

Innovation Voucher Projects (Invest NI)

Since 2020, the Medicines Optimisation Innovation Centre (MOIC) has acted as a **Knowledge Provider for Invest Northern Ireland**. This role enables **small and medium-sized enterprises (SMEs) and potential entrepreneurs** to collaborate with MOIC, accessing specialist expertise and skills to support the development of innovative healthcare solutions.

Support is delivered through **£5,000 Innovation Vouchers**, with the objective of **stimulating innovation across Northern Ireland** by providing targeted knowledge, insight and technical input to SMEs.

Innovation Voucher projects are typically **short-term and focused on early-stage development**, supporting organisations to explore feasibility, refine concepts and identify opportunities for further progression.

Project Overview

Through Innovation Voucher activity, MOIC works with partner organisations over a defined period to provide **knowledge exchange, expert advice and structured evaluation**.

Support may include:

- Knowledge-sharing workshops
- Review of proposed technologies or concepts
- Assessment of functionality and data requirements
- Feedback on regulatory, clinical and implementation considerations
- Development of summary reports and recommendations

These engagements are delivered under appropriate governance arrangements, including **contracting, project oversight and structured reporting**.

Innovation Voucher Projects Delivered

AI-Powered Medication Reminder System – Medical AI Solutions

This project explored the use of **artificial intelligence to support medicines adherence**.

Focus:

- Knowledge sharing
- Functionality testing

Activities:

- Delivery of two knowledge-sharing workshops

- Database review and functionality testing
- Collection of user and stakeholder feedback
- Preparation of a summary report

Governance:

- Formal contracting arrangements
- Project oversight and structured delivery

This project demonstrates how MOIC supports SMEs to **develop and refine digital health solutions through collaborative working and applied expertise.**

Enhanced Dementia Diagnosis – Nightingale Analytics / NHSCT (Phase 1)

This project focused on the **early-stage exploration of enhanced approaches to dementia diagnosis** using data and analytics.

Activities included:

- Initial scoping and knowledge exchange
- Development of a report outlining key findings and learning
- Preparation for follow-up stakeholder engagement, including feedback interviews

Outputs:

- Structured report to inform future development and potential next steps

All-in-One Face Covering – Hi Viso

This project supported the development of an **integrated face covering designed to protect the eyes, nose and mouth** for use in healthcare environments.

MOIC Contribution:

- Provision of specialist healthcare insight and experience
- Advice on requirements for use within healthcare settings
- Input on considerations necessary to support progression towards a compliant product

Outcome:

- Enhanced understanding of clinical and regulatory requirements to inform product development

Clinical Practice and Governance

Innovation Voucher projects are delivered within **appropriate governance frameworks**, ensuring that all activity is conducted in line with healthcare standards and organisational requirements.

These projects are designed to support:

- **Early-stage innovation and feasibility assessment**
- **Knowledge generation and concept development**
- **Preparation for further testing, evaluation or commercial development**

They do **not represent commissioned healthcare services**, but instead contribute to the **innovation pathway**.

Achievement of Project Objectives

Innovation Voucher projects have supported:

- Development and refinement of innovative healthcare concepts
- Increased understanding of technical, clinical and regulatory requirements
- Identification of opportunities for further development and evaluation

These outcomes contribute to the wider aim of advancing **medicines optimisation, digital health and healthcare innovation**.

Partners Involved

Projects are delivered through collaboration between:

- **Medicines Optimisation Innovation Centre (MOIC)**
- **Invest Northern Ireland**
- **Small and medium-sized enterprises (SMEs) and innovators**
- **Health and Social Care stakeholders**, where appropriate

This collaborative model enables the sharing of knowledge and expertise to support **innovation and improved patient outcomes**.