

Coventry University hopes to develop the hydrogen technology experts of the future here in the UK and Egypt.

A new project to boost greener energy use will see the university work with industry professionals, students and academics to establish sustainable practitioners in hydrogen production, storage and transport. Hydrogen has been touted as a renewable alternative to natural gas which 85% of UK homes currently rely on for electricity production.

Coventry University is teaming up with the British University in Egypt (BUE) as it looks to establish a Hydrogen Energy Training Hub as part of the project, named Hydrogen Technology for a Green Future: Strengthening Transnational Education and Curriculum Development, which has also received £25,000 in funding from the British Council.

As well as the project taking place at BUE's base near Cairo, workshops are planned at Coventry University's city centre campus, as well as online.

Dr Jayesh Shanthi Bhavan, a lecturer in Engineering Design who has led on the project for Coventry University, said: "This is an incredibly exciting project as cleaner and greener energy sources are a vital part of everyone's future, not just here in this country but across the globe.

"At Coventry University we believe that international co-operation such as this is vital for future research projects and I hope that this serves as a good first step into future collaborations between universities across the world."



Caption: Dr Mahshid Yazdi Far, Dr Jayesh Shanthi Bhavan and Dr Maria Tareen from Coventry University

Ayman Salah Abbas, Professor of Mechanical Engineering who led the project at the BUE, said: "This project aims to provide an opportunity for students, academics and industrial professionals to gain a greater awareness in emerging sustainable technologies aligning with the UN Sustainable Development Goals (SDGs) and Egypt Vision 2030.

"Participation in this important project highlights the benefit of joint transnational collaboration in education and research which is an integral part of the BUE's strategy since its inception. I expect this project will boost partnership between both our institutions in this and in other fields."

Heba Elzein, Director of Education at British Council Egypt, said: "It is a privilege for us to endorse this relationship under the British Council's Going Global Partnerships initiative, which aims to promote long-term partnerships and creative approaches in transnational education. At the British Council, we consider transnational education to be essential to growth, innovation and advancement. Our goal of promoting global co-operation and supporting higher education systems to create accessible transnational education is in line with partnerships like this."

To apply for a place on the program [click here](#).

ENDS

For further information please contact Ben Eccleston at Coventry University on 07392 097332; ben.eccleston@coventry.ac.uk; press.mac@coventry.ac.uk

About Coventry University Group

Coventry University Group is a global education group with one clear mission: Creating Better Futures. With a reputation for innovation and inclusivity, we empower students and communities across the world to transform their lives and society through teaching, learning, research and enterprise.

We have a commitment to transformative education and training, and we offer world-class campus facilities and longstanding industry partnerships that help us to nurture job-ready graduates with the skills and creative thinking needed to improve their communities.

Over almost two centuries, Coventry University has evolved to become the beating heart of Coventry, one of the largest universities in the UK and a true leader in training the nurses, teachers and engineers of the future.

Today, as a global family of education providers, Coventry University Group has grown to encompass seven sites in England and badged and branch campuses in Poland, Egypt, Morocco, China and Kazakhstan. The Group also delivers degrees through partner higher education providers in more than 30 countries and our global hubs in India, China, Singapore, Belgium and Rwanda support our vision by helping to build impactful connections with like-minded organisations across the world.

As a mission-led education group, our research is designed to tackle grand societal challenges. We adopt a collaborative approach, drawing on the cross-discipline and cross-sector expertise that lies within and across all of our research centres. The depth and breadth of our portfolio was validated in the latest Research Excellence Framework, which saw us ranked in the top half of UK institutions in the research power rankings.

Through our enterprise activity, we help to drive innovative business partnerships with a fusion of academic research and commercial knowledge. Our success in this area was confirmed in 2022 when we won the Queen's Award for Enterprise in the International Trade category, one of the UK's most prestigious business accolades, and we have established valuable partnerships with the likes of HORIBA MIRA, Unipart Manufacturing and KPIT.

We were awarded a Gold rating in the 2023 Teaching Excellence Framework, proving we deliver excellence in what students care about most – teaching, learning and achieving positive outcomes from their studies. In recent years, we have further cemented our reputation for excellence by achieving outstanding results in global and national rankings, including a 5 QS Stars Overall Rating.

We are proud to deliver transformational change for our students, partners and communities around the world as we continue to create better futures as a global education group.