Times Higher Education Sustainability Impact Ratings

University: Al-Mustaqbal University

Country: Iraq

SDG 7.4: Energy and the community

7.4.2: Does your university as a body promote a public pledge toward 100% renewable energy (petitions, meetings, discussions, events) beyond the university?

Response: Yes, Al-Mustaqbal University actively promotes a public pledge toward 100% renewable energy. Our university have organized several events, including workshops and discussions, awareness, and conferences to encourage community involvement. Some of these events are presented below:

https://wwww.uomus.edu.iq/Units/Details.aspx?UnitID=19&NewsID=2100
https://wwww.uomus.edu.iq/Units/Details.aspx?UnitID=19&NewsID=1904
https://uomus.edu.iq/CollegeEn/Details/9370
https://wwww.uomus.edu.iq/Units/Details.aspx?UnitID=19&NewsID=1738
https://wwww.uomus.edu.iq/Units/Details.aspx?UnitID=19&NewsID=1955
https://wwww.uomus.edu.iq/Units/Details.aspx?UnitID=19&NewsID=2093
https://wwww.uomus.edu.iq/Units/Details.aspx?UnitID=19&NewsID=2007
https://wwww.uomus.edu.iq/Units/Details.aspx?UnitID=19&NewsID=2006
https://wwww.uomus.edu.iq/Units/Details.aspx?UnitID=19&NewsID=1887
https://wwww.uomus.edu.iq/Units/Details.aspx?UnitID=19&NewsID=2106
https://wwww.uomus.edu.iq/Units/Details.aspx?UnitID=19&NewsID=2117
https://wwww.uomus.edu.iq/Units/Details.aspx?UnitID=19&NewsID=2169
https://wwww.uomus.edu.iq/Units/Details.aspx?UnitID=19&NewsID=2127
https://wwww.uomus.edu.iq/Units/Details.aspx?UnitID=19&NewsID=2172
https://uomus.edu.iq/UnitsAndDivisions/NewsDetails/105041
https://uomus.edu.iq/UnitsAndDivisions/NewsDetails/105092
https://uomus.edu.iq/UnitsAndDivisions/NewsDetails/105090
https://uomus.edu.iq/UnitsAndDivisions/NewsDetails/105068
https://energy.uomus.edu.iq/Department/Details/89623
https://wwww.uomus.edu.iq/Units/Details.aspx?UnitID=19&NewsID=2172
https://wwww.uomus.edu.iq/Units/Details.aspx?UnitID=19&NewsID=2168

In addition to all mentioned strategies implemented by Al-Mustaqbal University, the university

has been working on several projects and developing them for better energy efficiency that reduce the dependency on the generators that depend on fossil fuel (carbon dioxide emerges as a result of combustion). These projects, workshop, and seminars will indirectly affect the climate change. Some of them are described below:

PROJECT#1: Academic Cooperation with between Al-Mustaqbal University and the Malysian USM university in the field of Electronic Systems Design Engineering under the supervision of the President of Al-Mustaqbal university Prof. Dr. Hasan Sh. Majdi. This programme comes within vision of our university in joining the others institution to help the comunity in enhancing their skills and capabilities.

https://uomus.edu.iq/En/EnNewCol.aspx?newid=61012

PROJECT#2: Cooperation Prospects with Petroleum Products Distribution Authority of Middle Euphrates. This will give the apportunity to our students to the summer training as well as our university will contribute in suggestions solutions to the indutrial problems related to the energy and oil.

https://uomus.edu.iq/En/EnNewCol.aspx?newid=61011

PROJECT#3: Part of Al-Mustaqbal University General Policy with its serious efforts to go global in accordance with the Ministry Regulations to work on the Internationalization of Higher Education in Iraq, Al-Mustaqbal University continues to have a Distinguished Presence at Worldwide Forums. Accordingly, the University has recently participated in the Regular Meeting of the General Assembly of Eurasian Universities Union, which was convened during the period 24th - 25th of October 2024 at Istanbul Aydin University, where Voting for the formation of Presidency Committee has been carried out. It is worth noting that Prof Dr. Hasan Shakir Majdi, President of Al-Mustaqbal University has been included in the voting of the Committee Membership.

The Opening Session has been launched with a Speech delivered by Dr. Mustafa Aydin, President of Istanbul Aydin University, in which he has focused on the importance of the role played by Universities to achieve Well-Being and Societal Peace through Positive Exploitation to the Scientific & Human Energies they do possess, represented by Youth Segment. In addition, he has emphasized the vitality of Communication between Member Universities in a way that would lead to achieving the desired benefit for all Parties.

For his part, Prof Dr. Mudhaffar Sadiq Al-Zuhairi, Director of Scientific and Academic Supervision at Al-Mustaqbal University has conveyed the Warm Greetings of Prof Dr. Majdi to all Attendees, wishing for the Conference Unique Success and Achievement of the Intended Goals. Besides, and during his Speech, he has referred to a number of Initiatives adopted by the University, especially in the Field of Sustainable Development, being quite obvious to all, and clearly demonstrated by the Advanced Positions it has obtained in the Times Impact Ranking of 2024. In this regard, Dr. Al-Zuhairi has extended his invitation to the Participating Universities to establish and promote communication with Al-Mustaqbal University for the purpose of adopting Qualitative Initiatives of Common Interest. As a result, a number of Universities have expressed their willingness to participate in certain initiatives.

https://uomus.edu.iq/En/EnNewCol.aspx?newid=50485

PROJECT#4: Al-Mustaqbal University Participates in the Fifth International Conference on Electromechanical Engineering and its Applications, Convened at the Turkish University of

Kocaeli. In implementation to the Directives of Al-Mustaqbal University, represented by its President, Prof Dr. Hasan Shakir Majdi, regarding the Active University Presence at all Local and International Forums, it has been embodied this time in the notable participation at the Fifth International Conference on Electromechanical Engineering and its Applications that has been organized by the University of Technology with Al-Mustaqbal University for the period 24th – 25th September 2024, and to be convened at the Turkish University of Kocaeli. The Opening Ceremony of the Conference has been attended by Prof Dr. Ahmed Al-Ghabban, President of the University of Technology, in addition to Presidents of Kocaeli and Gaziantep Universities, as well as Prof Dr. Mudhaffar Sadiq Al-Zuhairi, Director of Scientific & Academic Supervision, being the Representative of Prof Dr. Hasan Shakir Majdi, President of Al-Mustaqbal University. The Opening Ceremony has also been attended by the President of Al-Zahraa University for Girls and the Iraqi Cultural Attaché in Istanbul. Several Speeches have been delivered by President of the University of Technology, Al-Mustaqbal University Representative and other University Presidents. Attendees have been briefed on Qualitative Research and Projects presented in the form of Posters, whereas Al-Mustaqbal University has been participating with 15 Projects and Research Papers.

https://uomus.edu.iq/En/EnNewCol.aspx?newid=29090

PROJECT#5: Al-Mustaqbal University President is a Member & Supervisor in the Discussion of a Ph.D. Thesis at the University of Technology

We would like to note that on Wednesday 18th September 2024, Prof Dr. Hasan Shakir Majdi, President of Al-Mustaqbal University, has participated as a Member and Supervisor in the Discussion of a Ph.D. Thesis for the Student Dalia Samir Makki, Department of Chemical Engineering at the University of Technology, being entitled "Heat and Mass Transfer in a Slurry Bubble Column Equipped with Heat Exchanger Tubes"

The Thesis has been successfully approved with Distinction, and the Researcher being granted the Ph.D. Degree, and therefore we are obliged to congratulate the Student, her Supervisor as well as the Discussion Committee for this Distinguished Academic Achievement, wishing them all more Scientific & Academic Contributions.

We should note as well that Prof Dr. Hasan Shakir Majdi, President of Al-Mustaqbal University has had the opportunity to meeting Prof Dr. Ahmed Al-Ghabban, President of the University of Technology as well as his Scientific Assistant and a number of College Deans. Prof Dr. Al-Ghabban has highly appreciated Al-Mustaqbal University Reputation and its Excellence at Research and other Scientific Fields, emphasizing the importance of activating the Cooperation Agreements between the Two Universities.

It is worth noting that Al-Mustaqbal University President has been taken in an Inspection Tour through a number of Research Centers and Laboratories, with the aim of enhancing Academic Cooperation and exchanging Scientific Experiences.

https://uomus.edu.iq/En/EnNewCol.aspx?newid=28918

PROJECT#6: Al-Mustaqbal University in Partnership with UNESCO at the Green Education Program to Combat Climate Crisis

It is considerable to note that since adopting the Slogan " Towards a Sustainable University", Al-Mustaqbal University has achieved a series of accomplishments related to Sustainable

Development Goals, being represented by the University obtaining First Place at International Rankings, including TIMES IMPACT Ranking and GREEN METRIC Ranking, as a normal result of the unique efforts exerted by the University in the Field of Scientific Research, as well as Community Service and other Initiatives regarding Sustainable Development. In accordance with this trend, Prof Dr. Hasan Shakir Majdi, President of Al-Mustaqbal University, has announced that the University has joined, for the first time, Green Education Program to confront and combat Climate Crisis as a Partner with the UNESCO.

The University President has clarified in a Statement released to the University Media that joining the UNESCO as a Partner in the Program of combating Climate Crisis is deemed indeed a Vital Achievement added to the Series of Accomplishments that the University has attained earlier, and it has come as a Natural Result of the University Efforts over the previous years to introduce the Concepts of Green and Sustainable Education into the University Curricula, keeping in mind that the Academic Vocabulary Percentage focusing on Sustainable Development Goals has reached 33% of the total Academic Program, with Climate Issues constituting the largest part. Besides, Prof Dr. Majdi has emphasized that the University has prepared an Ambitious Plan to increase this percentage in the forthcoming years.

https://uomus.edu.iq/En/EnNewCol.aspx?newid=28773

PROJECT#7: Installation of solar energy project to the people of our country

Part of its continuous pursuit of excellence in all fields, and to embody the Slogan adopted by Al-Mustaqbal University "Towards a Sustainable University", the Field of Renewable Energy has occupied the largest share, through the adoption of a variety of Solar Energy Systems that are used to generate electricity and meet the Buildings Requirements and other Service Facilities within and outside the University Campus.

https://uomus.edu.iq/En/EnNewCol.aspx?newid=28117

PROJECT#8: Al-Mustaqbal University President Participates in "Iraq-UK Higher Education Dialogue"

It is considerable to note that Prof Dr. Hasan Shakir Majdi, President of Al-Mustaqbal University, has participated in "Iraq-UK Higher Education Dialogue" that has been organized in London, and in cooperation with the British Council, during the period 22nd – 23rd May, 2024.

It is remarkable to note that the Delegation has paid a visit to the University of London, where Prof Dr. Majdi has studied and graduated. Moreover, a Celebration has been organized by the Iraqi-British Business Centre, and the Attendees have highly appreciated the Agreement signed between Al-Mustaqbal University and the Malaysian USM University, which has been widely discussed by Counselor Prof. Dr. Alaa Abdul Hassan in his Speech about successful experiences in the Field of Education.

https://uomus.edu.iq/En/EnNewCol.aspx?newid=27115

PROJECT#9: Al-Mustaqbal University Participates in 3rd International Conference on

Engineering Sciences & Advanced Technologies, Convened in the UAE

In implementation to the Directives of Prof Dr. Hasan Shakir Majdi, President of Al-Mustaqbal University, which in one part focus on Active Participation at Local & International Scientific Forums, a Delegation representing Al-Mustaqbal University has participated in 3rd International Scientific Conference for Engineering Sciences & Advanced Technologies that has been organized by College of Engineering at Al-Qadisiyah University, in Cooperation with the American Rochester Institute of Technology in the United Arab Emirates during 16th & 17th April 2024.

It is remarkable to note that the Delegation has included Prof. Dr. Mudhaffar Sadiq Al-Zuhairi, Director of Scientific & Academic Supervision, and Prof Dr. Azher M. Abid, Dean of Engineering College.

The Opening Session of the Conference has witnessed Presentations delivered by Key Speakers representing International Universities, then followed by Specialized Research Sessions during which many Research Papers related to the Conference Themes have been submitted and discussed.
https://uomus.edu.iq/En/EnNewCol.aspx?newid=25699

PROJECT#10: Smart Pollution and Climate Monitoring at Future University

The Future Energy Research Center Launches Two Advanced Air Quality and Weather Monitoring Systems as Part of the Green University Project

As part of its efforts to promote environmental awareness and adopt the principles of sustainable development, the Future Energy Research Center at Future University has launched two smart systems for monitoring environmental pollution and weather conditions on campus, in cooperation with the global platform IQAir.

The two systems monitor air pollutants and climatic factors such as wind patterns, temperature, humidity, solar radiation, and rainfall, providing accurate scientific data that contributes to protecting the university environment and supporting scientific research. This initiative also enables students and researchers to use the data in artificial intelligence projects to predict pollution levels in Babylon Governorate, a step that underscores the university's commitment to becoming a green university and employing technology to serve the community and the environment.

PROJECT#11: Some students achieved and updated creative project under the supervision of professors from Al-Mustaqbal University to design a vehicle air conditioning system that operates on exhaust gases emitted from a diesel engine. Through this design, the energy generated due to the expansion of the exhaust gas was invested to drive the compressor of the refrigeration cycle system. The results showed that the performance factor of the proposed cooling system increases by 30% when compared to the traditional cooling system. The results

also showed that fuel consumption was reduced as a result of reduced loads on the engine, and thus the possibility of reducing gas emissions to the environment.
https://doi.org/10.1007/s40032-021-00787-4

PROJECT#12: Within Al-Mustaqbal University aims to support the practical programs for students and providing educational equipment and developing in a way that suits the labor market and modern technology. A group of department staff and students designed and implemented a smart educational air conditioning system that works with IOT strategy. Through the system, you can learn how the inverter cooling system works and how to control the electric current and voltage. The students simulated the system through a smart screen that allow to recognize the change in pressures, temperatures, frequency, power consumed, and performance coefficient of the system. The Wi-Fi connected air conditioner is equipped with the latest technology, allowing the student or user to easily maintain the ideal room environment and provide full control by cellphone.

https://uomus.edu.iq/NewDep.aspx?depid=2&newid=16283

PROJECT#13: Due to the Air Conditioning and Refrigeration Engineering Department's interest in renewable energies, a laboratory device was manufactured and recently developed to electrically break down water (electrolysis) under the supervision of a group of professors as a graduation project for a group of fourth-year students. The raw materials were prepared and the device was manufactured during the first semester, and good initial results were obtained with the successful production of hydrogen gas. Hydrogen gas is also used in many fields, such as welding, as a protective gas, as fuel for missiles, and in power plants as an electrical generator due to its ability to conduct heat.
https://uomus.edu.iq/NewDep.aspx?depid=2&newid=16601

Project#14: This project has achieved by faculty of the Al-Mustaqbal University and other institutions in order take serious problems in solar energy systems and suggest solutions accordingly. This work included a historical overview of the utilization of solar energy in various cooling and refrigeration processes, covering aspects of design and application. providing an extensive review of various solar-powered cooling techniques, including photovoltaic, photovoltaic-thermal (PVT), absorption, desorption, and mechanical systems, and their potential to enhance energy efficiency
https://uomus.edu.iq/NewDep.aspx?depid=2&newid=28809

Project#15: **Design and implementation of a smart building management system using the Internet of Things Technology**. Integration of smart building technologies into new or existing buildings improves thermal comfort, security, lighting, sanitation, and air quality. Also, smart technologies enhance energy management, thus reducing the total energy cost and environmental impact. In this Project, a modern control system with a management level named Building management system (BMS) is designed to save energy, cost, and time and enables comfort conditions to be easily monitored and controlled from a single point.

Additional projects and research paper along with the their links online are described below:

Project title	Project link
Solar dish collector: case study in Iraq	https://www.uomus.edu.iq/Projects/Projects/WameedMUCProject_2

	022_9242312.pdf
Performance study of water pump working by solar energy	https://www.uomus.edu.iq/Projects/Projects/WameedMUCProject_2022_91843490.pdf
An Experimental Study into Thermal Performance of Heating System Combined with Solar Heater	https://www.uomus.edu.iq/Projects/Projects/WameedMUCProject_2022_9229316.pdf
Design and implementation of air speed measuring device (ANEMOMETER)	https://www.uomus.edu.iq/Projects/Projects/WameedMUCProject_2022_9182636.pdf
Experimental study of a cooling system based on energy recovered from automobile exhaust gases	https://www.uomus.edu.iq/Projects/Projects/WameedMUCProject_2022_7120485.pdf
Experimental Study of Double Pipe Heat Exchanger	https://www.uomus.edu.iq/Projects/Projects/WameedMUCProject_2022_7269321.pdf
Design and implementation of wireless controller For air conditioning unit using Raspberry Pi	https://www.uomus.edu.iq/Projects/Projects/WameedMUCProject_2022_72657103.pdf
Experimental Study the Mechanical Properties of Nano Composite	https://www.uomus.edu.iq/Projects/Projects/

Materials by Using Fiber Glass and Nano Boron carbide/ Epoxy	WameedMUCProject_2022_91743723.pdf
Convective Heat Transfer in a Circular Tube with Short-Length Twisted Tape Insert	https://www.uomus.edu.iq/Projects/Projects/WameedMUCProject_2022_91825440.pdf
Numerical investigation Of Adding A Personal Ventilation System As combined with a Hybrid Ventilation System During Isolated Office Rooms	https://www.uomus.edu.iq/Projects/Projects/WameedMUCProject_2022_92028547.pdf
Design and Fabrication of Parabolic Trough Solar Collector for Thermal Energy Applications	https://uomus.edu.iq/Projects/Projects/WameedMUCProject_2021_7315301.pdf

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Furthermore, A
titled 'Concept
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different types
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and industries

https://uomus.edu.iq/NewDep.aspx?depid=2&newid=27275

Additional gathering and workshop can be found below:

A- Workshop on the solar energy thermal system in Al-Mustaqbal center for energy research

https://uomus.edu.iq/NewDep.aspx?depid=2&newid=61409

B- Workshop about Carbon footprint

https://uomus.edu.iq/NewDep.aspx?depid=2&newid=84482

C- Workshop about Ozon and carbon emissions

https://uomus.edu.iq/NewDep.aspx?depid=2&newid=28859

D- Workshop on the Heat pump and its applications in energy efficiency and emissions reduction

https://uomus.edu.iq/NewDep.aspx?depid=2&newid=61038

E- Seminar on technologies to improve energy efficiency and reduce emissions

https://uomus.edu.iq/NewDep.aspx?depid=2&newid=61472

F- Seminar on the renewable energy to the schools

https://uomus.edu.iq/NewDep.aspx?depid=2&newid=61477

G- SCIENTIFIC WORKSHOP ON METHODS OF CLEANING SOLAR CELLS

https://uomus.edu.iq/NewDep.aspx?depid=2&newid=15505

H- A scientific trip to the Hillah Comprehensive Power Plant for students

https://uomus.edu.iq/NewDep.aspx?depid=2&newid=63160

I- Seminar on steam power plant for clean environment

https://uomus.edu.iq/NewDep.aspx?depid=2&newid=62803

J- SCIENTIFIC SEMINAR ON THE IMPORTANCE OF HYDROELECTRIC ENERGY

https://uomus.edu.iq/NewDep.aspx?depid=2&newid=15977

K- Workshop on wind energy

https://uomus.edu.iq/NewDep.aspx?depid=2&newid=60856

L- Workshop on geothermal energy

https://uomus.edu.iq/NewDep.aspx?depid=2&newid=39669

M- Workshop on designing an air-cooling system for a hybrid vehicle: a promising technique in emission reduction

https://uomus.edu.iq/NewDep.aspx?depid=2&newid=50574

N- TRAINING WORKSHOP ON MEASURING DEVICES FOR SOLAR ENERGY SYSTEMS

https://uomus.edu.iq/NewDep.aspx?depid=2&newid=16048

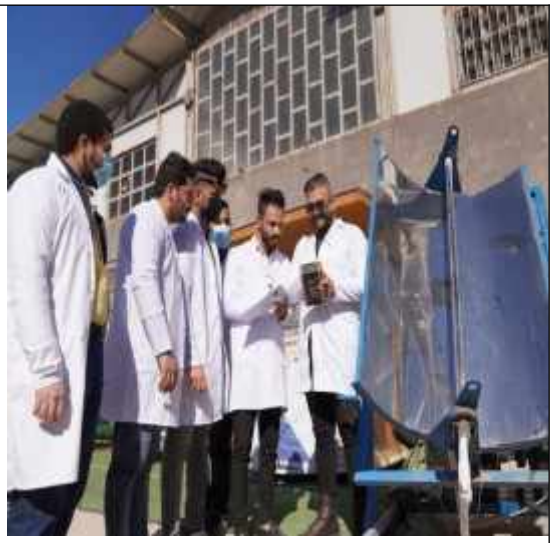
O- PRACTICAL WORKSHOP FOR STUDENTS OF THE FOURTH STAGE ON THE PARABOLIC TYPE SOLAR HEATER SYSTEM

https://uomus.edu.iq/NewDep.aspx?depid=2&newid=16606

P- Al-Mustaqbal University prepared The First International Conference on The Future Sustainable Energy (ICFSE 2023). For more details

https://uomus.edu.iq/ICFSE2023/Home.aspx#







- **Different activities in awareness of renewable energy**

A- Some of the activities achieved at AL-Mustaqbal University cab be found in this website: https://uomus.edu.iq/ProjectsRecog.aspx?depid=2

B- Al-Mustaqbal University Signs Memorandum of Cooperation with the Ministry of Environment to Strengthen Partnership in Environmental Research and Sustainable Development

Under the patronage and in the presence of His Excellency Dr. Helo Al-Askari, Minister of Environment, during his visit to Al-Mustaqbal University, a joint scientific memorandum of cooperation was signed between the two parties. This initiative comes in line with the directives of the President of Al-Mustaqbal University, Prof. Dr. Hassan Shaker Majdi, to achieve the Sustainable Development Goals (SDGs), and reflects the university's accomplishments in sustainability-related research, practices, and its commitment to fostering partnerships to realize these goals.

The memorandum outlines multiple areas of mutual interest, most notably:

• Supporting environmental research and studies
• Providing scientific consultations and environmental impact reports
• Organizing joint conferences and workshops
• Implementing training programs for capacity building
• Promoting awareness about environmentally sound practices to ensure sustainability
• Conducting environmental surveys
• Promoting related activities and initiatives through the official websites and media channels of both parties

Please visit for more details;
https://uomus.edu.iq/En/EnNewCol.aspx?newid=91749



4- Patent that service the industry

Al-Mustaqbal University aimed at improving energy efficiency and clean energy. The industrial sector seeks the assistance of energy experts from the professors working at our campus; promote cooperation between the university and industry sectors. Ministry of higher education and scientific research supplied the universities with a platform to upload their ideas of the applied research to allow for the industrial companies in private and public sector to know about these ideas. One of these service that involve a patent on "Design of Cooling System for an Automotive using Exhaust Gasses of Turbocharged Diesel Engine" prepared by Prof. Dr. Qusay Rasheed Al-Amir1 and Asst. Prof. Dr. Mohamed F. Al-Dawody and Assit Prof. Dr. Azher M. Abed, HOD of air conditioning and refrigeration techniques engineering department, Al-Mustaqbal University College

https://uomus.edu.iq/NewDep.aspx?depid=2&newid=5031

Workshops, seminars, forums:

A- Al-Mustaqbal University (UOMUS), in partnership with the Government of Babylon, has officially commenced preparations for the Ambassadors for Sustainability Camp, scheduled to be held in early October at the Babylon Tourist Resort.

The launch event was attended by the Governor of Babylon, Mr. Adnan Faihan Al-Dulaimi, together with the President of UOMUS, Prof. Dr. Hasan Majdi, vice presidents, deans, department heads, faculty members, staff, and students from the Ambassadors of Al-Mustaqbal University Sustainability Program.

The day began with a presentation delivered by Prof. Dr. Mudhaffar Al-Zuhairy, Director of Scientific and Academic Supervision, who outlined the camp's strategic objectives, its role in advancing sustainability, and the preparations underway to ensure success. A key

highlight was the announcement of the AI Hackathon for Sustainability, designed to provide students with a platform to showcase their ideas and apply modern technologies in support of the United Nations Sustainable Development Goals.

For more details, please visit;

https://uomus.edu.iq/CollegeEn/Details/93702



B- President of Al-Mustaqbal University Visits Mansoura University in Egypt and Signs Preliminary Cooperation Protocol to Strengthen Academic and Research Partnership

This collaboration comes as part of Al-Mustaqbal University's vision of academic leadership and international engagement, reinforcing its position as a pioneering Iraqi institution dedicated to preparing a new generation of researchers and students capable of keeping pace with scientific advancements and actively contributing to community service and sustainable development.

For more details, please visit;

https://uomus.edu.iq/En/EnNewCol.aspx?newid=92852



C- Al-Mustaqbal University Hosts Ministry of Higher Education and Scientific Research Conference on the Digital Transformation and Automation Project

Al-Mustaqbal University hosted the national conference dedicated to the Digital Transformation and Automation Project within the Ministry of Higher Education and Scientific Research and its affiliated institutions. The conference was held under the generous patronage of His Excellency the Minister of Higher Education and Scientific Research, Dr. Naeem Al-Aboudi, and witnessed broad participation from presidents of public and private universities, vice presidents, deans, academics, and students.

For more details;

https://uomus.edu.iq/En/EnNewCol.aspx?newid=89824



D- The Global Sustainable Development Congress has begun in Istanbul Al-Mustaqbal

University (UOMUS) is honoured to join innovators and leaders from around the world to tackle today's most pressing sustainability challenges and share ideas for a better future.

As part of this global dialogue, UOMUS proudly carries the story of Iraq and the timeless spirit of Babylon — a symbol of knowledge, culture and scientific progress that continues to inspire our mission today.
For more details, please visit;
https://uomus.edu.iq/En/EnNewCol.aspx?newid=89341



i. AL-Mustaqbal University has engaged with the local community by hosting events focused on renewable energy solutions. This includes inviting guest speakers and collaborating with environmental groups to promote sustainable practices. These events discussed a session held titled 'Active Effective Education and Its Role in Sustainable Development' and transition to renewable energy as well.



https://uomus.edu.iq/MUCNewsPaper/displayNews.aspx?p=%2752%27

ii. Al-Mustaqbal University has set clear sustainability goals that support the complete transitioning to 100% renewable energy through various channels, such as community outreach. For example Al-Mustaqbal engaged in a specialized seminar on sustainable development at the Ministry of Planning of the Iraqi government.

For more information, please visit the website below:
https://uomus.edu.iq/NewCol.aspx?newid=28635

iii. The Energy Research Centre at Al-Mustaqbal University announces the establishment of a free course titled “Course on Concepts and Foundations of Renewable Energy. In this free course, the centre introduced the main principle and resources of the renewable energy and their critical rules in reducing emissions and providing sustainable future of the energy.

For more information, please visit:

https://uomus.edu.iq/NewCol.aspx?newid=27137

https://uomus.edu.iq/NewCol.aspx?newid=26307

iv. Instructor (Dr. Salwan Obaid Whaeed Khafaji) in the Department of Power Mechanical Engineering Technologie conducted a scientific workshop titled "Dynamic Vibration Absorbers for Renewable Energy Generation and Vibration Attenuation." The workshop was attended by the department staff in the engineering workshop halls. The instructor discussed the main methodologies of using the dynamic vibration absorbers for vibration attenuation as well as electrical power generation.

https://www.uomus.edu.iq/NewDep.aspx?depid=2&newid=23473

Specific Initiatives

Al-Mustaqbal University launched various initiatives, such as petitions and partnerships with local organizations, to support using renewable energy. Al-Mustaqbal University frequently hold meetings to deliberate our development and future plans. Air Conditioning Refrigeration Engineering Department at Al-Mustaqbal University organized a visit to the Directorate of Electricity Transmission Network in Diwaniyah Governorate in order to discuss with them the advantages of the new transition to renewable energy.

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For more information, please visit the websites below:

https://uomus.edu.iq/AlMustaqbalForumforEnergyResearch/Home.aspx

https://uomus.edu.iq/en/EnNewCol.aspx?newid=14865

https://www.uomus.edu.iq/NewDep.aspx?depid=2&newid=23473

https://uomus.edu.iq/NewDep.aspx?depid=2&newid=8930

https://uomus.edu.iq/NewDep.aspx?depid=2&newid=14876

1- Collaboration with Community and other scientific committees

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held titled 'Active Effective Education and Its Role in Sustainable Development' and transition to renewable energy as well.



https://uomus.edu.iq/MUCNewsPaper/displayNews.aspx?p=%2752%27

2. Sustainability Goals:

Al-Mustaqbal University has set clear sustainability goals that support the complete transitioning to 100% renewable energy through various channels, such as community outreach. For example Al-Mustaqbal engaged in a specialized seminar on sustainable development at the Ministry of Planning of the Iraqi government.





https://uomus.edu.iq/NewCol.aspx?newid=28635

3. The Energy Research Centre at Al-Mustaqbal University announces the establishment of a free course titled "Course on Concepts and Foundations of Renewable Energy. In this free course, the centre introduced the main principle and resources of the renewable energy and their critical rules in reducing emissions and providing sustainable future of the energy.
For more information, please visit:
https://uomus.edu.iq/NewCol.aspx?newid=27137

4. Al-Mustaqbal University organized the Third Engineering Forum for Graduation Projects entitled "Graduation Projects: Creativity and Innovation Towards a Sustainable University.' under the patronage of the president Professor Dr. Hassan Shaker Majdy, and the supervision of the Dean of the College of Engineering and Engineering Technologies, Assistant Professor Dr. Azhar Mohsen Abd. With the collaboration with the University of Babylon / College of Engineering, the Third Engineering Forum for Graduation Projects was held. The forum addressed several topics, including:

A- Mechanical and thermal applications
B- Applications of renewable and clean energy
C- Reducing the use of fossil fuels
D- Environmental conservation and mitigating the greenhouse effect
E- Carbon footprint and reducing gas emissions.

Times Higher Education
Sustainability
Impact Ratings






6163 تواصل معنا
www.uomus.edu.iq
جامعة المستقبل
AL MUSTAQBAL UNIVERSITY


AL-MUSTAQBAL
Sustainability Week
Creativity and Innovations Award for student project
in the field of sustainability


RECOMMENDATION
Countries should support projects and research that study production.
The start of production and use of clean renewable energy on a large scale in countries.
Directing the media to highlight the benefits of the renewable fuel alternative.
Encouraging
as well as
ting studies
ontributing
theimplementation
of green ideas on
the ground.





https://uomus.edu.iq/NewCol.aspx?newid=26307

5. **Specific Initiatives**

Al-Mustaqbal University launched various initiatives, such as petitions and partnerships with local organizations, to support using renewable energy. We frequently hold meetings to deliberate our development and future plans. Air Conditionin Refrigeration Engineering Department at Al-Mustaqbal University College organized a visit to the Directorate of Electricity Transmission Network in Diwaniyah Governorate in order to discuss with them the advantages of the new transition to renewable energy.





https://uomus.edu.iq/En/EnNewDep.aspx?depid=2&newid=6460

6. An awareness campaign regarding the effects of air conditioning on climate and human health and how to deal with and treat it had been organized inside and outside our college. Especially, the energy consumption based on the air conditioning system is high as the summer season in Iraq is so long.





7. Equipping the shrine of the Prophet of God Ayoub (peace be upon him) with lamps of economical consumption which serve in energy efficiency





8. Student projects in the field of renewable energy to support the community









- **Different activities in awareness of renewable energy**









Additional evidence links:

https://uomus.edu.iq/NewCol.aspx?newid=26307
https://uomus.edu.iq/NewCol.aspx?newid=27137
https://uomus.edu.iq/NewCol.aspx?newid=28635
https://uomus.edu.iq/MUCNewsPaper/displayNews.aspx?p=%2752%27