**English**

The "Planet Savers" project introduces innovative solutions in waste management through smart bins, advanced recycling techniques, and community involvement. By leveraging technology such as sensor technology, mobile apps, and block chain, the project aims to reduce waste generation, improve recycling rates, and minimize environmental impact. The pilot project in Thika demonstrates the feasibility and potential benefits, including economic advantages and positive environmental outcomes. The project's long-term sustainability plan ensures continuous improvement and scalability to other regions.