

SUSTAINABILITY IN EDUCATIONAL FACILITY**By:** Dunama Sa'adat Madaki**Supervised by:** Prof. Dr. Semih Eryildiz
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Educational institutions around the world act as centers for knowledge, innovation, and research. To make sure that all of these activities take place in a friendly environment, it is essential to make the facility environment sustainable through the use of renewable sources and reducing the number of pollutants in the environment. An ecological educational facility includes using technologies like a great waste recycling system, renewable energy sources, a pure water recycling system, the use of sustainable building materials, a green landscape, and much more. This article is aimed at introducing, maintaining, and developing sustainability in educational facilities.

Keywords:

Sustainability, Education, and Environment

INTRODUCTION

Every living thing needs to be healthy and have a good state of mind. This should be reflected in the design of buildings and their environment as a whole. People's health and safety should come first, and the learning space should not be left behind as people of various ages spend many hours in educational facilities daily to increase their knowledge of different kinds. In order to engage in physical activity and lead an active lifestyle, a few factors must come together.

It is necessary to implement certain design criteria in order to create and maintain an environmentally and sustainably friendly educational facility. A few examples are implementing a green policy, teaching environmental preservation lessons, and supporting school groups.

Recycling waste, conserving energy, recycling water, utilizing eco-friendly materials, and using eco-friendly transportation ways.



*Bahriye Üçok kindergarten. Turkey's first ecological kindergarten
Source: Uplifers.com*

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OBJECTIVES

The primary goal of this study is to enhance and sustain a healthy lifestyle for pupils, students, and staff members of educational facilities by incorporating a high percentage of nature into the environment, using renewable sources of materials, such as renewable sources of energy, a good water recycling system, and encouraging healthy and sustainable sources of transportation (bicycles, walking, electric vehicles) inside the premises. These all help to purify the environment.

THE BENEFITS OF A SUSTAINABLE EDUCATIONAL FACILITY

If all the aforementioned elements are in place and an environmentally friendly and sustainable educational facility is realized, the occupants could reap a number of benefits, and those benefits would also be extended to the society in which the facility is situated by helping to promote biodiversity, expanding national and regional forest management initiatives, and also to help maintain the structure and functionality of the ecological system.

CONCLUSION

Human health and well-being are of utmost significance; as a result, their environment should always be safe and welcoming. This can be accomplished by integrating nature into the surroundings, using sustainable transportation systems, and utilizing sustainable and renewable building materials in structures.

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