

AMIC CONNECT

JULY 2025 EDITION

Advancing innovation, collaboration and impact!

As we embrace the height of summer, AMIC continues to drive innovation and collaboration across Northern Ireland's advanced manufacturing landscape. This edition brings you:

- ✓ Industry-shaping collaborations
- ✓ Skills development breakthroughs
- ✓ Project milestones worth watching

From cutting-edge research to real-world industry impact, we're proud to share the latest developments in our growing ecosystem. Dive in to discover how AMIC and our partners are building a more competitive, sustainable future for manufacturing.

PLACEMENTS

The Strategic Talent Pipeline Powering Advanced Manufacturing

In today's skills-driven economy, placements and internships are no longer just resume fillers, they're vital talent pipelines fostering innovation and bridging critical gaps. With 71.4% of interns retained by top firms and every £1 invested generating £3-£5 in return, work-based learning is a game-changer for businesses and talent alike. At AMIC, work-based learning is shaping the future workforce while delivering measurable ROI for businesses.

Discover how work-based learning is shaping the future of advanced manufacturing—and how your organisation can benefit.

[Read Full Article](#)

In Case You Missed It

AMIC TECH SESSION: Moldex3D for Sustainable Manufacturing

Dr. Paul Hanna and PDS Vision's Dr. Tomas Brownsmith led an insightful Tech Session on Moldex3D Simulation, showcasing its role in smarter, greener manufacturing. Key takeaways:

- Sustainability in focus: Light-weighting, recycled material optimization, and CO₂ reduction strategies
- Beyond traditional methods: RTM for composites, compression moulding, and electronics potting applications
- Data-driven validation: Bridging simulation with real-world trials for efficiency and traceability

Missed it? Want to explore simulation-driven sustainable manufacturing? Contact our team!



Smart Industry Next Cluster Launches with 18 SMEs

AMIC and Kiverco Ltd. successfully launched the Smart Industry Next cluster on 22nd July, supported by Invest NI's CAP programme. This collaborative network brings together 18 diverse SMEs in Agri-Food, Engineering, Plastics, and other sectors to accelerate digital transformation.

John Irwin, Kiverco MD (Lead SME):

"Kiverco is delighted to be the lead SME in this Digital Cluster and to have the experienced Michael Polson as Facilitator. The interest shown from a cross-section of industry, from all over Northern Ireland, clearly demonstrates recognition of the need for digital transformation. It pervades both the running of our businesses and the integration of digital technology into our products. Non-competitive collaboration between the participating companies, with support from Invest NI and AMIC, will undoubtedly advance their capability and performance, identifying new roles and skills for the future and contributing to DfE's vision for the NI economy of good jobs, regional balance, net zero and productivity."

Interested in joining? Contact Catherine Clydesdale:
c.clydesdale@qub.ac.uk



SMART
INDUSTRY
NEXT

Skills Hub

Composites UK Skills Pledge

AMIC is proud to be supporting Composites UK's Skills Pledge! Composites play a vital role in the future of UK's manufacturing, and at AMIC, they are committed to helping develop the talent and skills this sector needs to thrive.

AMIC will be:

- ✓ Engaging with schools to raise awareness of careers in composites
- ✓ Partnering with colleges and training providers to shape apprenticeship pathways
- ✓ Supporting upskilling and lifelong learning across the workforce

By working together across the industry, they are helping to build a stronger, more sustainable future for composites in the UK.



The visit by Economy Minister Dr Caoimhe Archibald and Finance Minister John O'Dowd reinforced AMIC's role as a catalyst for Northern Ireland's advanced manufacturing future. The ministers highlighted:

- AMIC's alignment with the £930m Belfast Region City Deal
- The £98m investment creating 1,500 jobs and upskilling opportunities
- Our unique "triple helix" partnership between government, academia and industry

With construction nearing completion, the Factory of the Future stands as both a physical hub and a symbol of NI's innovation ambitions.

"This is more than a building - it's the foundation for Northern Ireland's next manufacturing chapter." - Sam Turner, AMIC CEO

This also spotlights the powerful collaborations making AMIC possible:

- Queen's & Ulster Universities providing academic excellence
- Antrim and Newtownabbey Borough Council's regional support
- Henry Brothers Ltd delivering the landmark facility

"This partnership model is how we build lasting impact." - Prof Sir Ian Greer

Thank you to all partners helping bring this vision to life.

Stay updated as we prepare to open our doors!



What's coming up?

Northern Ireland Manufacturing & Supply Chain Conference & Exhibition 2025

Date: September 11th, 2025

Time: 9 am-4 pm

Location: Eikon Exhibition Centre, Lisburn

AMIC is proud to once again sponsor Northern Ireland's premier manufacturing event, which features cutting-edge innovations in Industry 4.0, sustainable production and supply chain solutions. Meet our team (including senior leaders and some new faces!) during presentations, panel discussions, and networking sessions, to discover how AMIC is shaping the future of advanced manufacturing and opportunities for collaboration.

Join hundreds of peers to explore technologies transforming tomorrow's factories.

[Get your free tickets](#)



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