

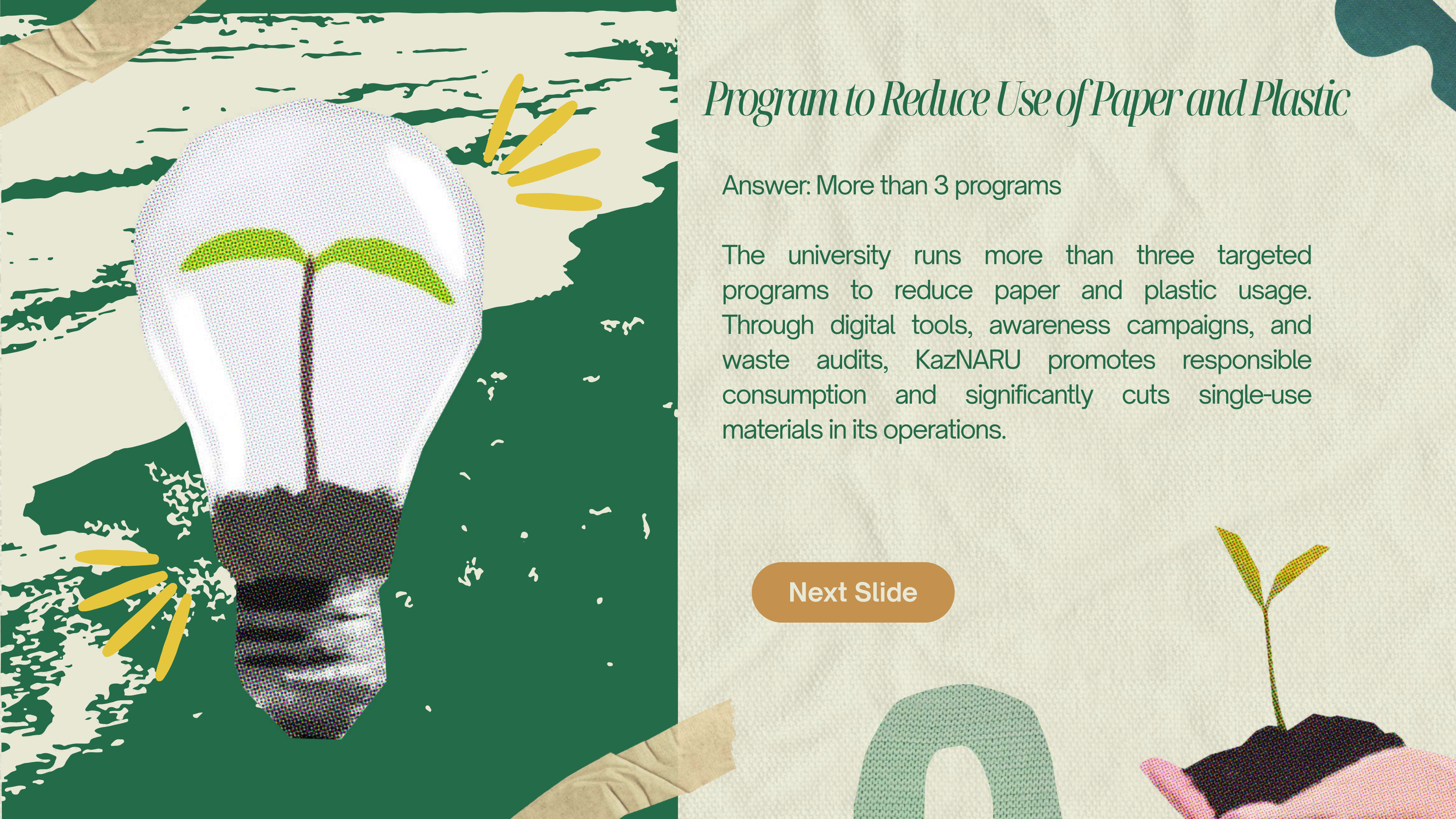
KazNARU university



Program to Reduce Use of Paper and Plastic



Almaty, Kazakhstan
2025.



Program to Reduce Use of Paper and Plastic

Answer: More than 3 programs

The university runs more than three targeted programs to reduce paper and plastic usage. Through digital tools, awareness campaigns, and waste audits, KazNARU promotes responsible consumption and significantly cuts single-use materials in its operations.

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Total Volume of Organic Waste Produced

Answer: 492 tons

KazNARU produces 492 tons of organic waste each year, primarily from canteens, landscaping, and laboratories. The university collects this waste separately, ensuring proper management and reuse through composting and green campus initiatives.

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Total Volume of Organic Waste Treated

Answer: Partial (>50%)

KazNARU treats more than half of its organic waste, converting it into compost and eco-friendly products. This system enhances waste management efficiency and serves as a living example of circular economy practices for students.

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Total Volume of Inorganic Waste Produced

The university generates about 227 tons of inorganic waste annually, including plastics, paper, and non-biodegradable materials. These are collected through designated bins and processed via recycling partnerships to reduce landfill disposal.

Answer: 227 tons

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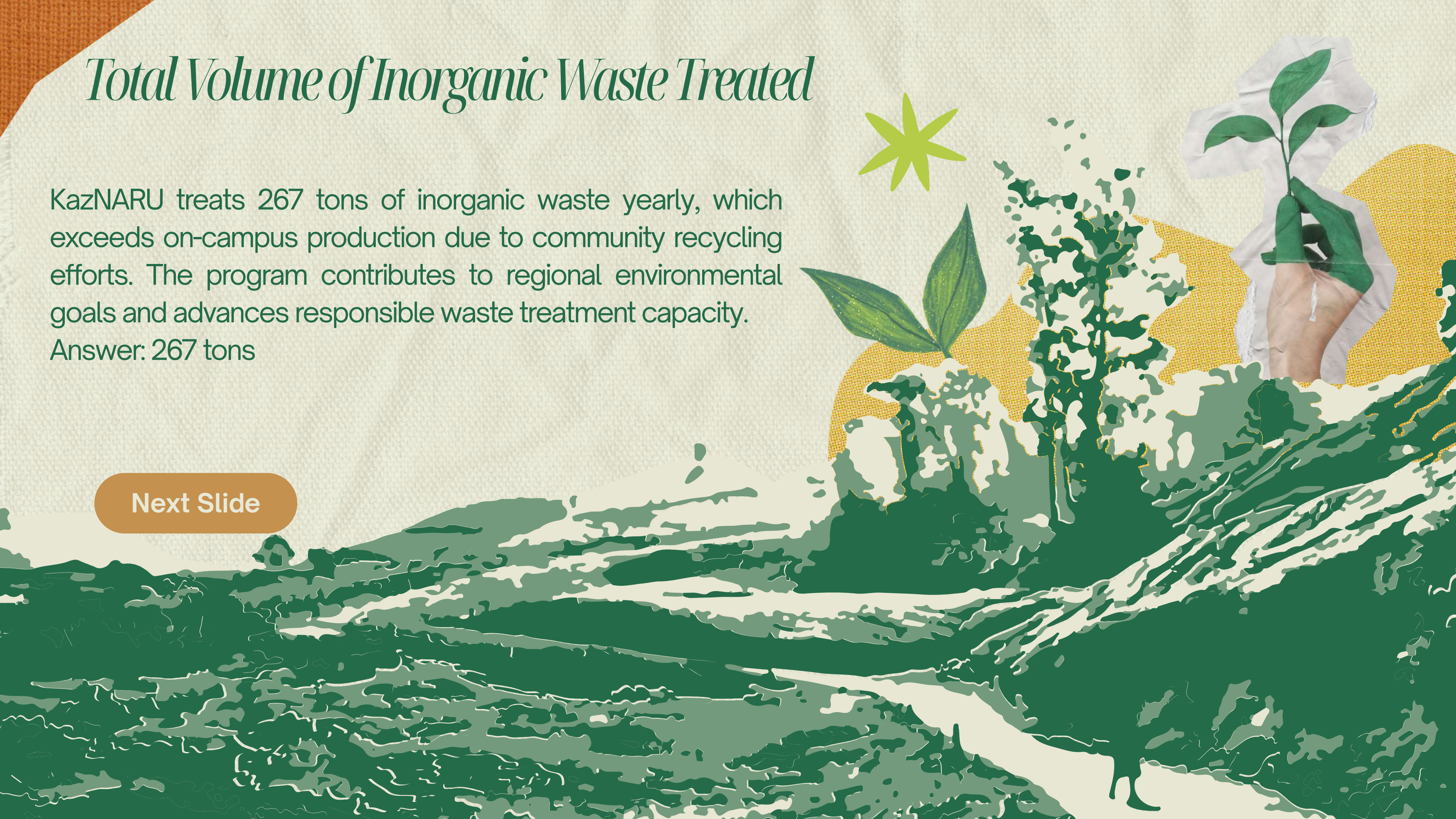


Total Volume of Inorganic Waste Treated

KazNARU treats 267 tons of inorganic waste yearly, which exceeds on-campus production due to community recycling efforts. The program contributes to regional environmental goals and advances responsible waste treatment capacity.

Answer: 267 tons

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Inorganic Waste Treatment

More than 50% of inorganic waste is properly treated using recycling facilities and reuse initiatives. This approach reduces environmental pollution and supports the university's commitment to the GreenMetric sustainable campus ranking system.

Answer: Partial (>50%)

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Total Volume of Toxic Waste Produced

Approximately 3.5 tons of hazardous and toxic waste are produced annually from laboratories and workshops. Strict safety and environmental regulations are followed to minimize risks to health and the environment.

Answer: 3.5 tons

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Total Volume of Toxic Waste Treated

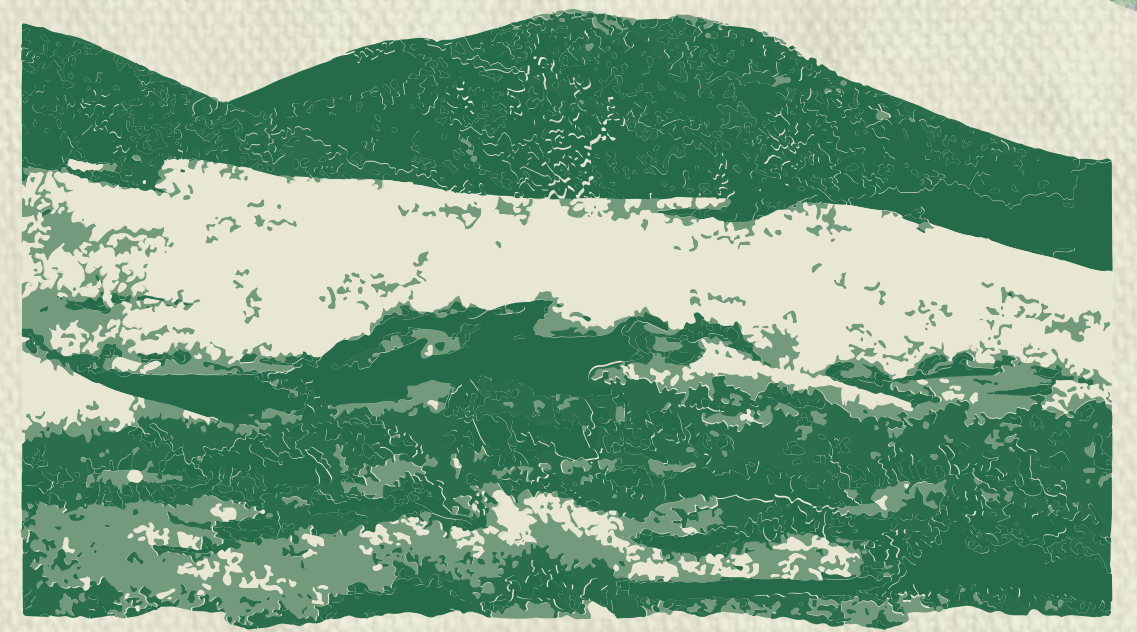
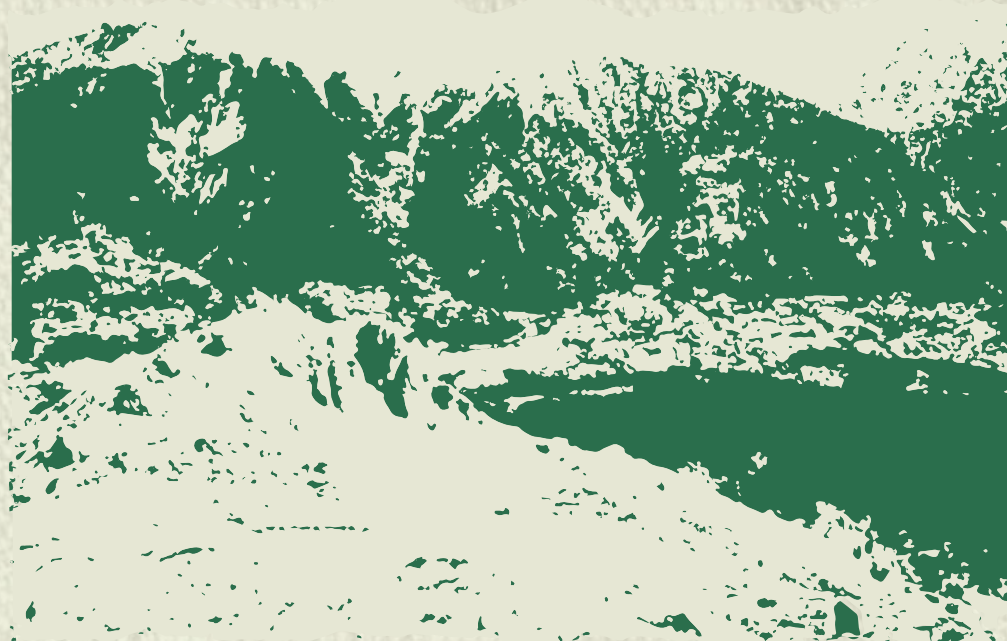
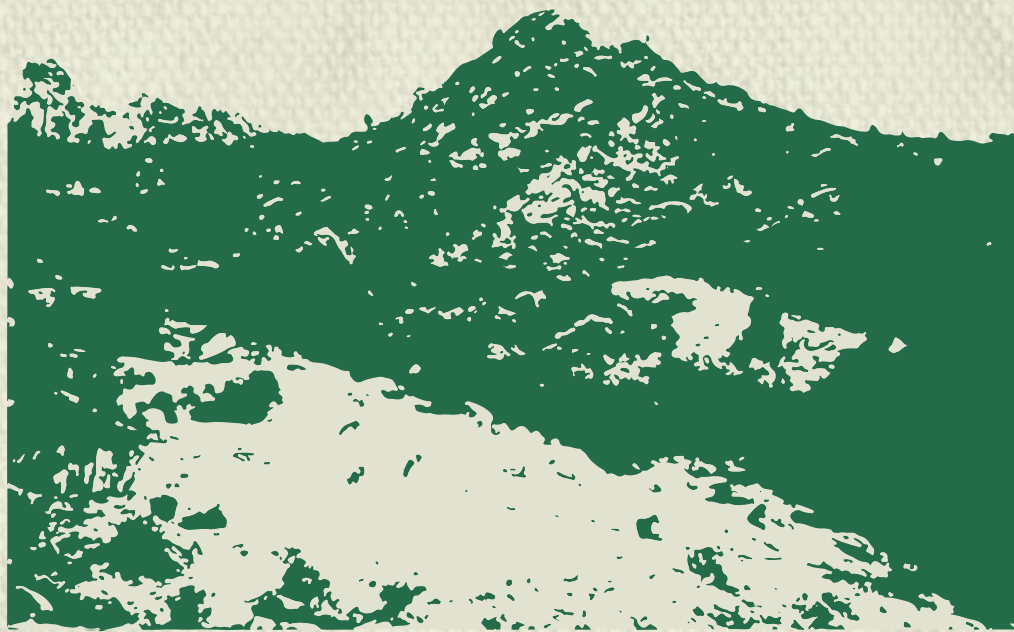


KazNARU successfully treats 5 tons of toxic waste annually, ensuring safe disposal and preventing environmental contamination. This includes chemical neutralization, secure storage, and disposal through certified contractors.

Answer: 5 tons

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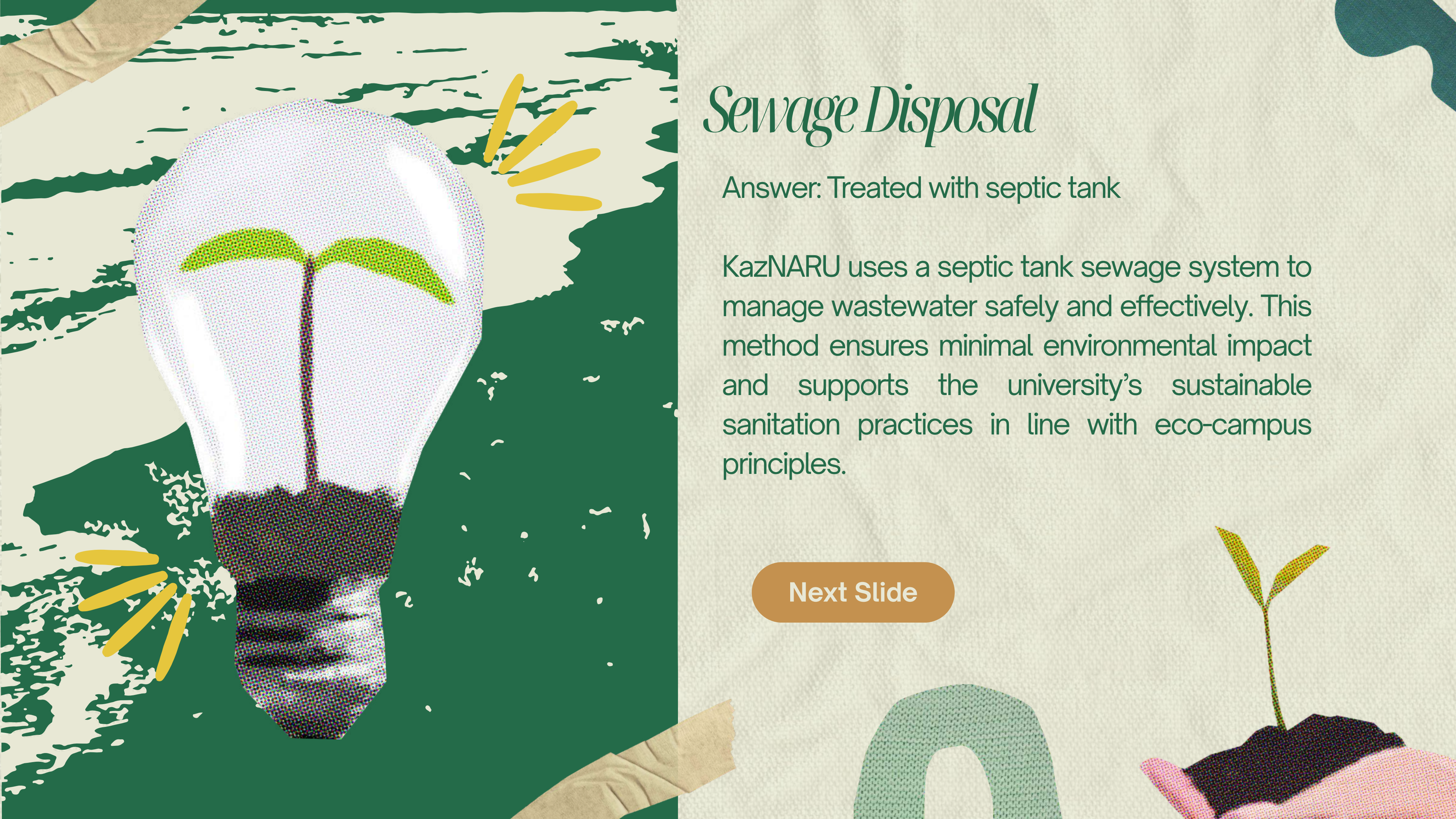


Toxic Waste Treatment

Over half of the university's hazardous waste is treated in accordance with environmental standards. The initiative ensures compliance with national regulations and demonstrates leadership in sustainable laboratory management.

Answer: Partial (>50%)

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Sewage Disposal

Answer: Treated with septic tank

KazNARU uses a septic tank sewage system to manage wastewater safely and effectively. This method ensures minimal environmental impact and supports the university's sustainable sanitation practices in line with eco-campus principles.

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Towards a Waste-Free Future

Thank You

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