

## University of East London partners with Siemens to deliver net-zero carbon by 2030

- **Siemens will deliver energy efficiency improvement measures to immediately cut 10 percent of the University's carbon emissions**
- **Subsequent project phases will see on-site, low-carbon energy production, and the installation of renewable generation infrastructure**
- **Partnership will create an inclusive talent pipeline for the green economy, and a 'living lab' for teaching and research**

The University of East London (UEL) in the United Kingdom has established a strategic partnership with Siemens to collaborate on their aspiration of achieving net-zero carbon by 2030. Siemens will deliver improvement measures to reduce overall energy use, and engineer solutions to drive the shift to renewable and on-site low-carbon energy generation at UEL's campuses in the London Docklands and Stratford.

In addition to targeting net-zero for the University's urban sites by 2030, the partnership also aims to enhance the wellbeing of students and staff, foster inclusivity by creating new learning opportunities, and to support a digital-first culture through the roll-out of technology.

The net-zero carbon roadmap identified four focus areas for UEL's campuses: introducing renewable energy sources and reducing overall energy consumption; supporting sustainable enterprise; leveraging real-time energy data through the creation of a living lab and nurturing a strong talent pipeline.

The first phase will immediately cut 10 percent of UEL's carbon emissions and reduce operational costs by installing LED lighting in all buildings, and upgrading the

Building Management Systems (BMS). A second workstream will focus on

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engineering the design of sustainable energy technology, including solar panels on rooftops and in car parks, ground source or water source heat pumps fed by the River Thames, and electric vehicle charging solutions.

“We are committed to becoming a national and global decarbonisation leader by considering the economic, social and environmental impact of everything we do,” said Professor Amanda Broderick, Vice Chancellor and President, University of East London. “With our university-student-industry triple helix partnership approach, we are confident that we can achieve net zero in our publicly engaged and vibrant learning environment where everyone can succeed. The campus carbon transformation will give our students the opportunity to become the sustainability leaders of tomorrow. They will have access to the latest thinking in smart technology, to industry experience and mentorships and a vital edge in the jobs market.”

In the second phase, Siemens will support UEL in the creation of an innovation hub for local green energy enterprises, giving students the opportunity to engage with the latest green technologies on-campus. Students will also be able to further strengthen their skills through mentoring and internships with Siemens. UEL and Siemens will work together to embed sustainability across the curriculum, allowing students to develop the skills they need to succeed in a green economy. The partnership is also exploring the creation of a living lab, to make campus data available to students and researchers for teaching and research.

“This is an exciting time for the University of East London; we’re proud to be supporting their strategic objectives with technology solutions, and collaborating on the transition to net-zero,” said Constantin Ginet, Global Head of Energy & Performance Services, Siemens Smart Infrastructure. “Beyond decarbonization, this partnership also demonstrates the additional positive impact of a technology-focused net-zero journey, including improvements in learning and teaching, a better experience on campus for both students and staff, and the potential to create positive social impact in the surrounding community.”

To support the energy transition in the wider East London area, UEL and Siemens will also explore ways to introduce local-scale energy projects which make an immediate difference to local communities.

This press release is available at: <https://sie.ag/3rZyBIN>

For more information about Siemens Smart Infrastructure, see [www.siemens.com/smartinfrastructure](http://www.siemens.com/smartinfrastructure)

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**Siemens AG** (Berlin and Munich) is a technology company focused on industry, infrastructure, transport, and healthcare. From more resource-efficient factories, resilient supply chains, and smarter buildings and grids, to cleaner and more comfortable transportation as well as advanced healthcare, the company creates technology with purpose adding real value for customers. By combining the real and the digital worlds, Siemens empowers its customers to transform their industries and markets, helping them to transform the everyday for billions of people. Siemens also owns a majority stake in the publicly listed company Siemens Healthineers, a globally leading medical technology provider shaping the future of healthcare. In addition, Siemens holds a minority stake in Siemens Energy, a global leader in the transmission and generation of electrical power. In fiscal 2021, which ended on September 30, 2021, the Siemens Group generated revenue of €62.3 billion and net income of €6.7 billion. As of September 30, 2021, the company had around 303,000 employees worldwide. Further information is available on the Internet at [www.siemens.com](http://www.siemens.com).

**About UEL** The University of East London prepares its students for the jobs of the future. It has been pioneering futures since 1898, from the Second Industrial Revolution through to where we are now in the Fourth Industrial Revolution. Located in one of the world's most multi-cultural areas, the University's 25,000-plus students are a microcosm of this diversity, representing 156 different nationalities. With London campuses in Stratford and in Docklands, it is at the heart of the industrial and creative shift east, and a powerful global gateway. Vision 2028, the University's 10-year strategy, aims to create a 4.0 Education for learners: producing graduates with the skills, tools and competencies sought by employers and entrepreneurs in a rapidly changing world. The University is careers-led and dedicated to ensuring its students have the skills, emotional intelligence and creativity necessary to adapt to a constantly-evolving world and its technology. The University of East London provides one of the top campus experiences in London, with riverside residence halls, world-class sporting facilities which hosted Team USA during the 2012 Olympics, and a supportive community where everyone is encouraged to become leaders, contributors to society and agents for change.