



#UB4HACKATHON

SOLID WASTE MANAGEMENT WEB APP

BY VAN, JANR & ARNOLD

IDENTIFIED AS ONE OF THE MOST
SERIOUS URBAN ENVIRONMENTAL ISSUE
TODAY

**AVERAGE DAILY WASTE GENERATED BY A FILIPINO
IS 0.3 TO 0.7 KILOS**

WASTE GENERATED

BY THE END OF YEAR 2000, THE ANNUAL WASTE
GENERATED IN THE PHILIPPINES IS **10 MILLION TONS**
AND IS EXPECTED TO RISE AT 30% EVERY YEAR

LET'S BREAK IT DOWN

73% COMES FROM HOUSEHOLD WASTE

26% COMMERCIAL/INDUSTRIAL WASTE

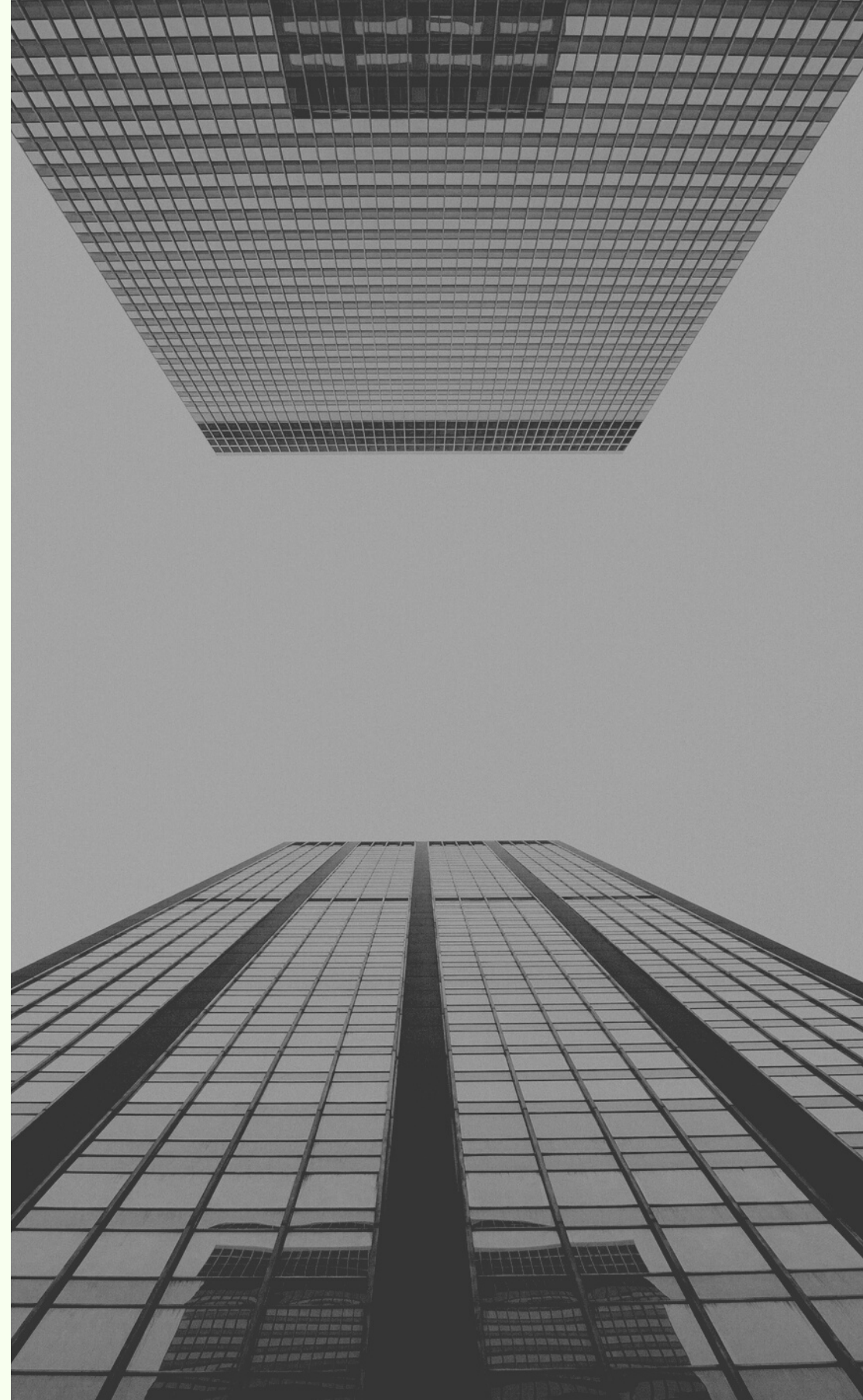
1% OTHERS

SOLID WASTE MANAGEMENT

RA 9003: ECOLOGICAL SOLID WASTE MANAGEMENT ACT OF 2000

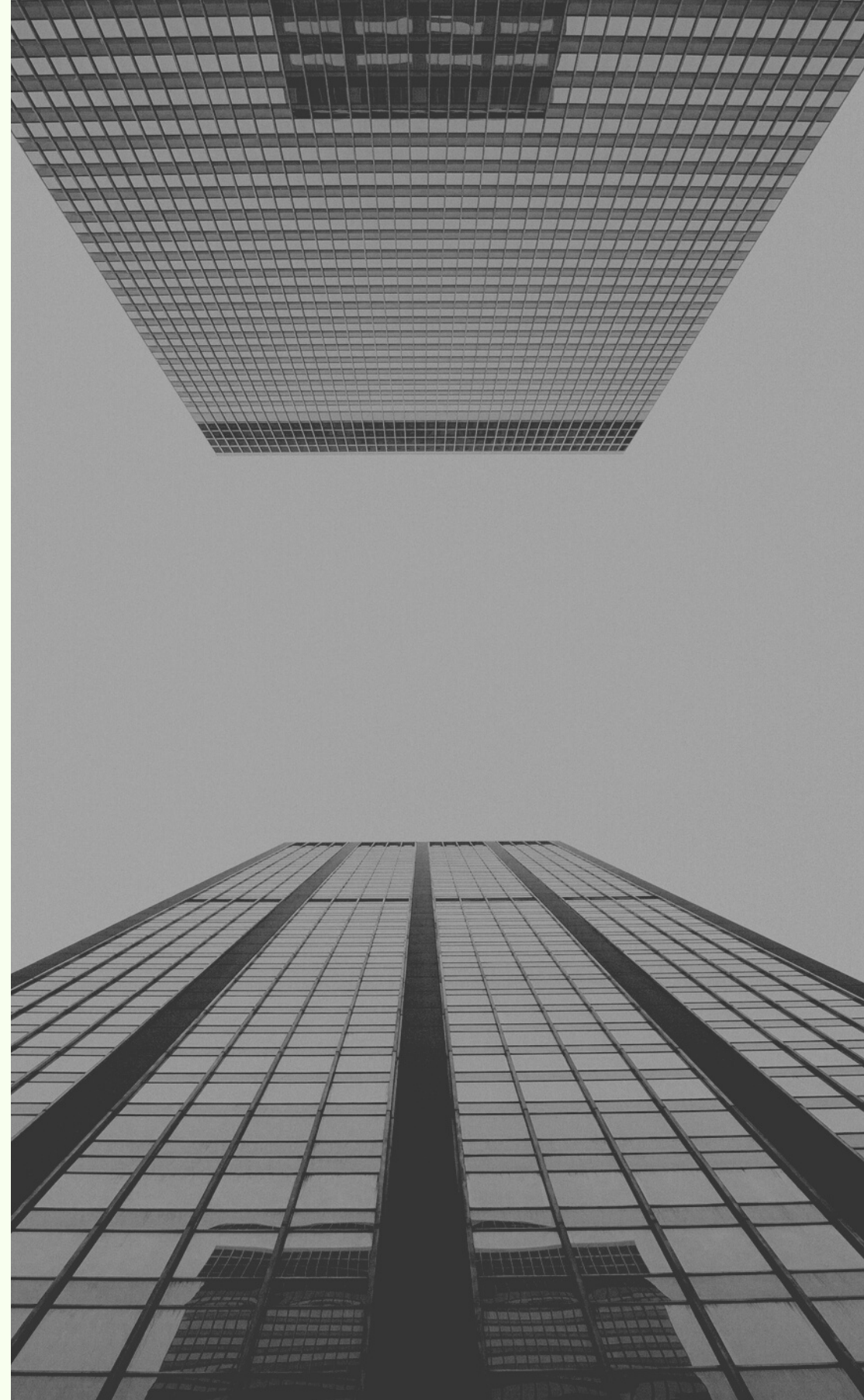
Declares the adaptation of a systematic, comprehensive, and ecological SWM program as a policy of the country and recognizes the local government units (LGUs) as the lead implementors

The Act mandates the creation of SWM Boards from the national, provincial, city/municipal, down to barangay, a lowest-level political and administrative body in the Philippines.



RA 9003: ECOLOGICAL SOLID WASTE MANAGEMENT ACT OF 2000

The Act also mandates to achieve **25% waste reduction target** by 2010 through establishment of material recovery facilities (MRFs) in all barangays as a support system for establishing an integrated SWM system based on 3Rs (reduce, reuse and recycle). Further, the Act prohibited the use of open dumping and advised LGUs to improve them into sanitary landfills
(Antonio, 2008).





SWM WEB APP

OUR WASTE, OUR RESPONSIBILITY

Effective waste management starts with each one of us.

WASTE DISPOSER

This can be YOU! Let us share the responsibility of waste management

Waste Disposer can **post an event** where they need a recycler to collect recyclable waste materials

RECYCLER (MRF FACILITIES, COMPOSTING SITES, FARMS)

Recycling organizations can **claim to collect** the waste posted by disposers