

# MedPhab

Photonic Medical Devices

Funded by



PHOTONICS PUBLIC PRIVATE PARTNERSHIP

 PHOTONICS<sup>21</sup>

6<sup>th</sup> December 2021, David McGovern

## MedPhab – The Photonics-Based Medical Technology Pilot Line



**First European Photonics Pilot Line** dedicated to medical devices

Enable **cost effective development** from prototype devices to manufacturing

Develop and support the **entire supply chain** including **investors**

Provide unique **training**

Aimed at **reducing R&D costs** and **accelerating commercialization**

# Project Partners

MedPhab  
Photonic Medical Devices



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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.



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## In R&D phase or ISO13485 certified manufacturing:

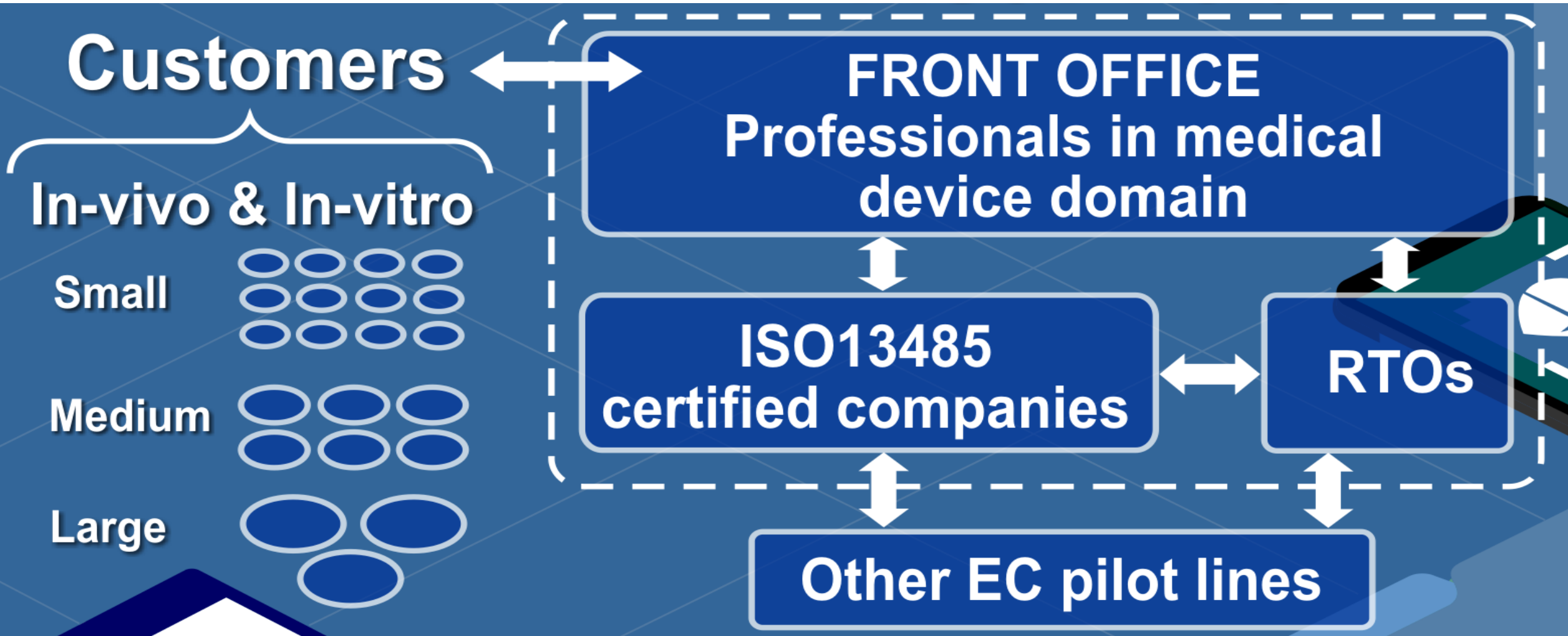
- Fibre optics
- Microfluidics
- Surface functionalisation
- Instrumentation
- Opto-electronic integration
- Miniaturisation for micromodules and wearables
- Development support (simulation, design, characterization)



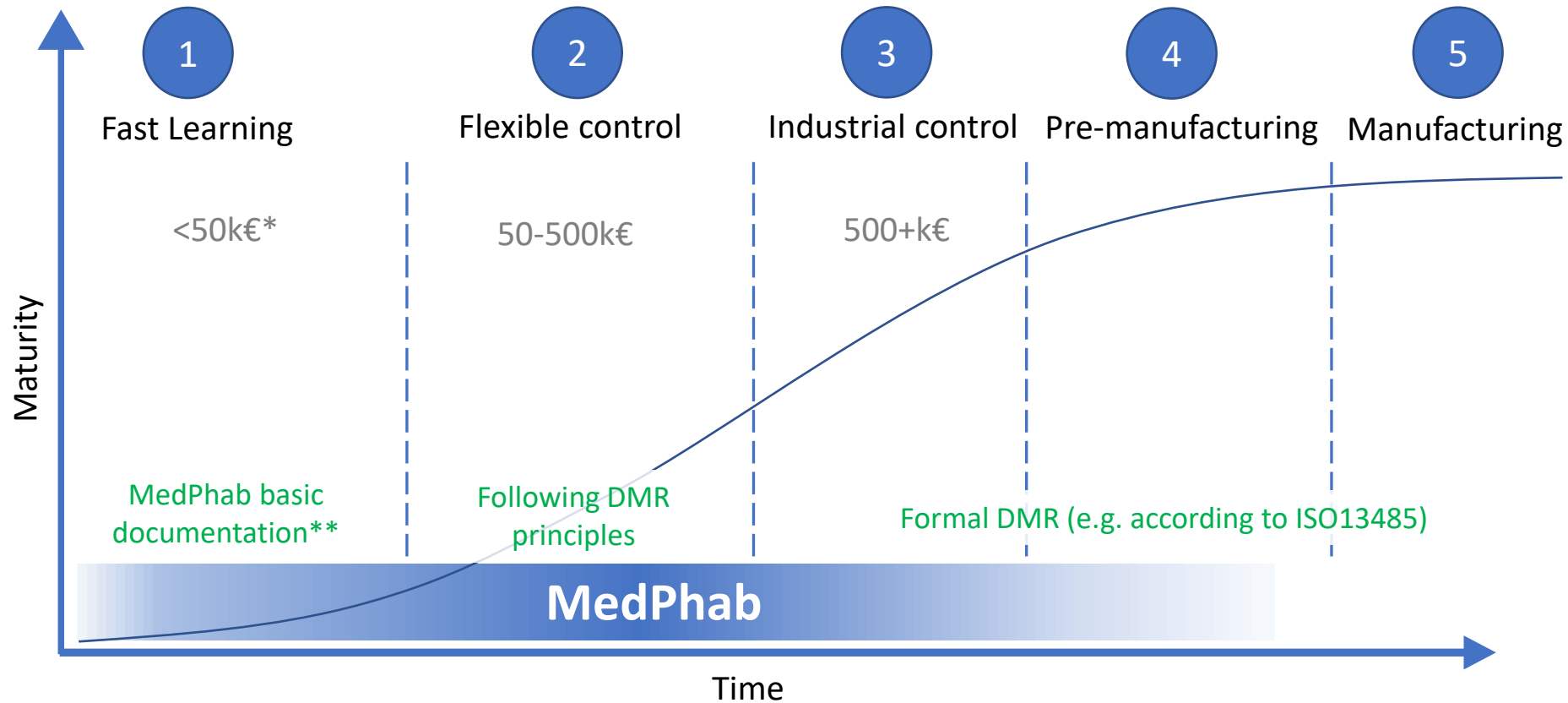
## Key elements for working with MedPhab

- Customized case evaluation through **MedPhab Front Office**
- Realistic positioning of project on “innovation maturity map”
- **18 partners** with centralised communication ([info@medphab.eu](mailto:info@medphab.eu)) and strong collaborative track record

# Single entry point – how to work with us?



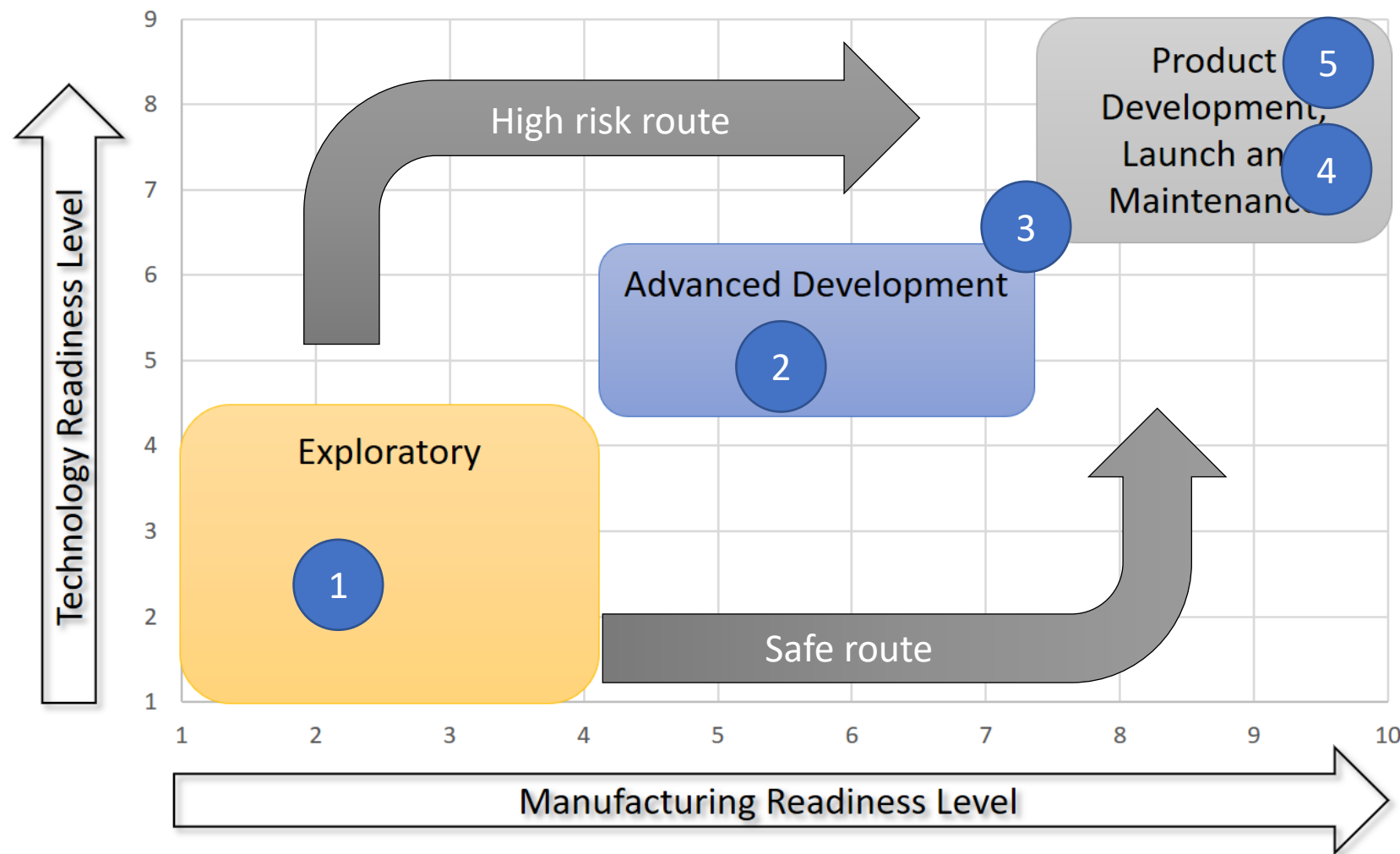
# MedPhab position in medical device development



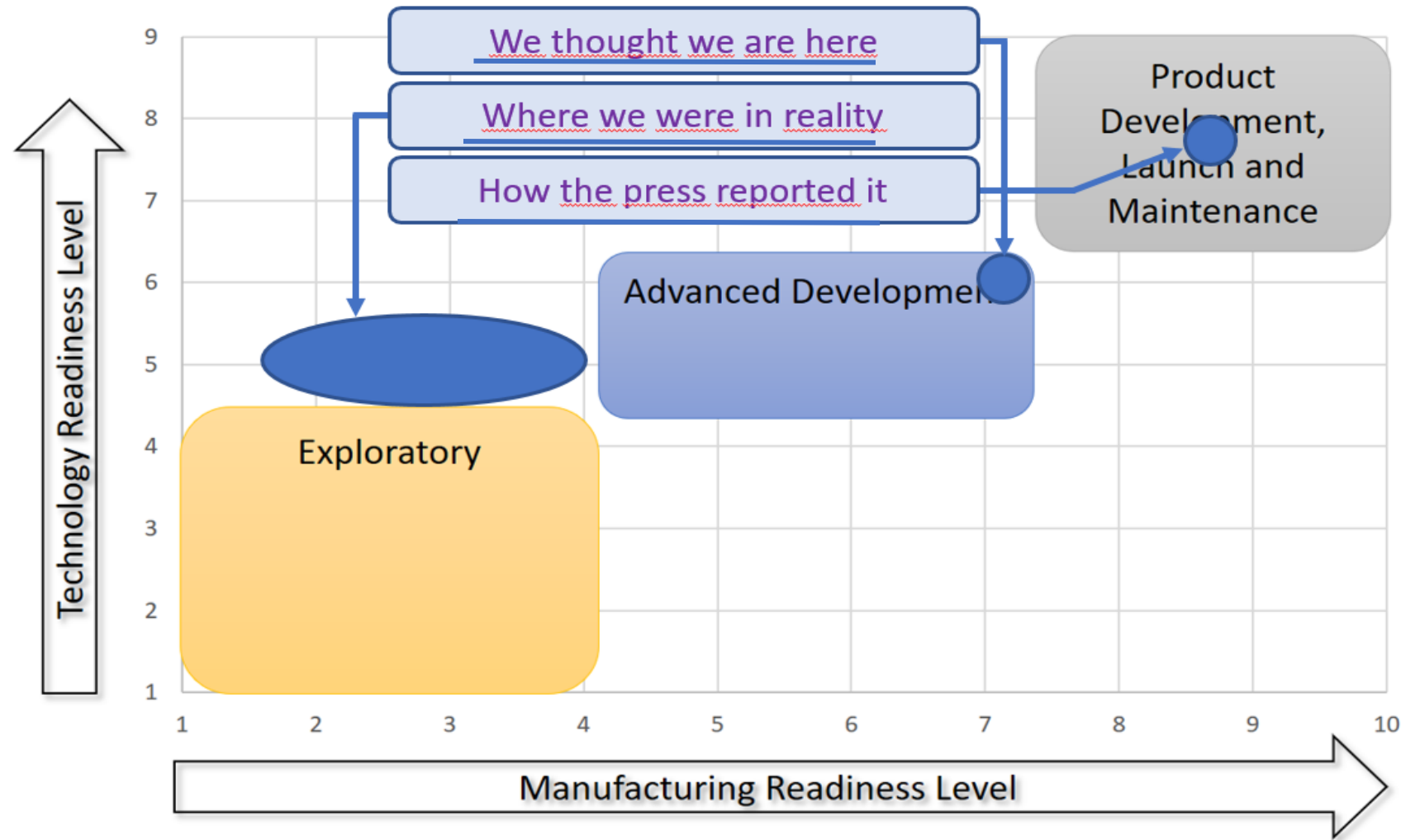
\* Project cost

\*\* Level of documentation & regulatory

# Innovation Maturity - Product vs Process



# How mature is your technology?



# MedPhab's open call for demo cases

- The Call will be open from **March 2021** to **December 2022**, and applicants will be able to apply anytime.
- The Evaluation process involves two stages:
  - **The pre-screening stage** - A continuous process from January 2022, in which applicants can send their in-take form anytime when calls for demo cases are open.
  - **Full proposal stage** - From January 2022 deadlines will be every two months (i.e. end of March 2022, May 2022, July 2022, September 2022, November 2022, at 17:00 CET)
- <https://medphab.eu/open-call/>
- Email address for further information: [helpdesk@medphab.eu](mailto:helpdesk@medphab.eu)

# MedPhab's open call for demo cases

3 <sup>rd</sup> Party/Client	Support for MedPhab services (Budget provided to MedPhab partners via MedPhab–Demo case fund)	3 <sup>rd</sup> party in-cash contribution (on top of optional in-kind contribution)
SME (EU-based)	75%	25%
Large company (EU-based)	50%	50%

Total budget of MedPhab Demo Case Fund: 1.85 M€  
Maximum EU-contribution per project: 125 K€

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# Thank you for your attention