

## **Problem Statement**

### **Hackathon Challenge: Innovate for Efficient Waste Management in Rajasthan**

Rajasthan faces significant challenges in waste management due to rapid urbanization and inadequate disposal infrastructure, leading to environmental pollution and health hazards. More focus is on ensuring circular economy in the State. We invite you to develop innovative solutions to enhance waste collection, segregation, recycling, and disposal processes. Leverage IoT, AI, and data analytics for real-time waste monitoring, smart bins, and automated sorting. Ideas could include mobile apps for waste reporting, advanced recycling techniques, waste-to-energy solutions, and creating new products from recycled materials. Explore decentralized waste treatment, biodegradable packaging, and community engagement initiatives. Together, let's create a cleaner, healthier, and more sustainable Rajasthan.