



## THE Impact Ranking 2023

University: Al-Mustaqbal University

Country: Iraq

Web Address: <https://uomus.edu.iq/en/default.aspx>

SDG 7.4: Energy and the community

7.4.5: Does your university as a body provide assistance for start-ups that foster and support a low-carbon economy/technology?

Al-Mustaqbal university do offer direct services to local industries aimed at improving energy efficiency and clean energy. These services often fall under the umbrella of outreach programs, research initiatives, or collaborations with local businesses and industries. Here is common way in which the university can provide such services:

**Research and Development Support:** The university offers research grants, access to cutting-edge laboratories and equipment, and partnerships with faculty and researchers who have expertise in low-carbon technologies. For example, One of these service that involve a patent on “Design of Cooling System for an Automotive using Exhaust Gasses of Turbocharged Diesel Engine”



Image for the design is inserted below;



**Long-term plan that represented as next steps: Establish a Baseline and Move Forward**

1. **Energy Efficiency Assessments:** The university with expertise in energy efficiency will offer assessments to local industries. These assessments can involve energy audits to identify areas where energy efficiency improvements can be made. Recommendations might include upgrades to equipment, building modifications, or changes in operational practices to reduce energy consumption.
2. **Workshops and Training:** The university will organize workshops, training sessions, and seminars to educate local industries about energy-efficient practices and the adoption of clean energy technologies. These events can help businesses understand the benefits and implementation strategies for energy efficiency.
3. **Feasibility Studies:** The university will conduct feasibility studies to assess the viability of renewable energy options, such as solar or wind power, for local industries. These studies can provide valuable insights into the potential benefits, costs, and environmental impacts of adopting specific clean energy solutions.



4. **Technical Assistance:** The university will provide technical assistance to local industries seeking to implement renewable energy projects. This can include assistance with grant applications, permitting, system design, and project management.
5. **Incubators and Innovation Hubs:** The university has business incubators or innovation hubs focused on clean energy startups and technologies. So this could be provide mentorship, funding opportunities, and access to research facilities for local entrepreneurs and businesses working in the clean energy sector.

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