

MedPhab

Photonic Medical Devices

Funded by



PHOTONICS²¹

PHOTONICS PUBLIC PRIVATE PARTNERSHIP

May 4th 2020, Jussi Hiltunen (VTT-Technical Research Centre of Finland)

MedPhab – Accelerated Product Development

- First European Photonics Pilot Line dedicated to medical devices
- Founded to accelerate commercialisation of diagnostic devices and instrument for treatment
- Aimed at reducing R&D costs
- 18 partners with centralised communication (info@medphab.eu)
- Orders are channelled to the manufacturer with the best implementation capability

Jussi Hiltunen, MedPhab EPIC Online Technology Meeting on in-vivo Imaging

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 871345.

The presented results reflect only the author's view. The EU is not responsible for any use that may be made of the information it contains.

www.photonics21.org

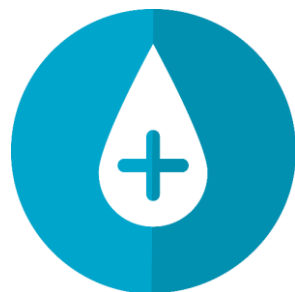




Hospital Use
→ Medical Professionals



Home Care Service
→ Citizens jointly with professionals



Equipment for Molecular Diagnostics
→ Professionals in laboratories



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Customer position

- Development phase
- Up-scaling phase

R&D or ISO13485 certified manufacturing:

- Fibre optics
- Microfluidics
- Surface functionalisation
- Instrumentation
- Opto-electronic integration
- Miniaturisation for micromodules and wearables

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Open calls for customers

info@medphab.eu
medphab.eu

2020

2021

2022

2023

Operational Pilot Line

- Enabling early adoption of the technologies by external user
- Demonstrating the pilot line services
- Validating the open access business model

Currently to ensure short response time

- Customer enquiries are passed to MedPhab partners
- Each partner will communicate directly with customers independently

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Project Partners

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Thank you for your attention