

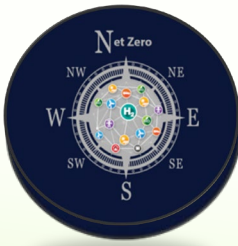


► GenComm

GENERATING Energy Secure COMMUNITIES

The Sat Nav for Green H2 Deployment

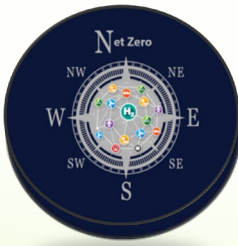




POWERING THE GREEN ECONOMY

LOUISE WARDE HUNTER

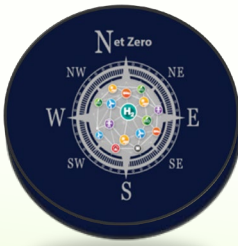
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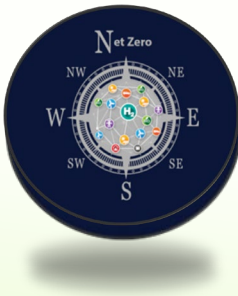
AHEAD OF THE H2 CURVE

- ▶ From its inception in March 2017 GenComm has been ahead of its time
- ▶ Positioning Northern Ireland at the vanguard of the clean energy revolution
- ▶ Ensuring we are well positioned to take full social, commercial and economic advantage of the new clean economy

SKILLS ARE KEY



- ▶ The GenComm project has proved to be a key catalyst helping drive the clean hydrogen energy transition.
- ▶ Hydrogen is one of the clean energy solutions that will decarbonize Europe's industry, transport, buildings, and energy sectors, demonstrated by the ambitious targets for production of hydrogen set by the European Green Deal and REPowerEU.
- ▶ Skills will be key in translating the policy ambitions into reality. Belfast Met is delivering the skills mechanisms, modules and mobility that will provide the foundations for a sustainable clean energy economy.'



TRANSITION ECONOMIES

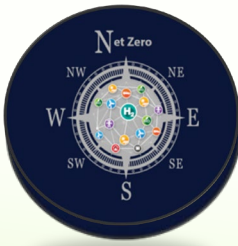
- ▶ Building world class FE industry partnerships
- ▶ Creating new cohesive skills provision Powering 10X for a sustainable future
- ▶ Design, Development and Delivery innovative curriculum solution, enabling learners to engage in a *cycle of participation*



SHIFTING ECONOMIC PARADIGMS

We are living in a time of exciting technological innovations. Hydrogen is driving transformative change. Economic paradigms are shifting, new technologies are reshaping product and factor markets and profoundly altering business and work. The latest advances in clean energy technologies and related innovations are expanding the frontiers of the clean energy revolution. Our shared digitalisation approach - learning technologies, digital tools and pedagogies - helping close the skills gaps so that Northern Ireland has the skills it needs for an economy in transition.

- ▶ Creating a sustainable skills system that is geared to adapt, continuously and rapidly, with the channels to those whom are key to deploying the skills to accelerate economic growth.
- ▶ Transitioning to a world class skills system that is agile, flexible, and responsive. Where all skills especially vocational skills are valued and celebrated as the engine of a sustainable economy.
- ▶ This will be achieved by a skills system underpinned by digital tools and pedagogies, that delivers employer needs and is open and accessible to all.

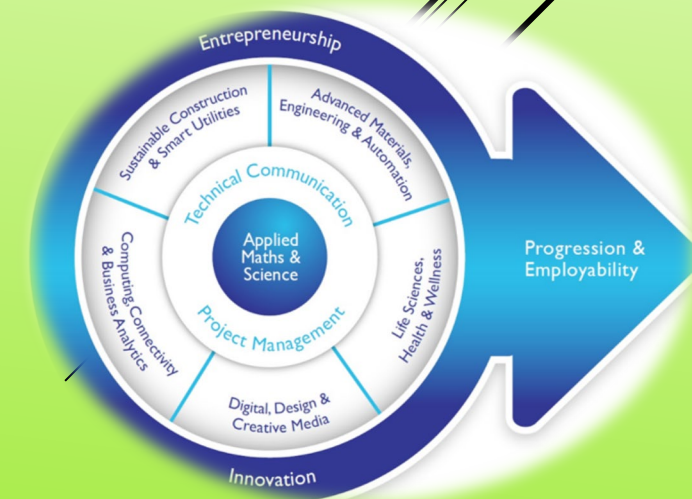


ADDRESSING THE SKILLS CHALLENGE

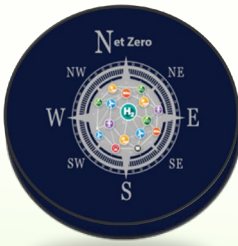
- ▶ Clean energy transitions will require innovative solutions and business models to be adopted and greater participation from a diverse talent pool.
- ▶ Change is the new normal, how can we deliver the skills required for the construction sector, an economy in transition?
- ▶ FE working to create a better skills system, addressing the challenges of the here and now, stimulating demand and building capacity to adapt and deliver the skills we need for the future

GREEN ECONOMY

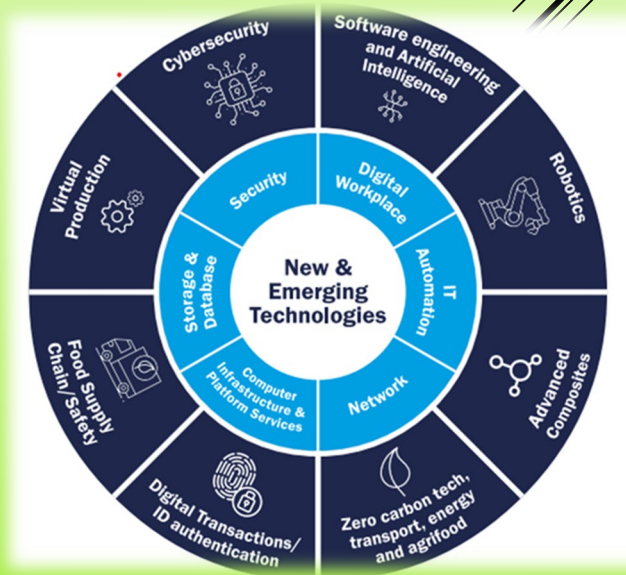
- ▶ Developing a cohesive FE curriculum
- ▶ Delivering enhanced economic growth/social inclusion benefits
- ▶ Broadening the reach of skills development to be more inclusive in the new economy
- ▶ Assisting learners progress to higher skill levels and supporting the development of vocational and higher skills
- ▶ Contributing to the promise of skills development for all
- ▶ Moving NI out of the low skills equilibrium
- ▶ Developing hybrid training courses with industry
- ▶ Broadening the curriculum and employment pathways
- ▶ Assisting all to reach their potential through inclusive growth.

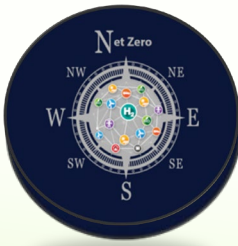


DEVELOPING A SUSTAINABLE CURRICULUM



- ▶ Significant advances in the skills required to develop the 10 technologies identified in the 10X Economy.
- ▶ Develop new opportunities for FE working in partnership with HE to help to develop innovation and skills to the benefit of Green Growth, digitalisation and economic development
- ▶ Demonstrable evidence and foundations for FE to scale up its provision of digital skills across all subject areas, ensuring all learners are work-ready and equipped to meet industry needs
- ▶ Deliver enhanced skills intelligence and ensure that our learners have the right skills for jobs





CONCLUSION

The new clean economy presents a significant economic and environmental opportunity for Europe, but it also creates considerable labour market challenges.

Belfast Met is meeting these challenges

- Delivering Green Skills for Hydrogen
- industry and market ready programmes and qualifications,
- anticipating the latest market needs
- leverage all instruments and tools,
- providing continuous green and digital skills, and ongoing career development to empower workers and technical professionals.
- To stay ahead in this dynamic landscape, we are working with both workers and employers to focus on cultivating key green growth skills.