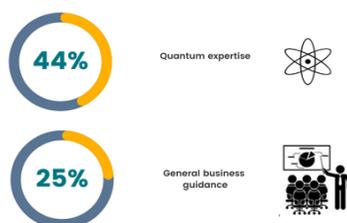




Services found most useful:



# CIAMM

## Evaluation Summary

### Delivered by EPM

CIAMM project investing in quantum technology to support sensor technologists, systems engineers, and SME businesses in Greater Birmingham & Solihull



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EPM carried out the Final Evaluation for CIAMM's 3 year grant programme set to end in August 2021. It was led by the University of Birmingham and funded under Priority Axis 1 of ERDF funding.

## About CIAMM

This innovative programme supported sensor technologists, systems engineers, and SME businesses in developing products, services and processes which utilise the benefits of quantum technology. It aimed to create an internationally significant Quantum Technology Innovation Hub and stimulate commercial applications of quantum technology in the region. It provided a range of services, including mentoring and coaching, access to Systems Engineering and Design expertise, support from the UK National Quantum Technologies Programme, and access to finance available for concept demonstrator development. 78% of beneficiaries were very satisfied or satisfied with the service.

## The methodology for the interim evaluation comprised three stages:

*Step 1:* Design and Plan the Summative Assessment: with inception meeting, documentation familiarisation and designing of surveys and 'Aide-Memoires'

*Step 2:* Final Data Collection: with beneficiary and counterfactual surveys and 1-2-1 phone interviews, case studies and management team workshop

*Step 3:* Final Summative Assessment Report: presenting the actual performance and recommendations from the remaining duration of the project

## Focus on Beneficiaries

The services found most useful are quantum expertise (44%) followed by general business guidance (25%). A total of 18 new jobs created. 15 new jobs were generated by 19 beneficiaries, 21% reported creating at least one job and 16% of companies reported safeguarding at least one job. 3 new jobs by 5 counterfactuals, 40% reported creating at least one job and 0% reported safeguarding at least one job. In total, 3 new jobs were created and 0 jobs were safeguarded across 5 counterfactual companies.

## The EPM Team recommended

The project is expected to underspend by £1.45 million. EPM recommended that this funding is re-invested in successful initiatives such as more 12-hour support programs, including peer-to-peer assistance.



*"It has been an absolute pleasure working with the EPM team from the initial briefing meeting, right through to project completion. Their committed and enthusiastic approach made the process very straight-forward. When compared with some of the other traditional ERDF projects, CIAMM was a very different proposition focusing on the emergent and niche area of quantum technology. However, EPM grasped this fully and ensured they were able to provide a well-structured and balanced final report, with extremely useful inputs from a range of clients. I would have no hesitation endorsing them for future work".*

- Julian Moore, CIAMM Project Manager

## Getting Dirty Ltd Testimonial

Prior to joining the CIAMM initiative, Getting Dirty Ltd was looking to access world-class quantum expertise to help them design timing and sensor technology developed through quantum and radar that would aid the prevention of injuries in extreme sports.



Getting Dirty Ltd gained significant advice and confidence by participating in the CIAMM programme, enabling them to develop and establish a new prototype, the proof of concept of which is in the process of completion. The new prototype is inclusive of quantum, radar and sensors.

*"I was unsure of the feasibility of my concept. At the initial meeting I was embarrassed that the team would think it was a futuristic possibility. To my surprise, they immediately acknowledged and agreed that this was something they could assist with. The team recognised the need and realised that this might save lives."*

– Lorraine Duffy, CEO and founder of Getting Dirty Ltd



## BlueFin Energy Testimonial

BlueFin Energy was looking for a sustainable form of renewable energy that responds to the shift in consumer demand for environmentally friendly energy sources. They were seeking quantum expertise to assist in the development of this novel technology.

CIAMM provided BlueFin Energy:

- Knowledge of quantum technology
- Research help
- 1-2-1 specialist advice
- Help with brainstorming
- Idea exchange process
- Connecting the company with collaborators

Taking part in CIAMM enabled BlueFin Energy to design and develop the technology necessary to create hydrogen plants that can compete with non-renewable energy sources.



*"The whole experience has been fantastic. We have worked with the CIAMM team for 2 years and have a great relationship with them. They are like family now."*

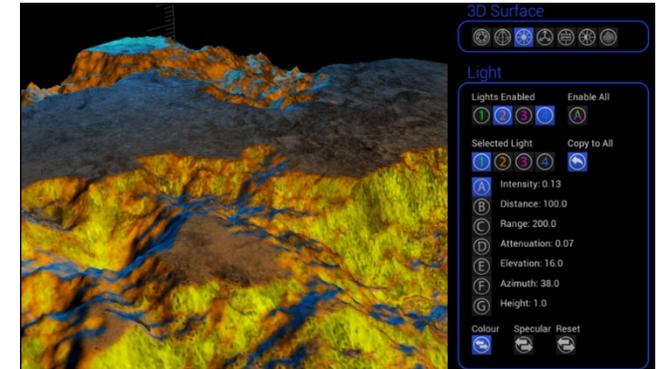
– Stephen Ford, CEO of BlueFin Energy



## Observant Innovations Testimonial

Prior to joining CIAMM, Observant Innovations was facing complex multidimensional calculus problems in their computational 3D surface reconstruction system and was looking for quantum expertise to substantiate their approach to fix them.

CIAMM provided Observant Innovations with valuable expertise from academic researchers working at the forefront of quantum technologies. They participated in several meetings with Professor Kai Bongs, Dr Iain Styles and Julian Moore which validated their R&D approach for their Inspect 3D innovation and opened opportunities for collaboration in future projects.



Observant Innovations is currently developing Inspect 3D, a portable, single operator, high resolution, non-contact digital imaging inspection and measurement system.

*"It was very good for our morale to see our tech assessed by leading academics, and receive positive qualitative affirmation"*

– John Scholes, Chairman of Observant Innovations

