

Coventry sixth formers impress sustainability experts with their AI acumen

Talented students in Coventry have earned plaudits from a global energy and water consultancy for their imaginative use of Artificial Intelligence to build a cleaner and healthier planet.

Year 12 students from WMG Academy for Young Engineers in Westwood Heath participated in Mission: Sustainability, an innovative community partnership programme run by Enzen, a global knowledge enterprise specialising in net zero and headquartered in Blythe Valley Park, Solihull.

The four-week challenge, launched during National Apprenticeships Week in February, saw 39 students studying science, engineering, technology and maths divide into eight teams.

Drawing on industry expertise and resources provided by Enzen, the students tackled a challenge themed on 'How can AI be used to create a more sustainable world?'

Mission: Sustainability culminated with each team presenting their solutions to a panel of judges comprised of academy teachers and members of the Enzen UK leadership team.

The students' ideas addressed a range of energy and environmental challenges, from river pollution and agricultural productivity to waste management and more sustainable computing.

Stewart Tait, CEO of WMG Academy Trust, said: "The WMG Academy Trust is delighted to be in partnership with Enzen, a prestigious, global leader in the latest engineering and water technologies. The Mission Sustainability project has given WMG students the opportunity to work and collaborate with industry leaders and experts in the latest innovative solutions and showcase their talents and skills to investigate more sustainable ways of solving tomorrow's problems today."

Louise Carter, Head of People and Culture for Enzen in the UK and Europe, said: "The quality and creativity of the students' ideas was excellent and our judges were impressed with the sophistication of the solutions.

"Enzen's mission as a company is to make energy and water more accessible, affordable and sustainable for all. Inspiring the next generation to work collaboratively and creatively, so they can apply new technology responsibly, creatively and for the wellbeing of our planet, is fundamental to this.

"We were proud to partner with the WMG Academy for Young Engineers and are excited to see so much young talent showing passion and knowledge for the subject."

The eight teams were awarded either Gold, Silver or Bronze classification during a YouTube show on Friday 12 April, available to watch at [Enzen.link/MS2024Awards](https://enzen.link/MS2024Awards). Gold winners will now enjoy a work experience placement at Enzen in Solihull during the next academic year.

Enzen launched Mission: Sustainability in 2020 to inspire young people to pursue STEM careers and demonstrate how their creativity and collaboration can make a real difference to the future of our planet.

Running every year since, Mission: Sustainability has proved a success in the West Midlands, the region where the Enzen story began in 2006 and which is home to Enzen's corporate headquarters. In 2022, the programme won the Social Impact category at the Energy Innovation Awards and the Sustainability category at the Education Awards.

For more information contact:

R Archer
Business Engagement and Student Destinations Manager
WMG Academy for Young Engineers (Solihull)
E: r.archer@wmgacademy.org.uk
T: 0121 289 3556

Phil Parrish
Enzen Marketing and Communications
E: phil.parrish@enzen.com
T: 07884 353 958

About WMG Academy for Young Engineers

The WMG Academy for Young Engineers has two campuses in Solihull and Coventry, both focused on developing careers-led education for 14-19 year olds, driven by the professional ethos and culture that is in high demand in today's businesses and industry. Discover more at <https://www.wmgacademy.org.uk>.

About Enzen

Enzen is a global, professional, knowledge enterprise that focuses on gaining, refining and sharing expertise in the energy and utility sector. It provides strategic advisory and execution of outcome-driven solutions to over 250+ leading businesses, governments, non-governmental organisations, and not-for-profits.

Enzen aspires to make energy and water accessible, affordable and sustainable for all through innovative models, technology and applications. We work with customers across the value chain to deliver sustainable and lasting improvements to their efficiency and performance, increasing their value to their customers and owners.

The business, founded in 2006, now has a presence in Australia, Africa, India, Portugal, Spain, Turkey and the UK. For more information visit www.enzen.com.