

## SUSTAINABILITY REPORT 2020 - 2021

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# INTRODUCTION

## Message from the President

His Majesty King Abdullah II, in his address to the United Nations General Assembly on September 22, 2021, focused on several vital issues of concern to our region in the Middle East and the world at large, the most prominent of which are: the global pandemic, the refugee problem, poverty and hunger, organized terrorism, climate change and the optimal use of resources natural. Based on these pillars and the vision of Mutah University, we have worked at Mutah University during the past year to confront these challenges from various scientific and research activities such as projects and workshops aimed at enhancing community security and stopping food waste, improving the efficiency of the Jordanian energy



system and expanding the fields of teaching and applications of renewable energy in the University. During the past two years, Mutah University has been able to develop a solar energy system to supply all university facilities with electricity, and has worked to develop health care for its affiliates during the global pandemic, as well as developing electronic and blended learning courses. It also helped expand the planting of trees, develop irrigation systems, and pay attention to the local cultural folklore. The university's efforts were crowned by obtaining 5 stars in the global Q star ranking.

With this report, I am pleased reiterate Mutah University's commitment to serving humanity as the ultimate driver of its research, education and knowledge transfer activities and being a continuous open sources of information as well as a reference point for these activities and their social impact.

**Prof. Arafat A. Awajan**

**President**

**October 28, 2021**

# ABOUT THIS REPORT

This summary report shows examples of progress made towards each of the 17 goals set in Mutah's environmental sustainability strategy. The report is sectioned into Academics, Operations, and Engagement and marks out the relevant projects and initiatives carried out at Mutah University up to and including September 2021.



By definition, sustainability means maintaining the integral health of the environment, society and the economy today and in the future. While this report focuses on environmental performance related to Mutah University, it recognizes the mutually reinforcing links to financial and social sustainability.

We are proud to present the first sustainability report highlighting the University's shift towards a more comprehensive definition that allows us to incorporate sustainable development best practices into our academic, research and participatory work. Thus, this report covers a wider range of activities than in previous years.

Mutah University is dedicated to coordinate the data within this report to meet the United Nations Sustainable Development Goals (SDGs), as well as the Environmental Sustainability objectives established under Mutah's University Strategy (2020-2025).

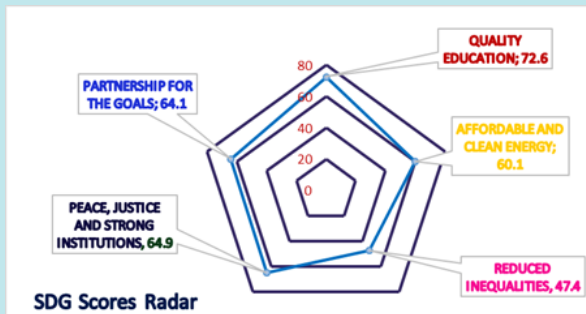
# OBJECTIVES

Mutah University strives to apply basic principles to achieve its mission and role in promoting sustainable community development by adopting the United Nations sustainable development goals. These basic principles are summarized as follows:

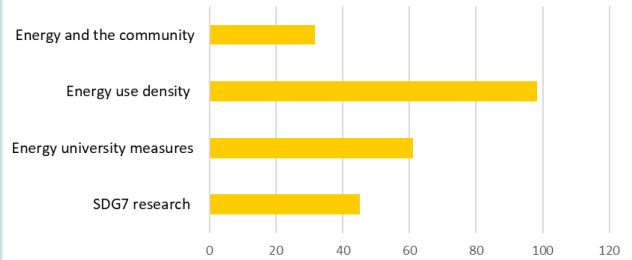
- ▶ **People:** all human beings can fulfil their potential in dignity and equality
- ▶ **Planet:** to protect the planet and its resources from degradation for present and future generations
- ▶ **Prosperity:** all human beings can enjoy prosperous and fulfilling lives and that economic, social and technological progress occurs in harmony with nature
- ▶ **Peace:** foster peaceful, just and inclusive societies which are free from fear and violence
- ▶ **Partnership:**
  1. mobilize the means to implement
  2. focus on the poorest and most vulnerable
  3. with the participation of all countries, all stakeholders and all people



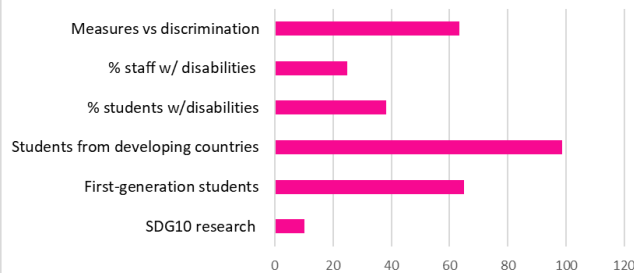
# SUMMARY OF PROGRESS



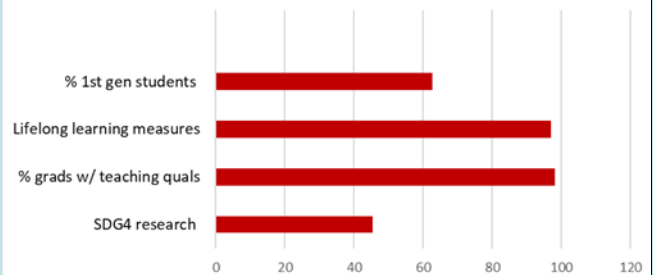
## AFFORDABLE AND CLEAN ENERGY



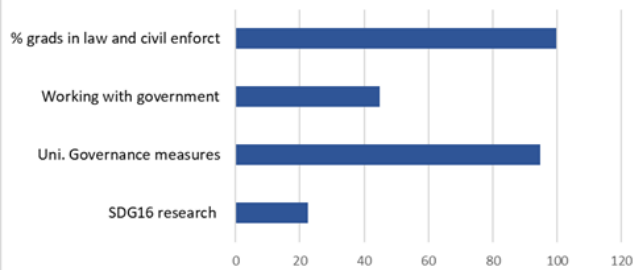
## REDUCED INEQUALITIES



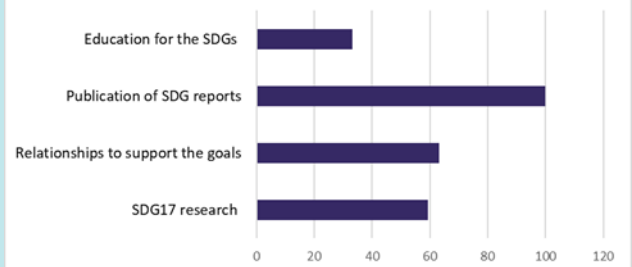
## QUALITY EDUCATION



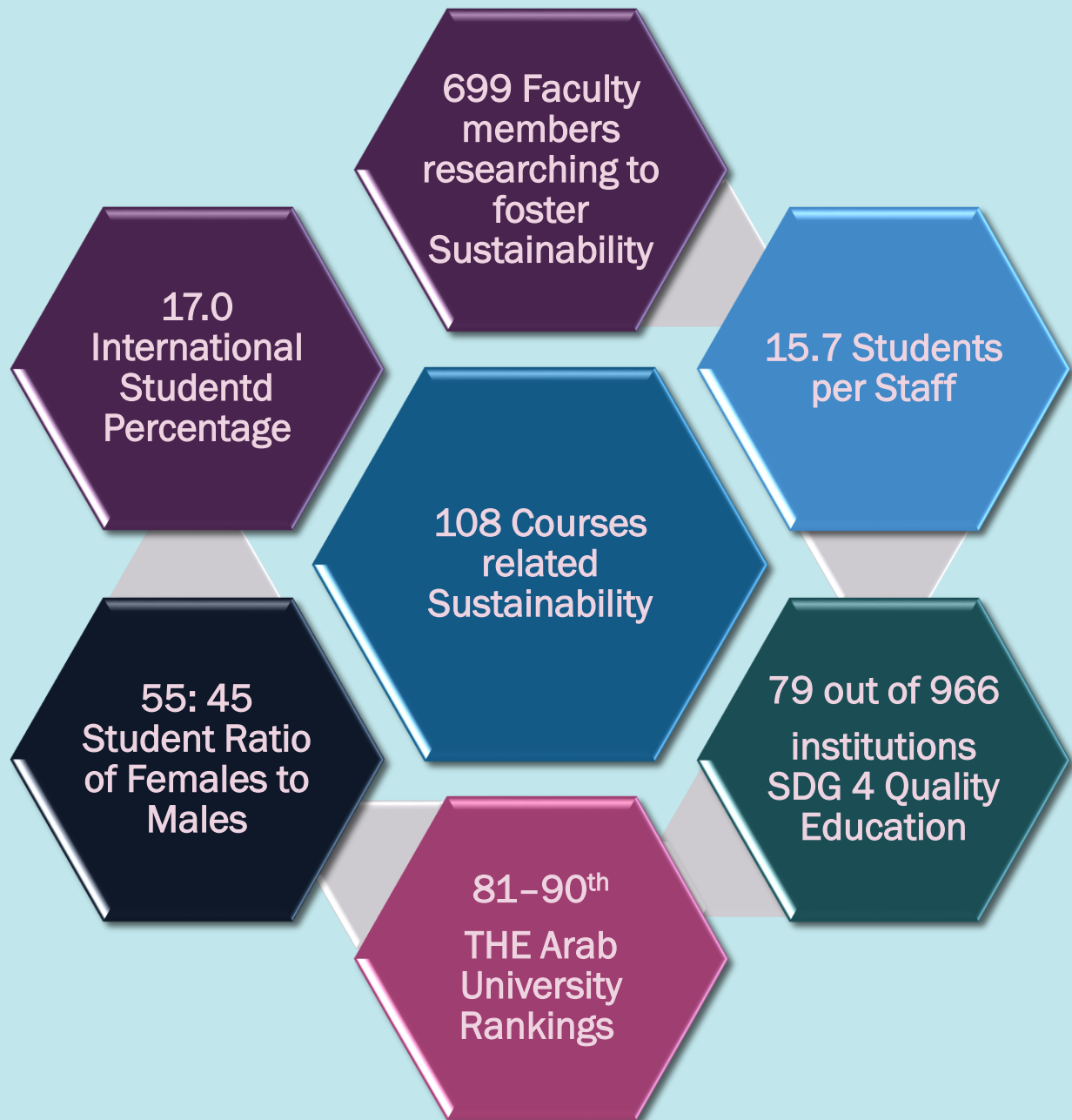
## PEACE, JUSTICE AND STRONG INSTITUTIONS



## PARTNERSHIP FOR THE GOALS



## Strategy Key Stats



## SDG1 NO POVERTY



Since 2019, Mutah University has adopted serious steps to consolidate research towards various critical issues such as poverty problems in the Jordanian society. Research projects have initiated to tackle this problem; many scientific articles were published to provide real steps to limit this phenomenon among the citizens and many are under process. Moreover, Mutah University has developed many vocational courses such as Civil Aviation courses to create job opportunities for the local community.

The proportion of students who receive financial aid to attend university because of poverty has increased this year by 5% above the last years as the documents of the Deanship of Students Affairs.

University has issued many anti-poverty programs and develops them regularly, such as the employment opportunities program as well as the Postponement of university fees service that intends to help the poor students to pay their fees when they are financially capable and provides this service online: (<https://www.mutah.edu.jo/ar/studentaffairs/Pages/UniFeesApplication.aspx>).

Mutah University has cooperated with many national organizations to face the problem of poverty one of these organizations is Ziyad Al-Manaseer Charitable Foundation Community which deals with Mutah university to support its anti-poverty programs.

<https://www.mutah.edu.jo/ar/studentaffairs/Pages/Manaseer.aspx>



## SDG2 ZERO HUNGER



According to Scopus data, the percentage of citation of Mutah's University scientific research has been increased by 135.8% in 2020 from 2019. Many scientific activities have been launched during 2020 in the field food security such as: Mutah University hosted the activities of the scientific day for palms, which came as a result of cooperation between the college, the Jordan Society for Scientific Research, Entrepreneurship and Creativity, and the Union of Agricultural

Research Institutions in the Near East and North Africa. The event's speakers addressed several topics related to the above-mentioned scientific day.

The University has started many initiatives to provide students with best practices to handle problems of food waste, sustainable food resources and food campaigns. Moreover, a team of Engineering College has participated in Hult Prize where the objective of this year's competition was food, food security, the fight against hunger and famine according to Mutah's University policy of Sustainability in consuming and importing food.

The proportion of graduates in agriculture and aquaculture including sustainability aspects has increased in 2020 to reach 4.88% of the total graduates. This indicates to the increased awareness among the community and the university towards this vital field.

In, this year 2020, a joint cooperation agreement between Mutah University, represented the Food and Drug Foundation, aimed at exchanging technical expertise, research and academic cooperation, and training students to unite the efforts in facing the problem of hunger and achieving national food security.

[https://www.mutah.edu.jo/Lists/News/Disp\\_Form.aspx?ID=153](https://www.mutah.edu.jo/Lists/News/Disp_Form.aspx?ID=153)

**ماجستير في علم الغذاء والتغذية**  
**MS in Nutrition and Food Science**

يمكن للطلاب على درجة البكالوريوس في التخصصات التالية الالتحاق بالبرنامج:

- بكالوريوس في علم الغذاء والتغذية
- بكالوريوس في علوم الأحياء
- بكالوريوس في الطب البشري والبيطري والتمريض والصحة العامة
- بكالوريوس في الإنتاج الحيواني
- التخرج والتدبير المالي

يوفر البرنامج للطلاب المعرفة العلمية، والبحوث، وسياسة التغذية، ومفاهيم المهارات اللازمة لتطبيق تلك المعرفة في حياتهم المهنية. يهتم هذا البرنامج على تعزيز الطلاب لمجموعة متنوعة من المواقف في علم الغذاء والتغذية مما يساعدهم على اكتساب المهارات اللازمة في علم التغذية الإكلينيكي والإداري، وتغذية المجتمع، واستشارات التغذية، وإدارة خدمات الأغذية، وبحوث التغذية، والأعمال التجارية الخاصة (المعدات الغذائية والصناعات الغذائية).

للاطلاع بالالتحاق بأحد البرامج السابقة مراجعة كلية الدراسات العليا في جامعة مؤتة أو زيارة موقع كلية الدراسات العليا على الرابط التالي:  
http://esystem.mutah.edu.jo/highgrad/highgrad.htm أو مراجعة كلية الزراعة: 0096232372380 فري: 6501 Ext

## SDG3 GOOD HEALTH & WELLBEING



High standards of health, safety and welfare management are integral to the success of the University and the achievement of its strategy. The University is committed to fostering a positive culture of health, safety and wellness, and encourages incident reporting for the purpose of monitoring and sharing lessons.

Research in fields of medicine, nursing and pharmacological studies has experienced a noticeable increase during 2020 as well citations. The graduates in health professions have increased by 6.78% in 2020 compared to 2019.

Among the top rated publications by Mutah university during the period 2018-2020 is the meta-analyses study conducted to reveal the role of Vitamin D supplementation and the cardiovascular diseases. The study put an end to the myth of using Vitamin D as a magic drug to protect and treat different diseases. In this updated meta-analysis, vitamin D supplementation showed no role in protection against major adverse cardiovascular events diseases such as myocardial infarction and stroke. This publication received more than 90 citations, its field weighted citation impact was 12.5, based on Scopus statistics.

In the field of pharmaceutical studies, a research collaboration between Jordan and Egypt resulted in a number of high quality publications. For example, the use of chitosan as adjuvant material added to hepatitis A vaccine led to significant increase in its beneficial effect. The publications 2020-2021 has received more than 20 citations based in Scopus.



Mutah University provides the only medical programs in the south of Jordan, serving more than 4 million inhabitants at the south governorates. The programs include the Bachelor of Medicine, pharmacy, Nursing, medical laboratories and cosmetics. In addition, there are different programs at the postgraduate's levels either master or PhD that serve the SDG3, such as the master program in public health, hospital administration, psychiatry among others.

With the advent of the covid-19 pandemic, Mutah university took several actions to mitigate the negative effect of this crisis on the national perspective. On the beginning of the pandemic, the University donated more than 110000 one hundred and 10 thousand JOD to the ministry of health to support its efforts in the first phase of the crisis. In addition, there was an important role for the academic staff at Mutah university this is exemplified by the contribution of the professor Hamid Alzoubi, professor at Mutah university faculty of medicine in the national council of combating epidemics and communicable diseases.

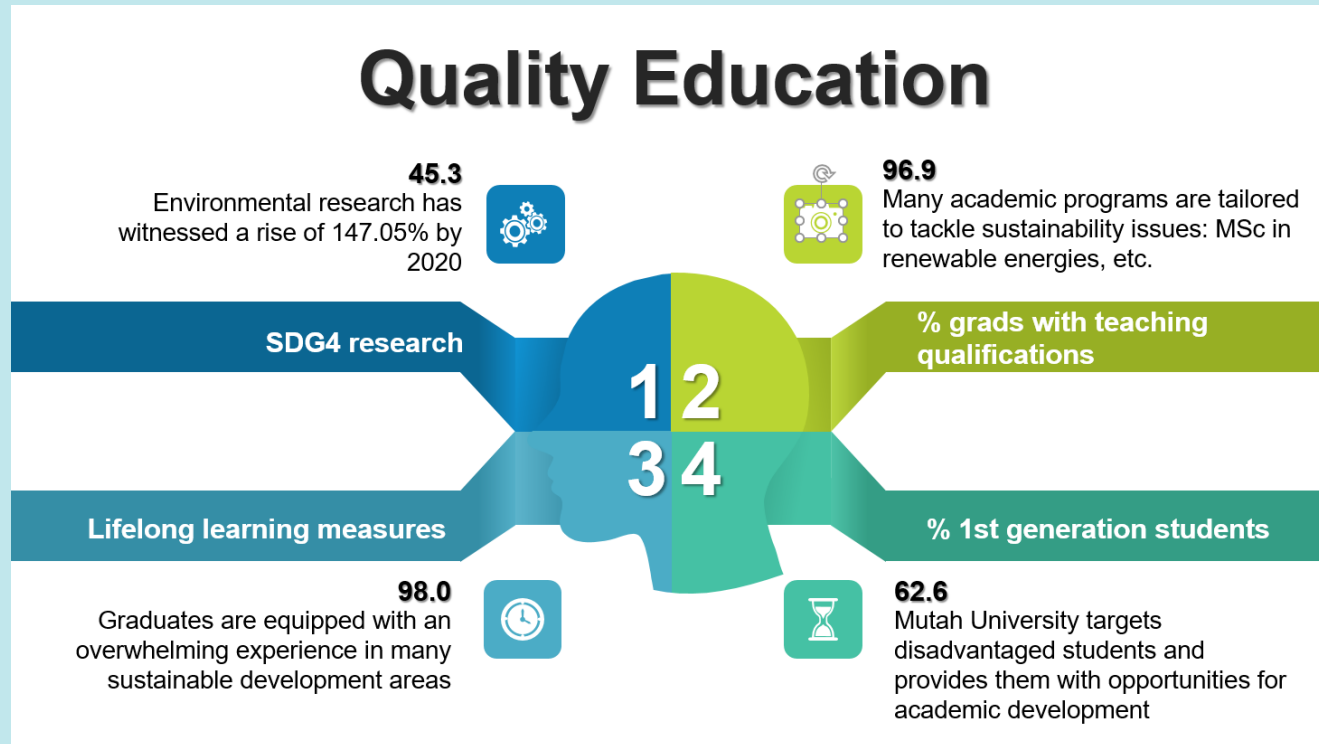
In 2020 Mutah University has participated through its faculty the 18th Oncology Conference entitled Improving Treatment for Cancer Patients. As well as it made important agreement with Food and Drug Association to support Health system in the country. The Master degree in Public Health has attracted many students in the local and national community which will in turn will be reflected in more advance in achieving sustainable development in important sector. The same is correct for the physical Rehabilitation program.



*Last year medicine students participate in the free medical day for the disadvantaged schools in Karak and Mutah region 2020*



# SDG4 QUALITY EDUCATION



In 2020, Mutah University and the Ministry of Agriculture signed a memorandum of understanding aimed at sustainably improving the environment, increasing the green area, improving the Jordanian environment, developing a national sense of responsibility, participating in public work, and protecting national resources.

[https://www.mutah.edu.jo/Lists/News/Disp\\_Form.aspx?ID=113](https://www.mutah.edu.jo/Lists/News/Disp_Form.aspx?ID=113)

Mutah University launched a qualitative initiative targeting young people from the local community, which would qualify them for the labor market, exploit the youth's energies and motivate them. This initiative comes as an affirmation of the university's role in serving the local community and continuing to provide training programs that would achieve sustainable community development in this regard. The difficult circumstances due to the spread of the Corona virus.

[https://www.mutah.edu.jo/Lists/News/Disp\\_Form.aspx?ID=121](https://www.mutah.edu.jo/Lists/News/Disp_Form.aspx?ID=121)

Mutah University is a key partner in the EU funded project "More Than A Job" that aimed to Enhance access to the employment and education system for the uneducated and for the refugees, that do not possess formal proofs of qualifications and skills.

## SDG5 GENDER EQUALITY



Queen Rania Al Abdullah Center for Educational and Psychological Studies has introduced many workshops and initiatives to bridge the gap in the field of female employment and to empower women to their role in building the society. In 2020, the training courses targeted the local community and cooperated with external lecturers to intensify the efforts to promote the psychological and cultural awareness among individuals of campus environment and the local community. <https://www.mutah.edu.jo/ar/qrc/Home.aspx>

The percentage of female academic staff has considerably increased in 2020 compared to past years as well as the number of female scholarship students has increased significantly, reaching 45 in the year 2020.



The department of Social science has developed many courses that involved issues related to gender equality and expanded in master degrees' theses that consider this important subject. According to scopus data the citation of Mutah research in this field has double in 2020 comparing to 2019. Moreover, the deanship of scientific research has developed plans to support project that addresses diversity and gender equality in Jrdanian context.

# SDG6 CLEAN WATER AND SANITATION



Mutah University researchers have come up with creative and innovative ideas and this is evident in the research on water. and recycled, especially in the College of Agriculture. Mutah University also owns a sewage purification plant within its territory and works to recycle, filter, and use all sewage water in the university for various purposes.

Mutah University has given great importance to tracking water consumption in the university, where there are many modern monitoring systems that are concerned with recording consumption rates, and the university has rationalized the consumption amounts for individuals and services within the university to be within international standards. The university has adopted governmental policies to rationalize water consumption and has strengthened these policies in a strong and solid manner and this is clearly shown inside the university campus, as all internal facilities are equipped with consumption rationalization systems and a precise program is developed for irrigation and follow-up of water consumption for all purposes in the university

The university carefully monitors the distribution of water inside it, as it is concerned with delivering water to all buildings and providing drinking water directly and distributed to all buildings and facilities of the university within a plan aimed at covering the university completely. The university relies on modern systems to monitor and conserve water, and the university laboratories conduct periodic examinations of water and its components.

## SDG7 AFFORDABLE & CLEAN ENERGY



Mutah University seeks to be a leader in the field of renewable energy, and this is evident from the fact that the university today uses all its energy from renewable sources and recycles energy from its various sources at the university. This interest in energy has led researchers at the university to make vigorous research efforts with the aim of searching for the best ways to exploit energy at various levels. The interest in renewable energy research is very clear as it covers more than 30% of the Mutah University researchers' production.

The university has adopted a set of development plans aimed at reducing and rationalizing energy consumption. The most important of these plans are: a plan to develop university buildings to be energy-conserving buildings, a plan to rationalize energy consumption, a plan to reduce the rate of carbon dioxide emissions and other gases harmful to the environment, and a plan to identify the places of higher energy consumption at the university to work on reducing that consumption. The university also supported government policies by switching from investments that depend on fossil fuels to renewable energy. This is evidenced by the university's reliance on electric vehicles and not allowing the use of traditional vehicles on campus.

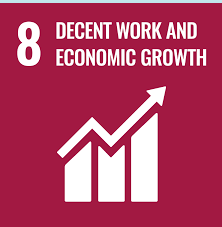
The university is interested in reducing energy consumption, even if the entire energy used in the university is from renewable sources. The energy consumption at the university for the year 2020 is 19524 GJ, and the area of the university is 2585000 m<sup>2</sup> with the ratio of energy to area 0.007 GJ/m<sup>2</sup> which is considered within the world standards.



The department of Electrical Engineering received a fund for a project aimed at investigating the effect of renewable resources (PV and wind) on the performance of Jordanian power system. The objective of the project is to introduce and implement Phasor Measurement Units (PMUs) in Jordanian National Grid to establish Wide Area Monitoring System (WAMS) and increase situational awareness for real-time operations. The project focused on the southern zone of National grid, where PMUs were deployed at Aqaba and Qatrana substations. The PMUs were installed and commissioned at both locations, providing real-time voltage and current phasors from 400 KV and 132 KV circuits through the available PTs and CTs at the stations. The PMUs were tested and synchronized with Global Position System (GPS). Data is then transmitted from substation PMUs to the enhanced Phasor Data Concentrator (ePDC) which acts as the central PDC at NEPCO control Center. ePDC collect the real-time measurements from PMUs, time-align the measurements, and then stream the PMU data to the Wide Area Monitoring System Located at the NEPCO control center over pre-existing communication system.



## SDG8 DECENT WORK & ECONOMIC GROWTH



The citations of Mutah's University research on decent work and economic growth has increased by 45.45% in 2020 compared to 2019. While the publication in this important field has experienced a considerable increase.

Mutah University is dedicated to developing employment practices for both staff and faculty members. As well, follows the rules and regulations of the Ministry of Higher Education and Scientific Research. The University is committed to paying all employees, staff, and faculty, what they deserve in compliance with the Jordanian local living wage laws. Moreover, the university is very transparent with all its employees (faculty and staff) about their employment rights in accordance with Jordanian labor laws. Mutah university has a zero-tolerance policy for any type of discrimination at work. Accordingly, it has a policy on pay scale equity, including its commitment to measuring and eliminating gender pay gaps ensuring equal pay for both male and female faculty and staff.

Mutah University has a strong retention rate of over 95% and a good level of faculty satisfaction. Moreover, the university president greets the faculty for the new academic year. The university spends JD 48 million every year on its staff (90 percent of the balance sheet). Mutah University is committed to providing a safe and secure work environment. Over 90% of all MU academic and non-academic staff have worked for more than 24 months, reflecting a high level of job security.



## SDG9 INDUSTRY, INNOVATION & INFRASTRUCTURE



Mutah University Directorate of the Education Sector at Huawei signed a memorandum of understanding between the two parties to enhance ways of cooperation between the two parties in the fields of communications and information technology, and the transfer of expertise and knowledge as well as to support the university's efforts in developing its infrastructure and strengthening its computer organization and information technology, in addition to the training programs provided by Huawei for university employees.

The university through its Technology Transfer Office and with the aid of WIPO and Ministry of Commerce and Industry has developed its Intellectual Property Policy and opened a center for Technology and Innovation (TISC) that primarily provides innovators in Mutah University with access to locally based, high quality technology information and related services, helping them to exploit their innovative potential and to create, protect, and manage their intellectual property (IP) rights. . Mutah University has recently supported many research projects that will generate financial returns that contribute to improving the financial and research performance of the university, and among the most prominent of these projects is Smart Grid Technologies using Phasor Measurement Units (PMUs) and Wide Area Monitoring System (WAMS) in the Jordanian power system.





## SDG10 REDUCE INEQUALITIES

There are 8% students from developing countries and low-income level or middle-income level 10% special quota assigned for international students at Mutah University. Mutah University has developed processes and standards to improve access to undergraduate education for students from poor socioeconomic origins or refugee backgrounds as part of its commitment to meeting its duties to achieve equal results. This expansion of opportunity extends globally as well, with many of our foreign students coming from low- or low-middle-income nations. Fee-reduction grants are often available to these students. The significance of this initiative is reflected in the University's market share in several of the largest of these country marketplaces (Iraq, Malaysia, Philippines, Indonesia).

100 students at Mutah University are identified with one or more disabilities. The university offers extraordinary facilities to all its students, without any additional cost, one of which being 'hotline service'. Also, every building is equipped for these students.

10 staff at Mutah University are identified with one or more disabilities. Handicapped parking slots for all disabled staff members are provided, also every building is equipped for these staff members.



# SDG11 SUSTAINABLE CITIES & COMMUNITIES



Mutah University seeks to be a leader in the field of renewable energy, and this is evident from the fact that the university today uses all its energy from renewable sources and recycles energy from its various sources at the university. This interest in energy has led researchers at the university to make vigorous research efforts with the aim of searching for the best ways to exploit energy at various levels. The interest in renewable energy research is very clear as it covers more than 30% of the Mutah University researchers' production.

The university adopted development plans to reduce and rationalize energy consumption, such as: a plan to develop university buildings to be energy-conserving buildings, a plan to rationalize energy consumption, a plan to reduce the rate of carbon dioxide emissions and other gases harmful to the environment, and a plan to identify the places of higher energy consumption at the university to work on reducing that consumption. The university switched from investments that depend on fossil fuels to renewable energy. This is shown by using electric vehicles on campus.

The university is interested in reducing energy consumption, even if the entire energy used in the university is from renewable sources. The energy consumption at the university for the year 2020 is 19524 GJ, and the area of the university is 2585000 m<sup>2</sup> with the ratio of energy to area 0.007 GJ/m<sup>2</sup> which is considered within the world standards.

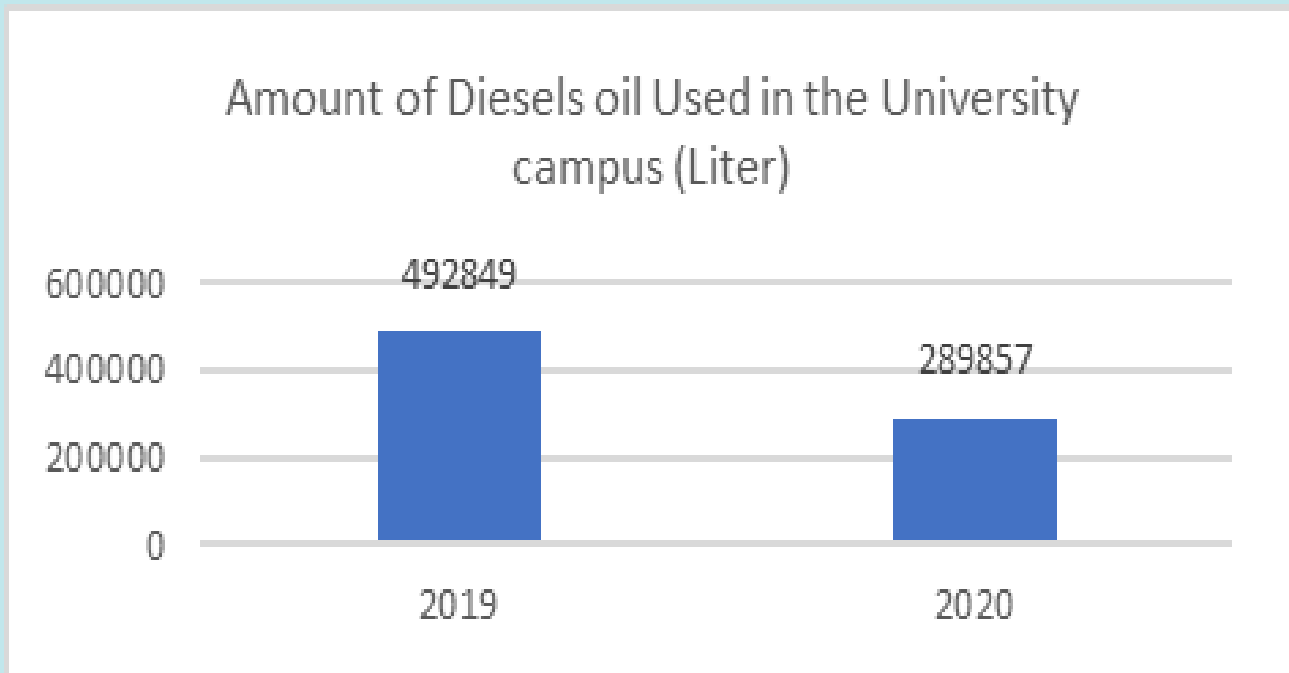


## SDG12 RESPONSIBLE CONSUMPTION & PRODUCTION



By identifying energy-intensive electrical utilities on campus, Mutah University has a clear plan for implementing energy-saving measures. Also, a cost-benefit analysis for improving power quality and reducing energy use. Identifying wasteful electrical processes on campus is also a priority. Furthermore, the university conducted a financial benefit (billing cost reduction), investment, and payback period analysis.

Mutah University is implementing several adjustments and processes to guarantee the rationalization of energy consumption on campus through all its operating units. To identify excessive energy waste, the institution has implemented several monitoring stations through a set of executive arms inside it. The chart below shows how much diesel oil was consumed on the University campus in 2020 and 2021. It is obvious that the amount of utilized oil was significantly decreased because of the strategies established for the objective of transitioning to the Green University.







# SDG13 CLIMATE ACTION

Mutah University Research has performed many activities related to Climate Action such as, Teaching specialized subjects in climatology, climate change, climatic geography, and scientific and regional climate within the study plan for students at the bachelor's level, Holding a workshop within a project funded by Daad International Organization for the exchange of geographical information between Mutah University, the Universities of Munich and Berlin, the Lebanese University, Yarmouk University, the Remote Sensing Center, the National Council for Scientific Research, the Regional Center for Space Science and Space Technology for West Asia, the Refugee Studies Center and the World Food Program.

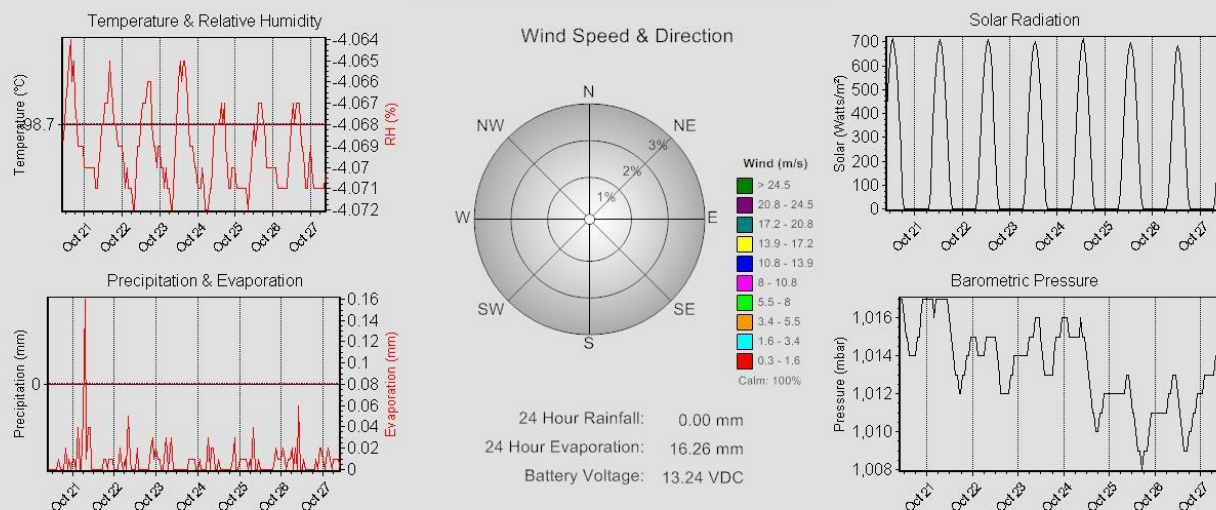
The university has taken many environmental education measures such as:

1. Holding specialized environmental seminars in cooperation with environmental affairs specialists in the governorate and the Environmental Police Department
2. Teaching courses in the areas of using remote sensing in environmental studies, green buildings, business sustainability, and environmental education
3. The existence of master's thesis specialized in climate change and environmental dangers and their impact.
4. There is a scholarship PhD student Ohio University, USA from Mutah University working on "Developing sustainable composite materials from mining waste materials to produce low carbon building materials."



Prince Faisal Center for  
Dead Sea, Environmental  
& Energy Research

## Dead Sea Meteorological Station



Collaborative project between NATO - Canada - Jordan



## SDG14 LIFE BELOW WATER

Mutah University looks at all the national wealth in Jordan in general and in the southern region in particular. This emerged from the university's proximity to the Gulf of Aqaba, where the university, through the Naval Research Station, conducted many studies on marine life and this is clearly shown in the College of Agriculture Research Lists. The university organizes many scientific courses dealing with marine life and fishing in Aqaba, and its work is not limited to this aspect, but it has developed the system of agricultural ponds and monitored production in them through specialized academic departments such as the Department of Animal Production in the College of Agriculture.

Mutah University has adopted many measures to protect and develop marine life, so it has worked to participate in the activities supporting the cleaning of the Gulf of Aqaba and its beaches, in addition to the great interest in the Dead Sea and the follow-up of scientific studies around it. Mutah University supports water stability at the university level and at the level of Jordan in general, as the university includes a purification plant that purifies and filters water and uses it for agricultural purposes. It also supplies the farms of the area surrounding the university with water to a large extent. In addition, the university supports studies and research on water and the sustainability of its sources through the university's academic departments such as the Department of Civil Engineering, Water and Environment, and the College of Agriculture in its various departments and some of its research centers.



## SDG15 LIFE ON LAND



The university has encouraged research into land ecosystems through

1. Teaching MA thesis materials and discussions in agricultural land uses (retreat of green spaces); 2. Holding a scientific workshop in cooperation between the College of Agriculture, the Jordanian Society for Scientific Research, Entrepreneurship and Creativity and the Union of Agricultural Research Institutions in the Near East and North Africa (ARENNA) to protect agricultural areas and work to expand those areas.

The university has supported the lands' ecosystems through education, as awareness campaigns were conducted on increasing the agricultural area and carrying out agricultural activities such as planting forest trees in the empty spaces, involving students and workers in these activities. As well as carrying out systematic and non-systematic activities for students to clarify the importance of lands and spaces within the campus and how to exploit them to the fullest.

The university worked to protect its campus from pollutants in many ways, including providing environmentally friendly containers and recycling containers, creating special dumps for waste of all kinds and recycling them to serve the university, rehabilitating and training workers in the relevant field, and also monitored tanks carrying dangerous wastewater, preventing random dumping, and protecting Natural resources with the help of the Ministry of Environment, the first support for the protection of the ecological system in Jordan.



## SDG16 PEACE, JUSTICE & STRONG INSTITUTIONS



The university values diversity and equity for all members of the community, and it believes in the principles of peace and justice. Promote peaceful and inclusive societies for long-term development, provide equal access to justice, and establish effective, responsible, and inclusive institutions at all levels. Our law and social justice researcher Investigate the role of law in resolving inequities and creating a fairer society. It seeks to create research that tackles the worldwide problem of inequality, with a focus on accessing and implementing justice, law, and social sustainability, and (legal) embodiment.

Mutah University's governance measures include an elected representation on the university's governing body and recognition of a student's union. It also includes policies to engage local stakeholders and policies that support academic freedom. The university takes measures to fight corruption and to combat bribery through the principles of organized crime, corruption, and bribery. The university is also transparent in publishing its financial data.

The university works together with the government to provide expert advice and outreach at both national and local levels. In addition, the university undertakes policy-focused research in collaboration with government departments and provide a neutral platform for political stakeholders to discuss challenges. Number of graduates 184, and Number of total graduates from Law 2725, while Law and civil enforcement graduates account for 7% of all graduates.



# SDG17 PARTNERSHIPS FOR THE GOALS

17 PARTNERSHIPS FOR THE GOALS



The mission of Mutah University declares clearly the pursuit of achieving the sustainable economic and social development that is translated in the regulations, procedures and programs provided by the university within the campus and outside.

Mutah university has participated through its members with the government and regional non-government organizations in addressing and finding solutions to problems and challenges, developing policies and strategies, modelling likely futures with and without interventions, monitoring and reporting on interventions, and enabling adaptive management.

Mutah university has engaged during 2020 in international projects that focus on sustainability such "More than Job." "Job-Jo," "SHELTERS" and "ECO-CAR" Projects. As well as national projects that concentrated on tackling issues relevant UN SDGs as a whole.

Many research papers have been published that discussed issues such as: green marketing, global cities, sustainable development and impact of innovation, etc.

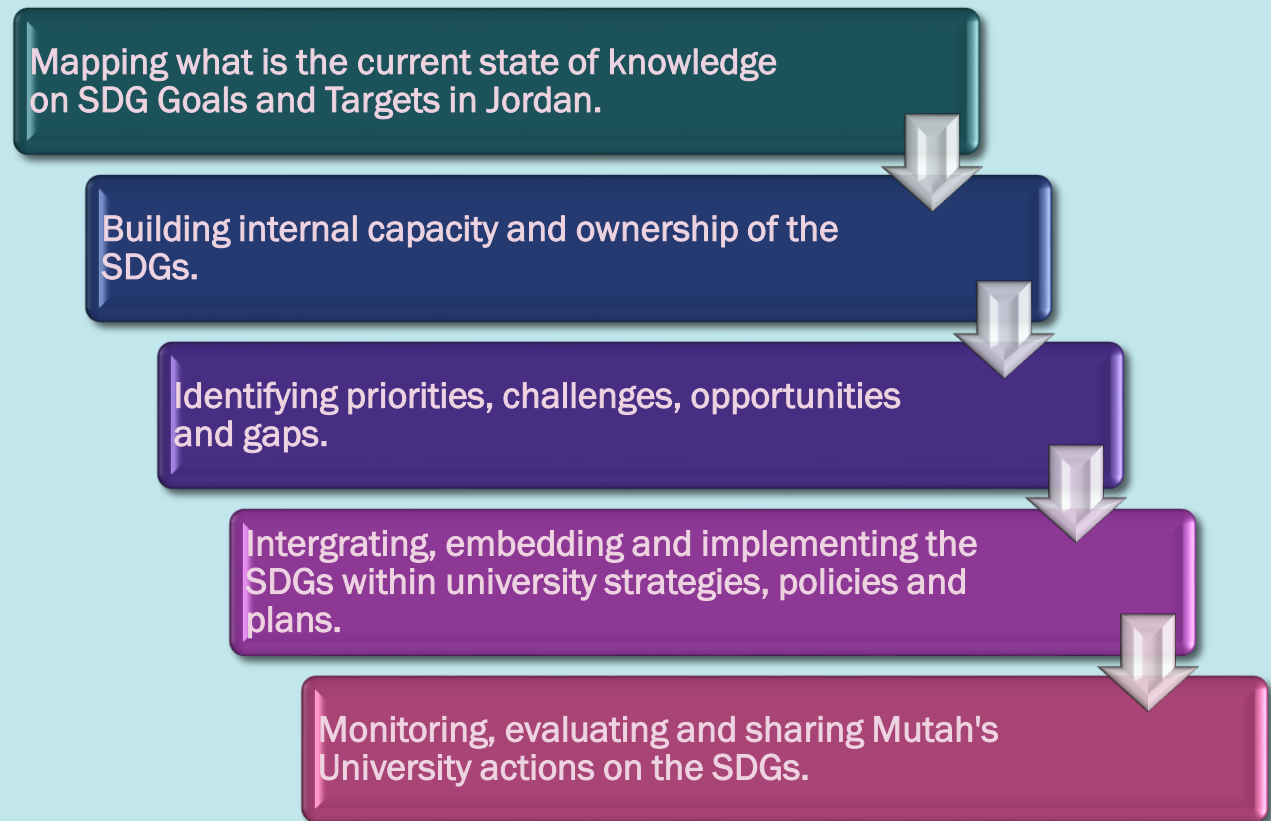
During 2020, Mutah University has signed important agreements with several national organizations so as to foster its efforts to integrate with UN SDGs such as: The Royal Geographical Center, Jordan Food and Drug Association, Democratic Promising Family Association, Hawaii-Jordan and Ministry of Agriculture to improve environment sustainability. Moreover, the Regional Center for Disease Control and Prevention, in cooperation with experts from the Mutah University College of Medicine, prepares a regional protocol for the treatment of corona disease.

Furthermore, Mutah University and its employees contribute 110 thousand JDs to support the efforts of the Ministry of Health in confronting the spread of the Corona virus. Initiatives such as "Voluntary initiative called "Healthier Jordan" and "Youth training" have been emerged from Mutah University to promote the partnership between SDGs. While, The College of Medicine participates in the 18<sup>th</sup> Oncology Conference entitled Improving Treatment for Cancer Patients. In addition to events held to address the most important challenges facing environmental sustainability ([https://www.mutah.edu.jo/ar/research/SiteAssets/Lists/News/NewForm/%D8%AC%D8%A7%D9%85%D8%B9%D8%A9%20%D9%85%D8%A4%D8%AA%D8%A9%20\(%D9%85%D8%A7%D8%B6%D9%8A%20.%20%D8%AD%D8%A7%D8%B6%D8%B1%20.%20%D9%85%D8%B3%D8%AA%D9%82%D8%A8%D9%84\)%20\(1\).pdf](https://www.mutah.edu.jo/ar/research/SiteAssets/Lists/News/NewForm/%D8%AC%D8%A7%D9%85%D8%B9%D8%A9%20%D9%85%D8%A4%D8%AA%D8%A9%20(%D9%85%D8%A7%D8%B6%D9%8A%20.%20%D8%AD%D8%A7%D8%B6%D8%B1%20.%20%D9%85%D8%B3%D8%AA%D9%82%D8%A8%D9%84)%20(1).pdf)).

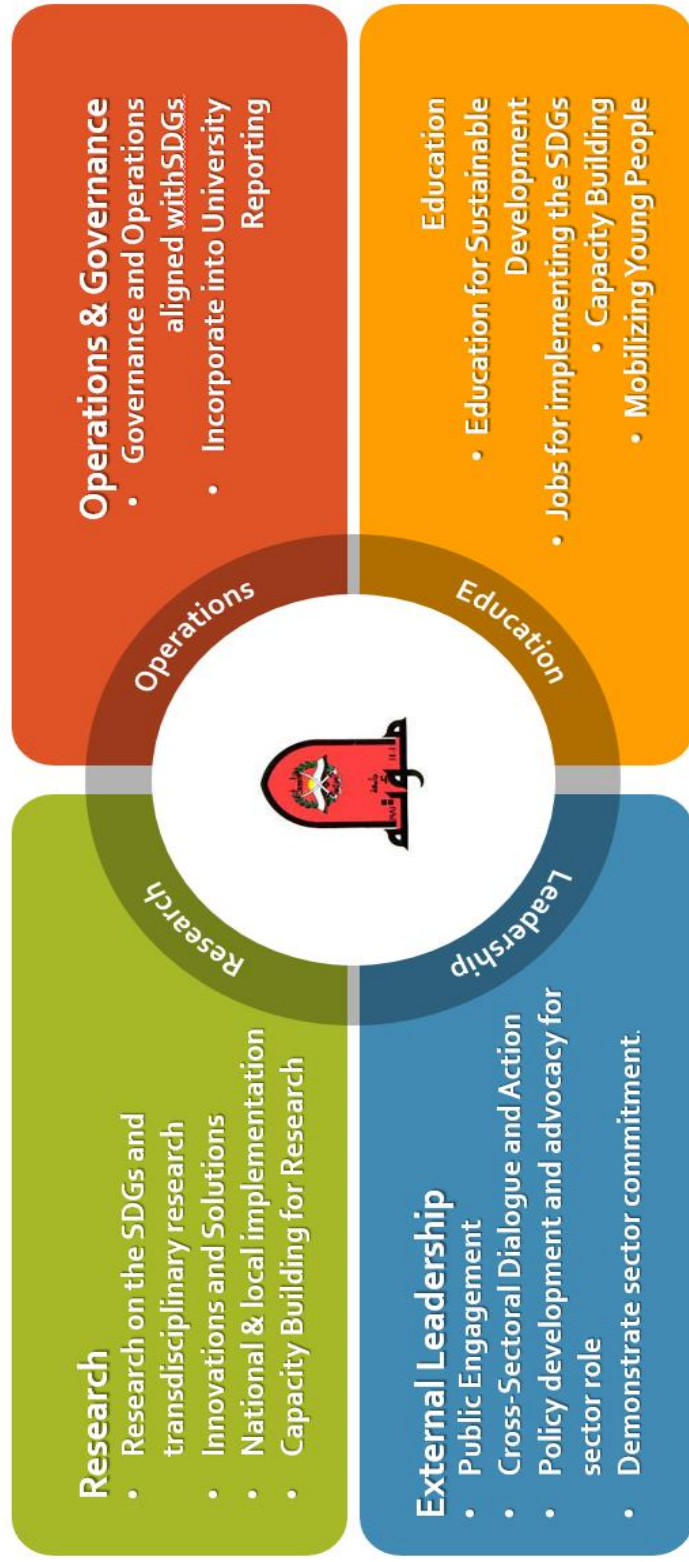


## LOOKING FORWARD

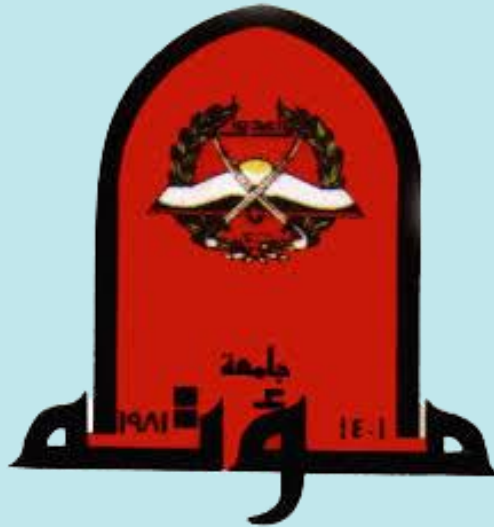
Although the year of 2020 was unprecedented; extraordinary and challenging one, there have been a progress in many fields concerning the goals of United Nations for Sustainable Development. This encourage us at Mutah University to strive to move forward with meaningful impact for this vital work across our Curriculum, Operations, Research and Engagement framework. In the coming months, Mutah University will take serious steps to enhance the Sustainability file, by considering and applying the following milestones.



# How Mutah University can contribute to the SDGs?







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