



## **Sustainability Report for Altoosi University (previously, college)**

**October, 2023**

**Najaf, Iraq**

## Introduction

Altoosi University College, based in Najaf, Iraq, is striving to enhance its environmental impact through sustainable practices. This report takes a look at the university's current initiatives, focusing on waste management, energy efficiency, water conservation, community involvement, and future plans. The aim is to make the campus a more sustainable and responsible place for everyone.



## Campus Operations and Waste Management

Waste segregation is a key focus at Altoosi University. To ensure proper disposal, the campus uses a color-coded system:

- **Red Bins** are for chemical waste to prevent any hazardous leaks.
- **Yellow Bins** handle glass waste, allowing safe disposal and recycling of glass materials.
- **Blue Bins** collect general waste, making routine disposal easier and more organized.

This setup helps maintain safety and promotes environmentally sound waste handling.



### Energy Efficiency Initiatives

The university is keen on improving energy use. Although exact data isn't available, efforts are underway to reduce energy consumption. These efforts include:

- Optimizing how energy is used in buildings, such as upgrading insulation, switching to energy-saving lights, and efficient appliances.
- Exploring renewable sources, like solar panels, to provide cleaner energy for campus operations.

The goal is to minimize the campus's overall carbon footprint.



## Community Engagement and Sustainability Education

Altoosi University values community engagement as part of its sustainability mission:

- The university participated in the Al-Mustaqbal University Week Festival, a sustainability-focused event, showcasing its dedication to environmental awareness.
- Teaching sustainability is part of the curriculum, preparing students to be responsible stewards of the environment.



## Future Plans

Altoosi University has set ambitious sustainability goals for the coming years, including:

- Crafting a detailed sustainability strategy with specific targets in waste management, energy saving, and ethical procurement.
- Establishing a Sustainability Office dedicated to driving these initiatives and keeping track of progress.
- Expanding the use of renewable energy sources on campus.
- Enhancing recycling programs and aiming for a zero-waste approach.

## Sustainable Water Management

Water management is crucial at Altoosi University, given the arid climate. Planned initiatives include:

- Installing rainwater harvesting systems. (planned)
- Reusing greywater for irrigation and non-drinking purposes.

These measures will help reduce water usage and improve sustainability.

## Green Spaces and Biodiversity

The university is expanding green areas, incorporating native plant species that require less water and maintenance. Future projects will include gardens and habitats to support local biodiversity.



## Research and Innovation in Sustainability

Sustainability research is a priority at Altoosi University. Efforts are focused on renewable energy, eco-friendly engineering, and encouraging student-led projects that contribute to sustainability.

## Sustainable Procurement and Food Systems

The university is planning to implement a green procurement policy, focusing on buying eco-friendly products and encouraging sustainable dining practices.

## Monitoring and Evaluation

To track progress, the university will establish clear sustainability metrics, involve stakeholders, and publish regular reports. Feedback will be collected to continuously improve sustainability efforts.

## Conclusion

Altoosi University College is taking meaningful steps to promote a culture of sustainability. From waste management to energy efficiency, the institution is committed to making its operations more eco-friendly. Through education, innovation, and community involvement, the university aims to build a resilient and sustainable campus.