Waste Management Targets (2023-2026)

Objective:
To set measurable goals for the reduction, reuse, and recycling of organic, inorganic, and toxic waste, aligning with Iqra University's sustainability strategy over three years. These targets aim to minimize environmental impact and ensure responsible waste management.

Waste Management Targets

1. Organic Waste Management Targets

- **2023-24**:
  - Implement composting stations on 25% of campus grounds for garden and food waste.
  - Reduce food waste by 10% through awareness campaigns and partnerships with campus dining services.
  - Begin using 25% of composted organic waste in campus landscaping projects.
- **2024-25**:
  - Expand composting facilities to cover 40% of campus grounds.
  - Achieve a 20% reduction in food waste by improving food portion control and waste tracking systems.
  - Use 50% of composted organic waste for campus gardens and green spaces.
- **2025-26**:
  - Reach 60% campus-wide composting coverage for all organic waste.
  - Reduce food waste by 30% through comprehensive campus engagement programs and enhanced composting practices.
  - Fully integrate composted organic material into landscaping and campus-based agricultural projects.

2. Inorganic Waste Management Targets

- **2023-24**:
  - Reduce plastic usage by 15% by eliminating single-use plastic items in cafeterias and campus stores.
  - Install recycling bins for paper, metal, and plastic in 60% of campus locations.
  - Increase the usage of digital tools to reduce paper consumption by 10%.
- **2024-25**:
  - Reduce plastic usage by 30%, implementing reusable alternatives and banning single-use plastic bottles campus-wide.
  - Install recycling bins in 90% of campus buildings and workspaces.
  - Reduce paper usage by 20% by digitizing administrative and academic processes.

- **2025-26**:
    - Achieve a 50% reduction in plastic consumption, completely phasing out single-use plastics on all campuses.
    - Ensure 100% campus-wide recycling coverage for all inorganic waste streams.
    - Reduce paper consumption by 40%, transitioning to fully digital workflows across departments.

3. Toxic Waste Management Targets

- **2023-24**:
    - Introduce safe disposal points for toxic and hazardous materials in laboratories and workshops, ensuring 100% compliance with disposal protocols.
    - Begin an e-waste recycling program, collecting 30% of outdated electronics for recycling.
    - Educate staff and students about toxic waste handling and reduction.
- **2024-25**:
    - Achieve 50% participation in the e-waste recycling program, ensuring proper disposal of outdated electronic devices.
    - Reduce the use of toxic chemicals in university labs by 15% through the introduction of safer alternatives.
    - Implement regular toxic waste audits to ensure proper handling and compliance with environmental standards.
- **2025-26**:
    - Achieve 100% compliance for toxic waste disposal, ensuring all hazardous materials are managed sustainably.
    - Increase e-waste recycling to 75%, partnering with certified recycling facilities for proper disposal.
    - Implement chemical recycling or safe reuse programs in all laboratory and research facilities.

Conclusion

These waste management targets aim to reduce the environmental impact of organic, inorganic, and toxic waste at Iqra University over the next three years. The phased approach ensures the university will progressively minimize waste, promote reuse, and enhance recycling efforts, fostering a sustainable campus ecosystem.