

MAISI – The Translation of Complex Medical Devices from Early Designs to Clinical Evaluation using Novel Technologies and Innovation

6 - 7 September 2021 | Sheffield, UK

A. Vanhoestenbergh^{1,2}, M. Capes¹, G. Dubost¹, H. Fazenda¹, C. Heaysman¹, A. Jackson³, R. Razavi¹, S. Ourselin¹

¹School of Biomedical Engineering and Imaging Sciences, King's College London, ²Aspire CREATE, Division of Surgery and Interventional Sciences, University College London, ³Biosciences Institute, Newcastle University NE2 4HH

MAISI

Facility for the **M**anufacture of **A**ctive **I**mplants and **S**urgical **I**nstruments



Specialised manufacturing facility for active implants and surgical instruments (Class II & III).



Dedicated quality management system (ISO 13485) and regulatory understanding.



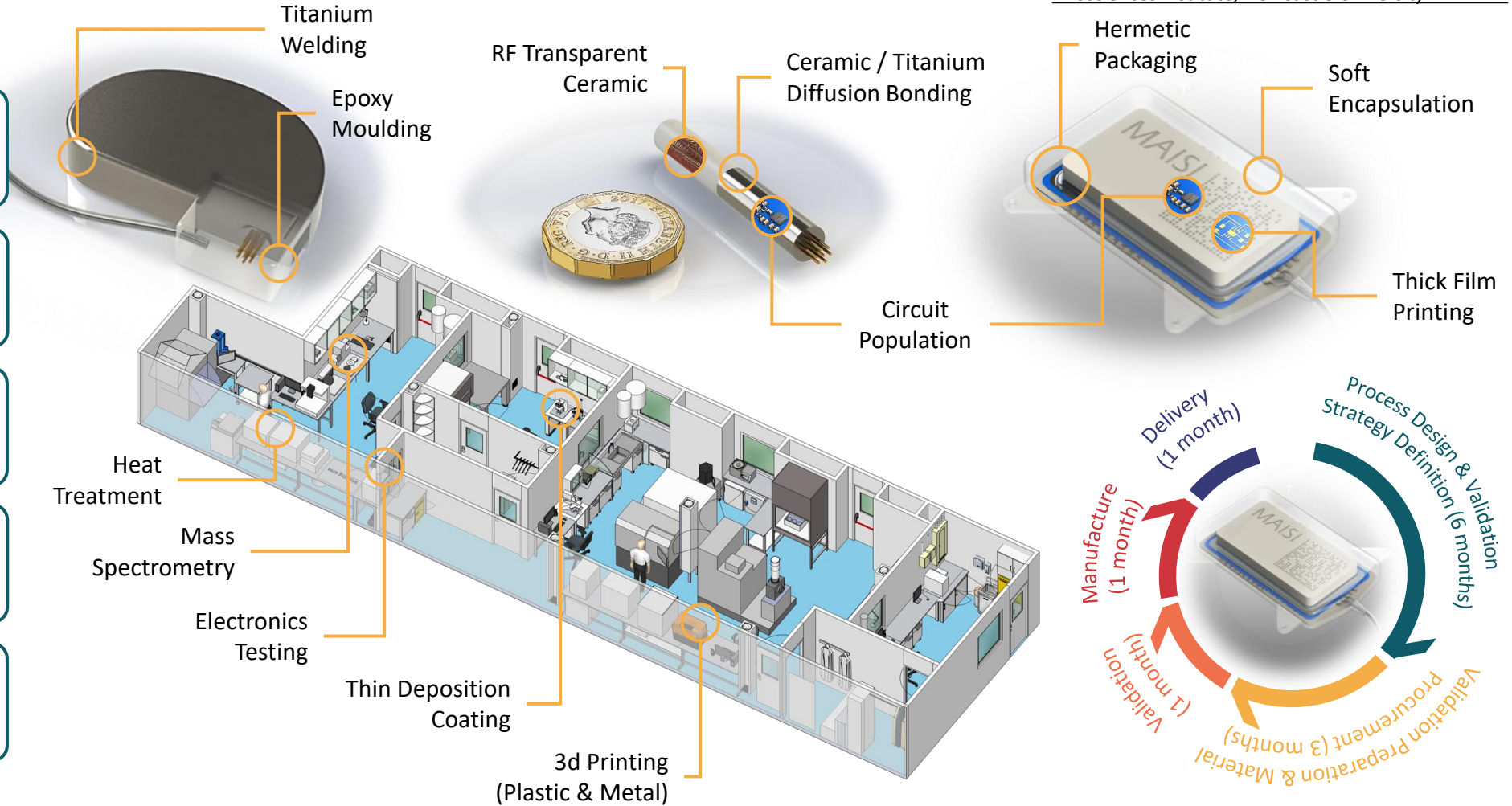
Within St Thomas' MedTech Hub as a collaboration between King's, UCL & Newcastle University.



Accelerate translation of new medical devices from conceptualisation to evaluation.



Currently under design & construction. Fully staffed facility to be operational 2023.



*Timescales are project specific

We acknowledge the support of the Wellcome Trust (214906/Z/18/Z and 218286/Z/19/Z) and Wellcome /EPSRC Centre for Medical Engineering (WT 203148/Z/16/).