



Oifig
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Local
Enterprise
Office



We have the tools
and know how to turn
ideas into reality,
and our collaborative
approach delivers
excellence across
complex projects.



Colm O'Hagan,
Project Engineering

...Let's talk business



Comhairle Contae Lú
Louth County Council



The Project Engineering Story



We've built our business and our reputation by consistently delivering precision for our clients.

Started in 2006, Project Engineering is an Ardee-based professional services firm, providing expertise in Mechanical Product Development and Machinery Safety. Their skills in 3D, CAD, FEA, combined with design for manufacture and machine safety expertise, sets them apart from competitors. The company employs 7 engineers and serves customers across Ireland and Europe.

Managing Director of Project Engineering, Colm O'Hagan explains:

We are leading providers of Mechanical Engineering Services to the Manufacturing and Technology Sectors. We have the tools and know how to turn ideas into reality, our collaborative approach delivers excellence across complex projects.

Our clients break down into two categories. The first are businesses who manufacture mechanical goods such as industrial equipment or commercial vehicles. The second are companies that don't make mechanical products but use a lot of machinery in the production of their goods such as medical devices, pharmaceuticals, electronics, or construction materials.

Our **Mechanical Design** service helps customers refine prototypes into professional designs that can be efficiently manufactured in volume.

We design-in compliance and simulate how products behave under real world loading conditions to validate designs, identify material savings, and improve performance.

We provide on-demand **Engineering Resources**, supplementing clients engineering teams during busy periods or by completing development work. This allows our customers to respond to peaks in activity.

We combine our Mechanical Design and Engineering Resources services with a deep understanding of European directives, standards and regulations for machinery. The integration of **Machinery Safety** into our service really is our USP. We assess products, identifying non-conformities and recommend corrective actions. We also offer **Machine Guarding** solutions in partnership with industry leader Axellent.

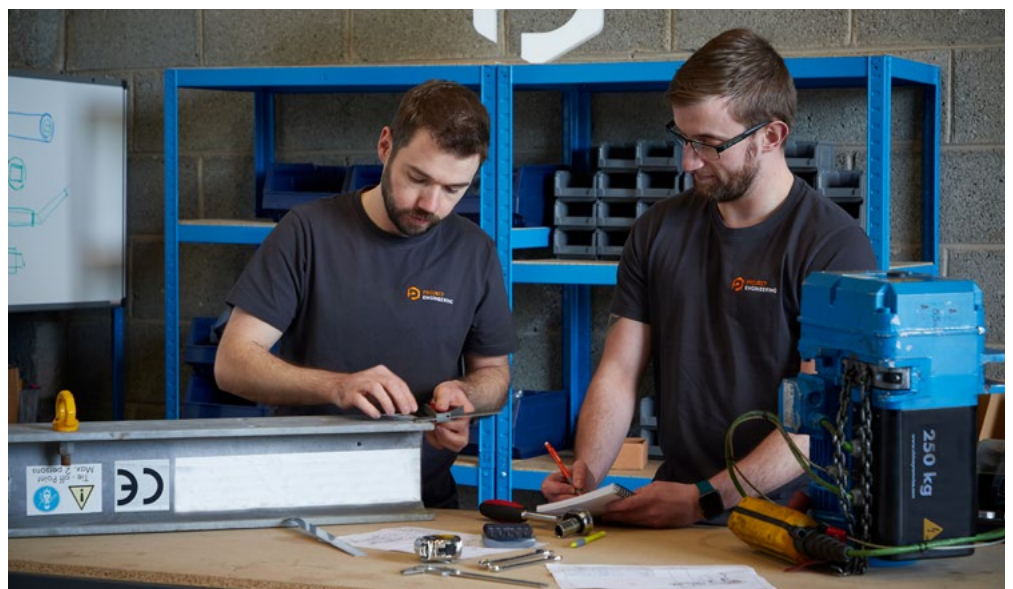
And finally, our **Project Management** service uses our in-house skills and resources to manage client projects. Whether working with an OEM to manage new product development or on a safety upgrade in wider industry, we take ownership of the project and progress to completion.

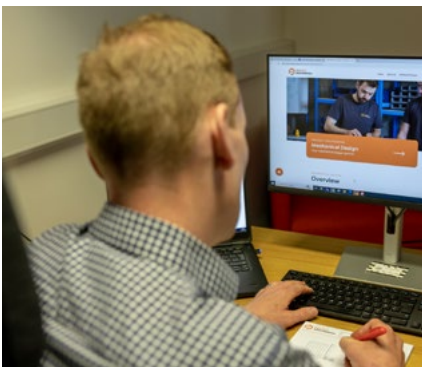
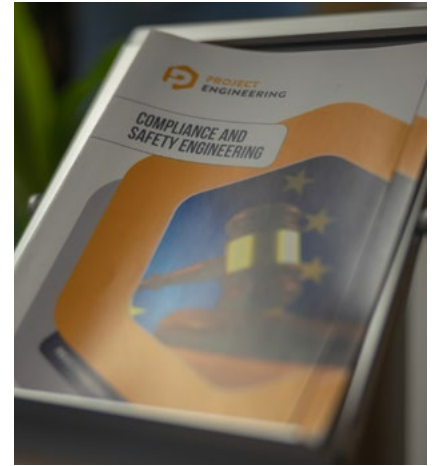
Engineering is all about precision. We've built our business and our reputation by consistently delivering precision for our clients.

Watch The
Project Engineering Story
On YouTube:



SCAN ME





What supports did you receive from your Local Enterprise Office?

Our first interaction with Local Enterprise Office Louth was when we moved to our new premises in Ardee, back in 2015. **Feasibility** and **Business Expansion Grants** helped us to develop the business infrastructure that we needed to grow. In addition to professional offices, we developed a multi-functional workshop, where we assemble products, inspect machinery for compliance, and reverse engineer components.

Access to **Mentoring** has always been really important. Mentors are invaluable in helping us to find solutions, exploit new opportunities and plan for future growth.

Every business, no matter how efficient, can do things better. Lean is a process that helps business to identify how, and develop new systems and procedures. Undertaking **Lean for Micro** was a really beneficial for Project Engineering. It challenged us to step back and look at our systems and processes. It helped us to identify where we were really adding value and where we could eliminate waste, thus making us more efficient. We repeated it during COVID to help us to adapt to the changing marketplace and opportunities.

Taking part in the Innovate Accelerate Europe programme was a real eye-opener. This trade readiness programme connected us with other business owners across the north east and in other European locations. It helped us to identify opportunities to collaborate and trade with other companies.

What difference would you say that Local Enterprise Office Louth has made to your business?

Local Enterprise Office Louth have really helped Project Engineering to develop and grow. At each stage of development, they have had a support, a programme or a resource for us. Our Local Enterprise Office are always our first port of call as we continue our incremental growth.

What advice would you give someone starting off in business?

Be flexible. Look for opportunities. Be ready to adapt. Ask for help. Work hard and enjoy the journey!

Discover more about the supports Colm mentions in his story



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Feasibility Grant

Feasibility Study Grants are designed to assist with researching market demand for a product or service and examining its sustainability.



Business Expansion Grant

This grant is designed to assist the businesses in a growth phase, after the initial 18 month start-up period. A Business Expansion Grant may be paid to buy new equipment, help with direct business costs such as salary, rental costs, utilities, marketing and consultancy costs but cannot not be used to buy a building, land or mobile assets.



Mentoring

Mentoring matches up the knowledge, skills and insights of experienced business practitioners with small business owner who need practical and strategic one-to-one advice and guidance. Mentors contribute independent, informed observation and advice to aid decision making.



Lean for Micro

Lean is about doing things quicker, better and saving costs. Lean strives to remove waste and to continually improve a company. Lean For Micro is designed to encourage clients to adopt Lean business principles in their organisations to increase performance and competitiveness. Lean is for all companies, regardless of sector

Visit www.localenterprise.ie/louth to find out more about these and other supports.



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