

Promotion of Energy – Efficient Buildings Towards Developing
Sustainable Built Environment in the Gaza Strip – Palestine | PEEB
A partnership between the Palestinian Territories and Austria

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The PEEB project was initiated in order to establish an academic collaboration between TU Wien and the Islamic University of Gaza (IUG). The general goal of this collaboration is to support and advance the educational framework of IUG, with special focus on the field of energy efficiency in buildings. Furthermore, the potential and key advantages of e-Learning will be assessed through practical implementation of advanced learning and teaching modules, thus implementing the distance learning methods. Additionally, the project will contribute to the sustainable development of the Gaza Strip and more environmentally friendly metropolitan areas with minimum adverse environmental impacts due to buildings' energy consumption.

Within the framework of this project an educational and training environment focusing on different sustainable construction solutions and technologies will be developed. This platform will aim to promote and develop the skills for sustainable construction through a comprehensive learning module on energy efficiency in buildings and urban environments. This platform will further be incorporated in the curricula of the architecture department at the IUG. The proposed framework is expected to implement lasting improvements in education, thus strengthening the educational, research, and management capacities of IUG and also expanding the reach of TU Wien's teaching capacities.

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