



Towards renewable energy (100%), 2020



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Mutah University

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Mutah University,

Mutah University is located in the town of Mutah in the Karak Governorate, 135 km south of the Jordanian capital Amman and 12 km from the ancient Karak Castle. The university was established by royal decree in 1981, and it is a two-pronged university, civil and military. The military wing began its work in 1984, and in 1986 the Council of Higher Education decided to establish a civilian wing in it.

The area of the university in its main site is 400 acres, 15 colleges, including 7 scientific colleges: science, engineering, medicine, pharmacy and nursing, and 7 humanities colleges: public arts, law, Sharia, educational sciences, sports sciences and a college for graduate studies, in addition to two deanships, namely: the Deanship of Scientific Research, and the Deanship of Student Affairs, and the university offers 105 academic programs, including 53 programs at the bachelor's level, 42 programs at the master's level, 9 programs at the doctoral level, and one program at the higher diploma level.

*Toward
"Green University-Surplus Energy University"*

Community Development Unit

The service of the local community through what the university offers as a scientific and civilized institution is the solid scientific basis for societal unity, and it is the real choice of solidarity, parity and integration, according to which a regular increase in individual and collective productivity is achieved within a framework of relations that deepen participation and provide guarantees of individual and societal security that take into account the present data and the needs of The future and its prospects, and based on this concept, the Community Development Unit at Mutah University, which was established in 2002, worked to bring about the positive changes required in the life of the individual and society.

Through its development programs and plans as follows:

- Holding development programs such as lectures, workshops, seminars and conferences to support the axes of cultural, social and economic development for the local community to determine its needs and develop an appropriate mechanism to serve it.
- Coordination between the university and the local community to determine its needs and develop an appropriate mechanism to serve it, especially by switching to renewable energy and supporting its substitution for traditional energy.
- Preserving the vocabulary of the Jordanian heritage, especially in the southern region, and working on everything that contributes to deepening the authenticity of this heritage.

The Community Development Unit held several meetings with representatives of the local community and its leaders in order to spread awareness about the importance of preserving the environment and the dangers of climate change and the need for a complete transition to renewable energy sources to meet the various energy needs. The meetings include the followings:

- ✓ A meeting with representatives of the agricultural sector and spreading awareness of the use of photovoltaic systems for water pumping and irrigation instead of using traditional sources.
- ✓ A meeting with the women of the local community and raising awareness about the use of alternative sources of energy and the need to rationalize energy consumption and preserve the environment.
- ✓ Meeting with shop owners and spreading awareness of replacing traditional energy sources with renewable energy



- ✓ A meeting with local community school students and raising awareness about the importance of energy and the need to conserve it, support the use of renewable energy sources, and support creative ideas.
- ✓ A meeting with the local government to support the idea of switching to renewable energy, providing studies and consultations in this regard, and putting forward some ideas such as lighting roads with solar energy, green gardens, and other.

The Community Development Unit has adopted some creative ideas to switch to solar energy, such as:

Project Name	Definition
The Solar Umbrella Project	It is a project that deploys waiting seats equipped with chargers that operate on solar energy.
Solar heaters project	a project through which the university divided the local community into sectors and distributed free solar heaters with the aim of spreading awareness and promoting the idea.
Free Studies Project	A project that aims to provide studies on switching to photovoltaic cells in homes for free
Solar Lighting Project	It is a project that aims to convert the lighting of all roads in the local community area to operate with solar energy. The university distributed, installed and maintained the distributed units, and 60% of the project was implemented until 2020 and is expected to be completed by 2025.
Green academy project	It is a project that aims to hold training courses to help the local community in dealing with various renewable energy systems

Photo album





Within the framework of the strategic plan of Mutah University, the university has taken upon itself to adopt supporting the idea of the transforming toward 100% to the renewable energy for the local community to help in environment and to combating climate change.



Mutah University
