

Abu Dhabi University hosts the UAE's first Global EEE Future Mobility Challenge

[Abu Dhabi University's \(ADU\)](#) College of Engineering (CoE) along with Global EEE, a US-based 501(c)(3) nonprofit organization for student competitions worldwide focused on education, energy and environment, 3elm Education and Training Consultancy and the main partner of the event, the U.S. Mission to the UAE, are co-organizing the first Future Mobility Challenge hosted by ADU on March 18 at Al Hudayriyat Island.

In line with [ADU's](#) continuous efforts to foster innovative thinking and competitive learning opportunities for students, ADU will welcome international delegations from the USA, Italy, Qatar and Egypt as well as 15 high schools and six universities from across the national academic ecosystem.

Supported by several key partners including, MathWorks®, ProjoTech, Al Nabooda Automobiles and EVIS (Electric Vehicle Innovation Summit), the Future Mobility Challenge provides a unique opportunity for students and researchers to showcase their skills and contribute to the development of the UAE's mobility sector.

The Challenge's main objective is to provide participants with a platform to fuel critical thinking and design ideas and models that tackle solutions related to mobility. It will also offer a hands-on experience for students to implement the knowledge gained from classrooms and provide devise real-world solutions as well as create opportunities for them to work on projects and enhance their out-of-class skills. The Challenge also encourages students to pursue careers in STEM fields with a focus on promoting the three Es (education, energy, environment) and improving their understanding of renewable energy technologies, critical thinking, leadership, teamwork and project management. All while educating the new generation about electric vehicles hence promoting clean transportation options.

Furthermore, the Challenge will roll out two competitions including the Electric Vehicle Grand Prix for high school students, where 15 school teams will represent 15 cars and race under strict safety and technical regulations. In addition to the Global Electric Vehicle Challenge for university students which will showcase six cars. The Competition will allow students to embrace their soft skills through teamwork, time management, leadership, innovation, self-confidence, marketing and fundraising.

The teams will present their projects and compete in several categories. These include: the fastest qualifying time, technical innovation, women in science and engineering (WISE) award and best team and event promotion (website, social media, etc) as well as best use of 3D printing, safety, workmanship, car graphics, sportsmanship, best photo and best video.

[Professor Ghassan Aouad, Chancellor of Abu Dhabi University \(ADU\)](#), commented on the significance of the event: "We are thrilled to host the inaugural of the Future Mobility Challenge in the UAE. This prestigious competition will provide a platform for students to unleash their talent and creativity in the field of mobility. As a forward-thinking academic institution, ADU continuously strives to be early adopters of global trends in the education sector. Our teaching philosophy emphasizes the significance of research-based learning to cultivate a skillset that aligns with futuristic needs and prepares our students for the job market of tomorrow."

Prof. Aouad added: “As we look towards the future of mobility, it's important that we come together as a community to explore new ideas and share our innovative vision. The Future Mobility Challenge is an opportunity to be a part of a conversation that will guide us on our mission to shape the future. Therefore, we at ADU cordially invite all community members to witness the innovation of our up-and-coming generation.”

Lina El Labban Lampkin, board of directors’ member of 3elm Education and Training consultancy emphasized the importance of supporting this student centered sustainability and COP28 related program that promotes innovation, hands on learning and the application of academic concepts in a fun and engaging manner. “The Abu Dhabi University’s (ADU) Future Mobility Challenge is an opportunity for the community to watch and celebrate the achievements of diverse student teams from 11 schools across the UAE, 3 teams from the USA and one team from Italy who have been working diligently to build their electric cars in the past few months under the direct supervision of Global EEE engineers and volunteers.”

ADU is one of the region’s leading academic institutions, ADU is committed to investing in scientific research opportunities that foster innovation and creative thinking among faculty and students.

For more information about ADUFMC, please visit <https://fmc.globaleeee.org>