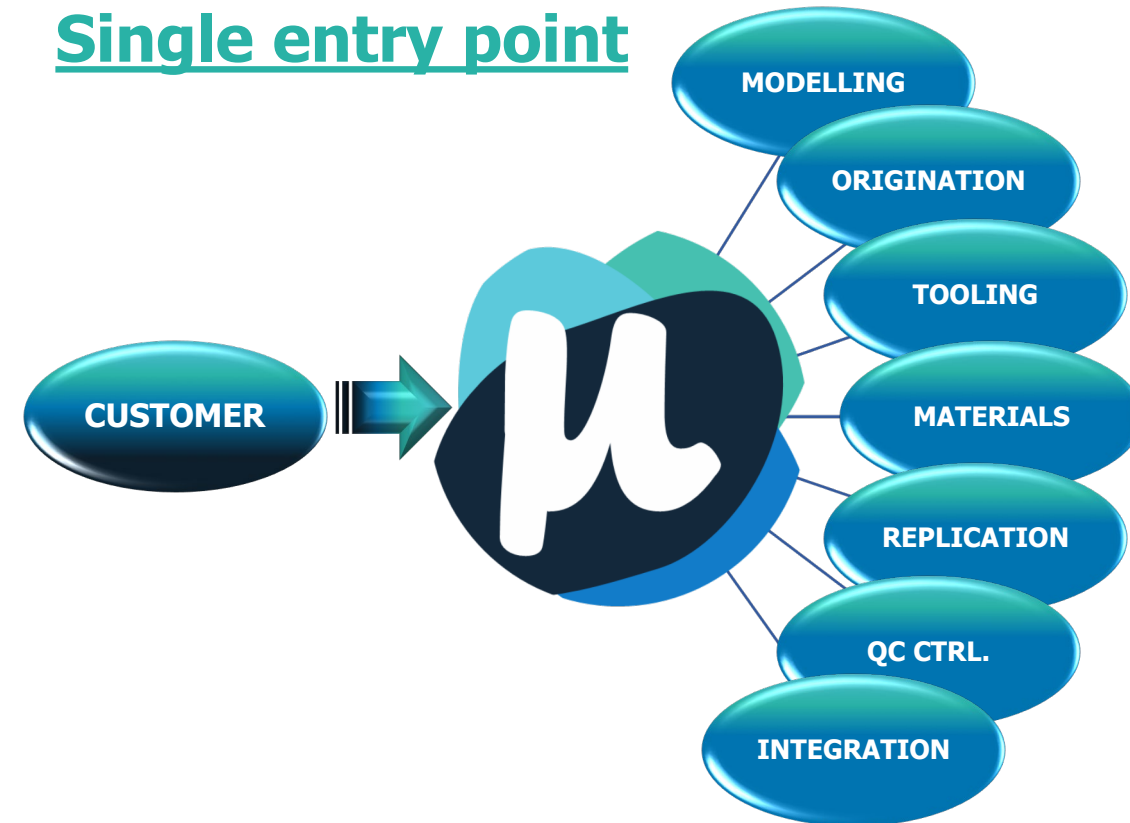
Without PHABULOuS



WHY A PILOT LINE?

With PHABULOuS

Single entry point



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USE CASES

MICROOLED

FORVIA


 ZUMTOBEL

 SEISENBACHER

SWAROVSKI

PILOT CASES

MORROW

MCD
modern camera designs

4K-MEMS 



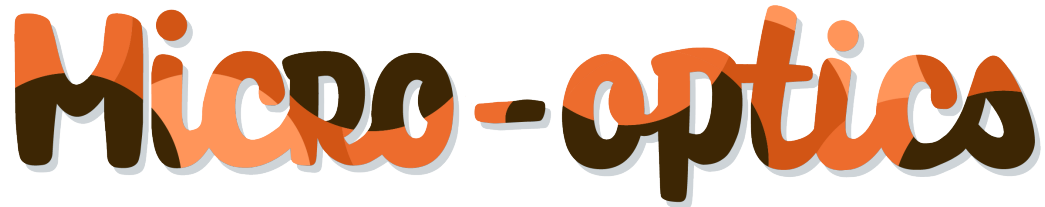
 inSpek

FEASABILITY STUDIES



 DRACULA
TECHNOLOGIES

microrelleus



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LOOKING FORWARD

- **Achievements:** The funded pilot line project has demonstrated the benefits of collaboration within the European micro-optics supply chain, with particular opportunities in markets such as lighting, virtual reality, consumer, healthcare, integrated photonics and optical communications.
- **The PHABULOuS Association:** has established itself as a strong European brand in the micro-optics space, successfully promoting European capability in this key area of technology. It has already built up a substantial pipeline of prospective business opportunities and sales leads.
- **Going forward:** the Association believes that it can continue to drive the success of the European micro-optics supply chain and create value for the companies and organisations it comprises, whether individually, or as part of a complete supply chain from initial design and prototyping through to volume manufacture.



OBJECTIVES FOR THE SUMMIT

- Showcase the capabilities of the companies and organisations that have worked on the Pilot Line Project.
- Facilitate networking and collaboration discussions between the companies and organisations within PHABULOuS as well as with the broader micro-optics community, including potential new members, collaborators and customers.
- Outline the plans for PHABULOuS to continue as a key driver of the European micro-optics value chain going forward, including establishing strong sales and marketing channels.



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AGENDA

Monday, 2 December

09.00 Welcome & introduction

09.30 Automotive I

10.30 Refreshments & networking

11.00 Automotive II (lighting)

12.30 Lunch

13.30 Automotive III (lighting)

15.00 Refreshments & networking

15.30 Lighting

Tuesday, 3 December (Consumer/Healthcare Track)

09.00 Consumer products I

10.30 Refreshments & networking

11.00 AR/VR

12.30 Lunch

13.30 Healthcare (AR/VR)

15.00 Refreshments & networking

15.30 Consumer products II

Tuesday, 3 December (Integrated photonics & communications Track)

09.00

10.30 Refreshments & networking

11.00 Integrated photonics

12.30 Lunch

13.30 Optical communications

15.00 Refreshments & networking

15.30



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THANK YOU



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