



## Energy and the Community

University : Al Balqa Applied University  
Country : Jordan  
Web Address : bau.edu.jo

**SDG 7.4.4**

### [7.4.4] Policy development for clean energy technology

| Al Balqa Applied University<br>Al Salt - Jordan   |   |  |        | جامعة البلقاء التطبيقية<br>الأردن - السلط |  |
|---|---|---|--------|---|--|
| <b>Policy Name:</b>   | Development of Clean Energy Technology Policy                         |   |        |   |  |
| <b>Code:</b>  | BAU_022   | <b>Published date</b>   | 2023   |   |  |
| <b>Reviewed date</b>  | 2025  | <b>Confidentiality status:</b>  | Public |   |  |
| <b>Accreditation:</b>   | Quality Assurance and Continual Improvement Council (QACIC)           |   |        |   |  |
| <b>Responsibilities:</b>  |   |   |        |   |  |
| <b>Implementation:</b>  | All BAU's Academic Colleges, Administrative Units, Scientific Centers |   |        |   |  |
| <b>Revision and Improvement:</b>  | Development and Quality Assurance Center                              |   |        |   |  |
| <b>Policy (Arabic):</b>   |   |   |        |   |  |
| <p>تلتزم جامعة البلقاء التطبيقية بالريادة في مجال الطاقة النظيفة، من خلال تعزيز استخدام مصادر الطاقة المتجددة، كإشياء المركز الدولي لبحوث المياه والبيئة والطاقة، وإنشاء محطة الطاقة الكهربائية الشمسية في حمرة الصحن واستحداث برامج متخصصة في الطاقة المتجددة، لتكون جامعة البلقاء التطبيقية منصة رائدة في البحوث التطبيقية والابتكار بمجال الطاقة النظيفة، وتعزيز التعاون مع خبراء الصناعة والهيئات الحكومية والمؤسسات البحثية الدولية لتبادل المعرفة وتشجيع الابتكار في مجال الطاقة النظيفة، وتطوير البرامج الأكاديمية المتخصصة في تكنولوجيا الطاقة النظيفة، وتنظيم الندوات وورش العمل وحملات التوعية لإشراك الطلبة والمجتمع في فهم أهمية الطاقة النظيفة وتطبيقاتها، وكذلك وضع أهداف قابلة للقياس ومؤشرات أداء رئيسية بهدف لتتبع التقدم وتأثير مبادرات الطاقة النظيفة، وقياس مدى فعالية السياسات والمشاريع البحثية والبرامج التعليمية، وإجراء التحسينات المستمرة.</p>                    |   |   |        |   |  |
| <b>Policy:</b>  |   |   |        |   |  |
| <p>Al-Balqa Applied University (BAU) is committed to pioneering the advancement of clean energy technologies and leading sustainable transformation across its campuses, through establishment of research centers, deploying renewable energy solutions on campus, such as solar power systems, to reduce dependency on traditional energy sources, foster collaboration with industry experts, governmental bodies, and international research institutions to share knowledge and promote innovation in clean energy, Introduction of programs dedicated to clean energy technologies, organizing seminars, workshops, and awareness campaigns to engage students and the community in understanding the importance of clean energy and its applications, establishing measurable goals and key performance indicators to track the progress and impact of clean energy initiatives.</p> |   |   |        |   |  |
|    |   |   |        |   |  |
| <b>BAU's Development of Clean Energy Technology Policy</b>  |   |   |        |   |  |

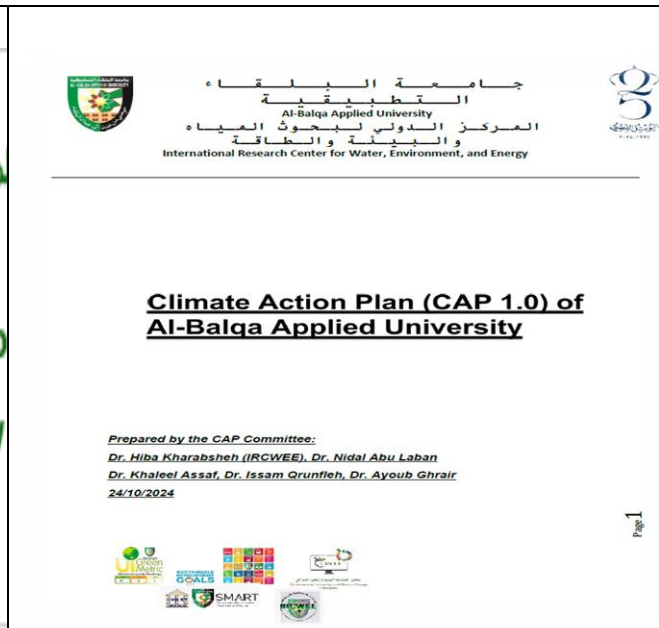


**New Electric Vehicles**

Al-Balqa Applied University launches landmark solar energy project for electricity generation

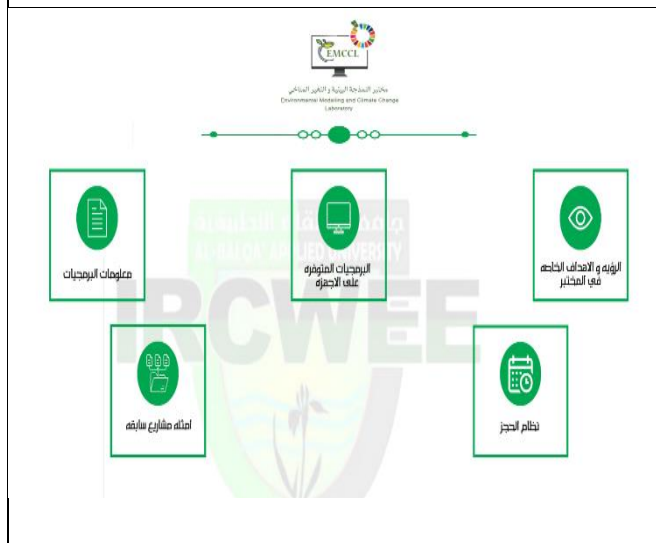


**BAU Launches Landmark Solar Energy Project for Electricity Generation**



## IRCWEE Activities and Initiatives

## BAU's Climate Action Plan



## Environmental Modelling and Climate Change Laboratory (EMCCL)

## Research Database of the International Research Center for Water, Environment and Energy (IRCWEE)





## Mitstubishi, Al Balqa Applied University sign scholarship MoU

By JT - Oct 16, 2022 - Last updated at Oct 16, 2022

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AMMAN — Al Balqa Applied University and Mitsubishi Company in Tokyo represented by its branch residing in Amman signed a memorandum of understanding (MoU) to offer a scholarship in the specialisation of hybrid and electric cars for outstanding students in mechanical engineering at Al Balqa Applied University – Faculty of Engineering Technology.

### Mitstubishi, Al Balqa Applied University sign scholarship MoU

#### Water ministry signs two MoUs to enhance sector's performance

Amman, June 8 (Petra)— Ministry of Water on Thursday signed two memorandums of understanding (MoU) with Al-Balqa Applied University (BAU) and Taffa Technical University (TTU) to enhance cooperation with national research institutions and universities.

The two memos, which were inked with support of the USAID-funded Water Governance Activity (WGA), aim to support and motivate postgraduate students in Jordanian universities, to be "entrepreneurial and achieve sustainable development goals," and spur universities' engagement in scientific projects and joint action on the water sector's priorities, according to a ministry statement.

Minister of Water and Irrigation, Mohammad Najjar, who attended the signing ceremony, said the two memos came in the context of government plans within the Economic Modernization Vision (EMV) and development of the public sector's performance, to boost cooperation among research centers, universities and the water sector in adopting "creative" ideas in managing and preserving water and strengthening scientific research efforts.

Najjar also affirmed the ministry's readiness to cooperate with all universities, research institutions and partners, to meet challenges facing Jordan's water sector.

This process, he noted, requires "integrated" management of water resources, develop infrastructure and launch new initiatives and projects that meet water needs, by developing long-term plans that ensure the "optimal" distribution of water base.

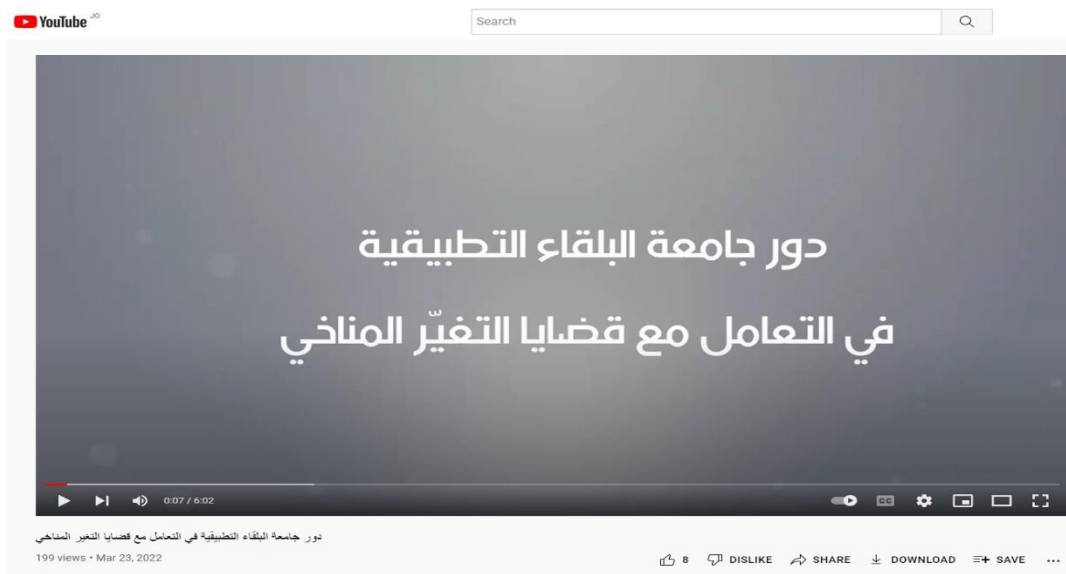
The minister called on continuing these "pioneering" initiatives and ideas to find solutions to Jordan's water challenges and improve level of service provided to citizens, by integrating national scientific expertise to confront these hardships.

JPetra/ AG

### National and International Cooperation in the Environmental Field



[Energy and Green Entrepreneurship Workshop at BAU in Collaboration with the Crown Prince Foundation](#)



[The Role of Al-Balqa Applied University in Addressing Climate Change in Jordan](#)



Training workshop: Climate change



Raising awareness workshop: The role of universities in sustainable development





Open Access Article

## The Design of a PV System of a Multi-Location Large Consumer: A Case Study from Al-Balqa Applied University

by Akram Al-Mahrouk <sup>1,\*</sup> , Emad Awada <sup>2,\*</sup> , Wasseem Al-Rousan <sup>1</sup>  and Dana Al-Mahrouk <sup>2</sup> 

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Versions Notes

[The Design of a PV System of a Multi-Location Large Consumer: A Case Study from Al-Balqa Applied University](#)



**Jordan Journal of Civil Engineering**

Journal homepage: <https://jjce.just.edu.jo>



## Climate Change in Jordan: A Case Study of Yarmouk Basin Using Statistical Downscaling Model

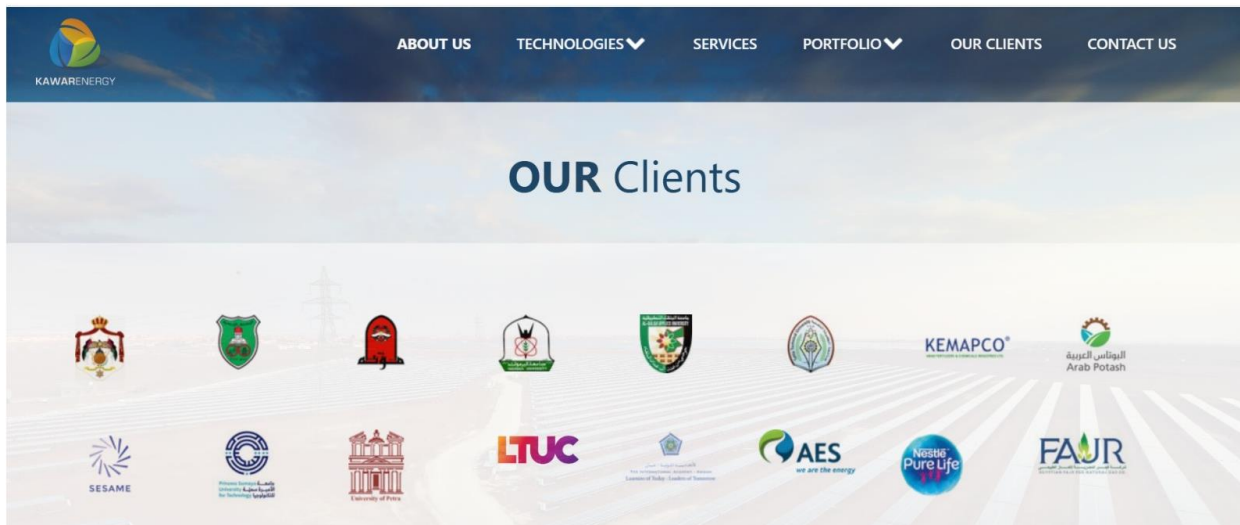
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[Climate Change in Jordan: A Case Study of Yarmouk Basin Using Statistical Downscaling Model](#)



### Sample of BAU's Partners

[Kawar Energy - Clients](#)



[BAU Contributes to the Second Phase of the “Recycling Sustains Life” Initiative to Foster Environmental Awareness and Green Practices](#)





## Smart Agriculture Hub at BAU



[Smart Agriculture Hub BAU](#)



[IRCWE at Al-Balqa Applied University Joins National Program to Raise Awareness on Climate Justice in Jordanian Universities](#)



## MY COMMUNITY

UNLIMITED THINKING

Funded by the European Union  
ممول من الاتحاد الأوروبي

مشروع مجتمعي  
مشروع إبداع للتحول في عمارة التنمية في الأردن

"التغيير يبدأ بفكرة"  
وحد المشكلات مهارة يمكن تعلمها!  
"انضم إلى برنامجنا التدريبي وتعلم كيف تحول التحديات إلى فرص."  
#مشروع\_مجتمعي

30 مليون دينار  
60 مليون دينار  
300 مليون دينار  
10 مليون دينار  
30 مليون دينار  
11 مليون دينار

Launched by Al-Balqa Applied University, [My Community](#) is a youth-led initiative that seeks to strengthen environmental sustainability and circular economy practices in local communities. The project gives university students and young entrepreneurs the power to plan and implement green or eco-friendly solutions to issues confronting the Jordanian urban and rural environment.