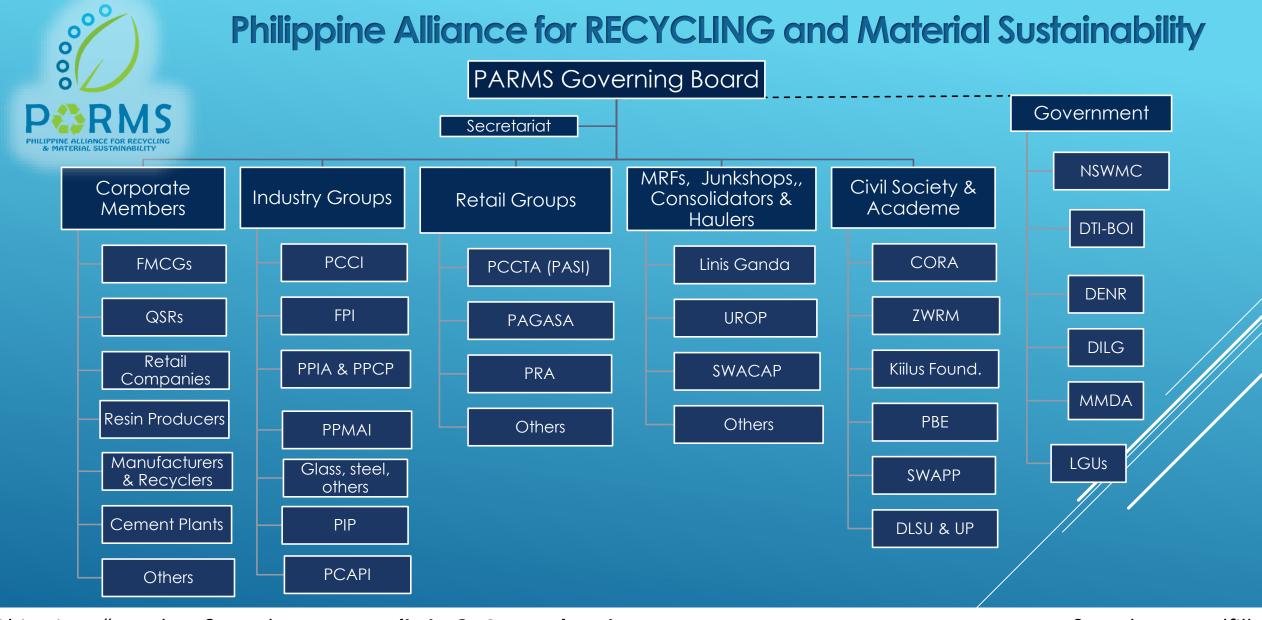




Aiming to Develop and Implement a Holistic & Comprehensive

Program to Increase Resource Recovery and Reduce Landfill Dependence
towards Zero Waste



Objective: "Develop & Implement a Holistic & Comprehensive Program to Increase Resource Recovery & Reduce Landfill Dependence towards Zero Waste"

Concept Adopted: Full Waste Recovery and Recycling program







A collaborative PARTNERSHIP to set up a PLASTICS RECYCLING FACILITY for low to no value flexible plastics packaging waste. Developing a R&D facility that aims to set up a business model that can be replicated in other cities.

Investing Partners



























Supporting Partners

























FULL WASTE RECOVERY & RECYCLING PROGRAM PLAN

- Component 1: IEC Campaign. Developed and geared towards proper disposal, recovery, and treatment, (using marine litter, health, etc.)
- Component 2: Recovery System. Working with Existing Programs (e.g. Waste Markets, DENR-DepEd's "Eco Savers", Unilever's "Misis Walastik Redemption ng Plastik" and Nestle's "Laki sa Tibay") to collect residual plastic for conversion to a marketable product, Enhancing local RECYCLING PROGRAMS.
- Component 3: Collection from Recovery Points. LGU through Barangays or LGU ENROS to bring it to a common storage area or treatment facility in line with waste diversion targets.
- Component 4: Technical Assessment. Work with DOST, Academe and other Industry "experts" to assess existing technologies (from hollow blocks, bricks, school chairs) including the proper BAT (Best Available Technologies) BEP (Best Environmental Practice and keep an eye on emerging and even developing new technologies
- Component 5: Treatment Facility. Following the model of GREEN ANTZ or Villar SIPAG's plastic factory. Managed by the community or cooperatives (supported by the LGU) under the supervision of PARMS to control the operations, monitor the data and will have the right to retrieve (confiscate) the equipment if it is not running. With a business model that runs itself without need of external funding support. LGU provides the land and structure, Industry provides the Equipment with no cost recovery or develop a revolving fund (If financial feasibility allows)
- Component 6: Market Development. Enhance market, ensures project viability and sustainability





A COMMITTED PARTNERSHIP FOR A ZERO-WASTE FUTURE: DESIGN TURNOVER FOR THE PARMS - PARANAQUE RECYCLING PLANT











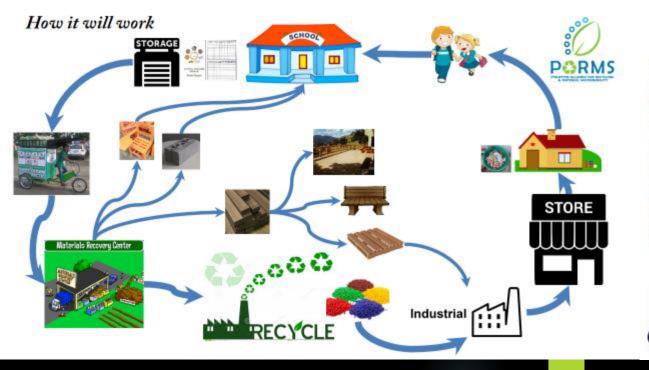










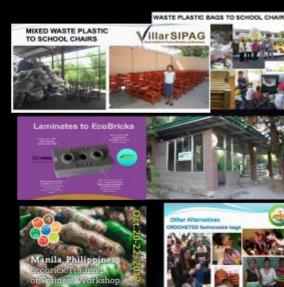


Mechanical Recycling for PLASTICS



Residuals (Alternative Technologies)

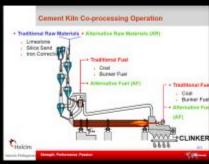




Residuals (Energy Recovery)







UPCOMING PROJECTS:

QC Project Consortium: MPIC - COVANTA - MACQUAIRE JV with QC Gov PhP 158 Investment.

MBT (Mech. Bio. Treatment) + Stoker

35 yr concession agreement + 15 yrs; 2200 TPD,

MOEJ (Envi. Ministry Japan)

Davao

Waste to Worth Project

Pampanga, Laguna & Dagupan Projects coming soon