



# NEWSLETTER

AUGUST 2025

## SUMMER MOMENTUM

REAL WORLD IMPACT

Summer in Northern Ireland may have been a little unpredictable, but at Momentum One Zero the forecast was all clear skies for innovation. From April through August we've been convening brilliant minds, accelerating projects, and strengthening the innovation ecosystem across Health, Agri-food, Cyber, Fintech, Sustainability and Space.

### PROGRAMME & PROJECT HIGHLIGHTS



#### EPSRC IAA Workshops (Jul & Aug)

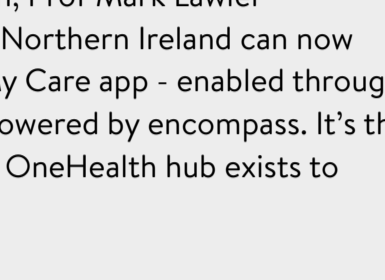
**July spotlight:** early wins across health, agri-food, cyber security, fintech, sustainability and more – with inspiring updates from Prof Adele Marshall, Dr Chris Hawthorne, Dr Charles Gillan, and Dr Lynda Perkins, along with invaluable feedback from our industry partners in the room.

**August spotlight:** tangible advances across digital health, patient safety, and behavioural AI – clear, candid roadmaps from Katrina Delargy (TIYGA Health), Dr Chris Hawthorne, Dr Charles Gillan & Ryan Forde (Medical AI Solutions); plus brilliant contributions from Hannah Cummings (Catalyst) and an audience that came ready to challenge and co-create.

**Takeaway:** the pipeline is healthy, cross-hub collaboration is growing, and we're moving from pilots to practical value.

#### One Health, one island – PEACEPLUS award

We're proud to be one of lead academic partner in ONEHEALTH (€9.85m, PEACEPLUS), harnessing AI and collaborative R&D across borders to tackle challenges across the human-animal-environment health. This initiative will bring together researchers from multiple disciplines and actively support cross border SMEs in their digital transformation journeys. It aligns directly with our Digital One Health mission and the Hubs of Impact approach.



#### A "Thomas Edison lightbulb moment" in digital health

In a major milestone for digital health, Prof Mark Lawler announced that 1.8m citizens across Northern Ireland can now access their health records via the My Care app - enabled through the region-wide digital integration powered by encompass. It's the kind of system-level shift our Digital OneHealth hub exists to amplify.

### WORKSHOPS WE HOSTED & FACILITATED

#### UK Autonomous and Connected Earth (ACE) Workshop with STFC & NI SPACE (15<sup>th</sup> May)

Space, data and autonomy – connecting policy, industry and research through space-powered services across agriculture, energy, transport and planning.

#### AI-Driven Healthcare: Innovations for Tomorrow's Doctors (22<sup>nd</sup> May)

From diagnostics and clinical safety to drug discovery and digital innovation, speakers from AWS, Google, Microsoft, EY, Accenture, Albion VC, Eolas Healthcare, QUB and Momentum One Zero challenged the next generation to build trustworthy, usable AI

#### CySpace Connected Capability Network (CCN) – Belfast workshop

On 3<sup>rd</sup> June, a UK-wide Space Domain Awareness & Cyber capability mapping exercise hosted at Momentum One Zero, aligning to the national Requirement Catalogue and opening pathways to collaboration, grant calls and commercial work.

#### AgriFood Connect: Building Networks, Driving Growth

On 5<sup>th</sup> June we brought together over 60 agrifood tech companies, innovators and researchers from across the island of Ireland to Queen's to drive cross-border collaborations and help bridge the gap between innovative research and practical market ready solutions for small-medium sized companies.

### EVENTS & ENGAGEMENTS (APR-AUG)

#### Big Data New York!

Team NI compared notes with US counterparts on sustainability, routes to market and talent. We showcased how Belfast's ecosystem – AICC talent pipeline + Momentum One Zero's research-translation & engineering capability – gives companies a genuine soft landing to innovate and scale.



#### Balmoral Show—Agri-Food engagement done right

Our Agri-Food Health BD Manager Michaela Fox turned heads (and sparked proper conversations) with a miniature toy farm to explain FlockFocus and camera-based monitoring on farms. Proof that deep tech can be accessible, useful – and fun.

#### ISAM 2025 (Belfast) & UK Space Conference (Manchester)

Our BD Manager for Space Norbert Sagnard engaged with sector stakeholders across sessions and networking; ISAM is expected to be a multi-billion market by 2030 and NI SMEs and QUB have relevant capabilities to contribute.

#### AICON Silicon Valley

On 22<sup>nd</sup> May, at AICON Silicon Valley, Judith Millar, Director of Operations at CSIT, joined a panel discussion with Kainos leaders Andrew Wright and Tom Gray, exploring how cyber security is enabling safe, scalable AI adoption – particularly where trust and resilience are non-negotiable.

#### Industry Advisory Board (IAB) – Meeting #3 (and #2 of 2025)

With Ruth McGuinness, kindly standing in as Chair, we reviewed Year-1 delivery, working-group progress and commercialisation pathways – plus an insightful look at innovation in action at Xirgo Technologies.

#### Big Data Dublin (Microsoft Ireland)

Dr Stephen McCabe joined discussions on AI value, risk and trust, emphasising customer-centric delivery, secure adoption, and the verification of AI systems – with lessons to fold back into our programmes.

#### NI Assembly Committee for the Economy – visit to CSIT & M1.0

We demonstrated how research excellence becomes MVPs, commercial value and sector growth through our Cyber-AI Hub model, now being replicated and extended via Momentum One Zero across Health, Agri-tech, Fintech and Space.

#### Visit of CDL (Chancellor of the Duchy of Lancaster)

We welcomed the Chancellor of the Duchy of Lancaster in June, showing how our cyber and AI research is translated into commercial solutions that drive economic impact, strengthen collaboration, and support UK technology priorities.

#### M1.0 joins Organisational Insights Exchange Programme

Through the NI Research Professionals Network, Dr Harshal Patil (BD Manager – Health) spent a placement at the Medicines Optimisation Innovation Centre, gaining fresh perspectives on health sector challenges and exploring new collaboration opportunities.

### PEOPLE & RECOGNITION



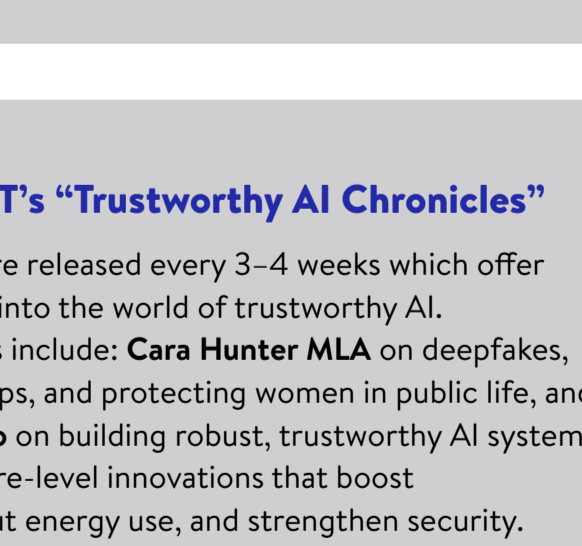
#### Congratulations, Judith!

Judith Millar was named Tech Advocate of the Year at the 2025 Women in Tech Awards – a testament to her leadership across CSIT and the broader ecosystem we champion at Momentum One Zero.

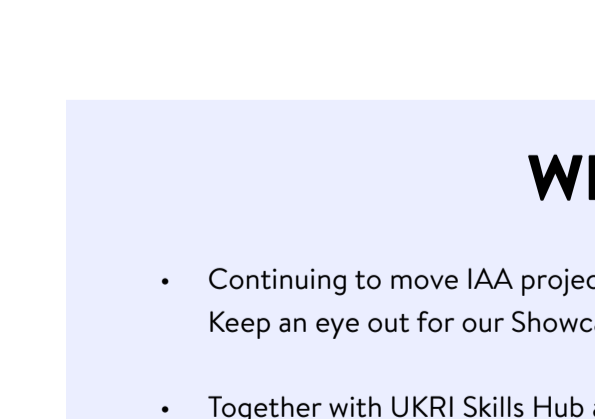
### In Case You Missed It! – Thought Leadership & Media

#### Report

Harnessing the Power of Data to Transform Cancer Research, on 14<sup>th</sup> May at the All-Island Cancer Summit, with contributions from Momentum One Zero.



[Read more](#)



#### Podcast: CSIT's "Trustworthy AI Chronicles"

New episodes are released every 3-4 weeks which offer ongoing insight into the world of trustworthy AI. Recent episodes include: **Cara Hunter MLA** on deepfakes, and **Stefano Di Carlo** on building robust, trustworthy AI systems through hardware-level innovations that boost performance, cut energy use, and strengthen security.

[Listen Now](#)

### WHAT'S NEXT?

- Continuing to move IAA projects from prototypes to pilots, and pilots to product-ready. Keep an eye out for our Showcase event on 18<sup>th</sup> September.
- Together with UKRI Skills Hub and PwC we are running an exciting event on Demystifying AI for agri-food companies in NI: How can businesses upskill and seize the opportunity? Get in touch to join us on Wednesday 1<sup>st</sup> October at 2:30pm as we have expert speakers addressing concerns and barriers to effective AI adoption, outlining the support available to NI companies to get started and skill up, followed by a networking drinks reception to connect, get inspired and learn from industry peers.
- We are looking forward to our next AgriFood Connect: Building Networks, Driving Growth networking event in Dublin on 2<sup>nd</sup> October!
- Our Space Hub of Impact (Lead: Norbert Sagnard) will launch in Q4-2025 and workshops are being held in August with local SMEs to co-design its shape and contents.
- More joint workshops with partners to accelerate adoption – and a few surprises we can't announce just yet. Stay tuned!

**If you're ready to co-design, test and de-risk your next digital product, we're here to help.**

### Looking Ahead to an Exciting Autumn!

As the summer draws to a close, our focus turns to the opportunities the next season will bring. The months ahead promise new projects, deeper partnerships, and fresh ways to turn ideas into impact.

Thank you for being part of the Momentum One Zero community. Whether you're pioneering breakthroughs in AI, advancing health innovation, or exploring new frontiers in space and agri-tech, we're proud to be on this journey with you.