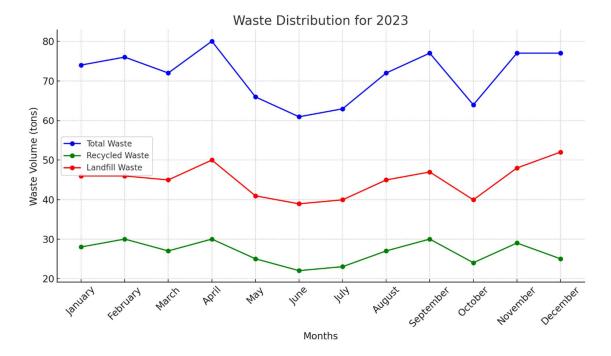
People's Democratic Republic of Algeria

Ministry of Higher Education and Scientific Research

University of Larbi Ben M'hidi – Oum El Bouaghi

Report on the university's total waste volume in 2023

Waste Sent to Landfill	Recycled Waste Volume	Total Waste Volume	Total Waste Volume
46	28	74	Jan-23
46	30	76	Feb-23
45	27	72	Mar-23
50	30	80	Apr-23
41	25	66	May-23
39	22	61	Jun-23
40	23	63	Jul-23
45	27	72	Aug-23
47	30	77	Sep-23
40	24	64	Oct-23
48	29	77	Nov-23
52	25	77	Dec-23
539	320	859	Total



The waste management data for the year 2023 at Oum El Bouaghi University provides insights into how waste was handled, including recycling efforts and waste sent to landfills. Here's a detailed analysis based on the figures provided:

Total Waste Volume:

- The university generated a total of **859 tons** of waste throughout the year.
- The peak month for waste generation was April, with 80 tons, likely due to increased university activities
 or seasonal factors.
- The lowest waste generation was in June, with only 61 tons, potentially due to fewer on-campus activities
 during the summer break.
- Waste production appears relatively stable throughout the year, fluctuating between 61 and 80 tons, with slightly higher values in the spring and early fall.

Recycled Waste Volume:

- The total recycled waste volume for the year was 320 tons, representing 37.2% of the total waste.
- The highest recycling effort occurred in September and April, where 30 tons of waste were recycled in
 each month. This suggests that these months had successful recycling campaigns or higher awareness
 among the university community.

- The lowest amount of recycling was in June, with only 22 tons of waste recycled. This could be linked to
 reduced student and staff presence on campus during that period.
- Despite the fluctuations, the university consistently recycled between 22 and 30 tons of waste per month, indicating a solid recycling infrastructure.

Waste Sent to Landfill:

- The university sent a total of 539 tons of waste to the landfill, which accounts for 62.8% of the total waste.
- The month with the highest amount of waste sent to the landfill was December, with 52 tons, likely due
 to end-of-year activities or reduced recycling efforts.
- June saw the lowest landfill waste, with only 39 tons sent to the landfill, aligning with the lower overall
 waste generation during that month.
- Waste sent to the landfill generally remained higher than recycled waste each month, showing that the
 university still relies heavily on landfilling.

Key Observations:

- Recycling rates: While the university has made strides in recycling, with more than a third of waste being
 recycled, there is still room for improvement to reduce landfill reliance.
- Fluctuating patterns: The peaks in waste generation and recycling may correspond to academic activities, exams, or events held on campus.
- Future goals: To enhance its sustainability profile, Oum El Bouaghi University could target increasing
 recycling rates to reach at least 50% of the total waste volume by investing in better recycling campaigns,
 awareness programs, and infrastructure improvements.

Recommendations:

- Increase Recycling Awareness: Boost recycling awareness programs during high-waste months such as April, September, and December.
- Optimize Waste Sorting: Introduce more efficient waste sorting systems on campus to capture a higher percentage of recyclable materials.
- Reduce Landfill Dependency: Encourage more sustainable practices to decrease waste sent to landfills by
 promoting waste minimization strategies, like reducing single-use items and composting organic waste.

By continuing to focus on sustainability, the university can set an example for its students and staff while also contributing positively to the environment.