ecological solid waste management through community social enterprises

Urban October 2019
Kapihan at Usapang Urban: Frontier Technologies and Innovative Approaches to Transform Waste to Wealth
7 October 2019, Caferista
Common situation --

- Households lack access to materials recovery facilities (MRF)
- Non-operational MRFs (“nabubulok, di nabubulok, bulok na”)
- Open burning, dumping, throwing into rivers
- No sanitary landfills
- Increasing volume of solid wastes
Some good practices --

• Operational sanitary landfills
• Local ESWM ordinances (city, municipal, barangay)
• ESWM programs (no plastic, composting, coastal cleanup, linis ilog)
• ESWM plan
• Informal waste pickers
PROJECT PARTNERSHIP

PRRM
Philippine Rural Reconstruction Movement
building sustainable communities

THE Coca-Cola FOUNDATION

COLLECTION AND RECYCLING PROGRAMS IN 12 PROVINCES

BATAAN
ALBAY
CAVITE

LA UNION
BALER
SIARGAO

METRO MANILA
MARINDUQUE
DAVAO

NEGROS OCCIDENTAL
SARANGGANI
BORACAY

AIDFI
Onufi
PRRM
IV

AIDFI
Onufi
PRRM
IV

AIDFI
Onufi
PRRM
IV
Objectives

▪ community social enterprises
▪ partnership with local organizations, LGUs, local junk shops
▪ coastal clean-up events/activities
▪ complementing other collection efforts
households and/or associations in rural and urban communities
women’s groups * youth groups * waste pickers / eco-aides
junkshops * related small businesses
city/town and barangay local government units
Collection and measurement of recyclables

- Materials Recovery Facilities (MRF) and waste collection schemes of LGUs
- Collection methods of local citizens’ organizations – “palit basura” schemes, trash bins in strategic points, door-to-door, trucks, kolong-kolong
- Organizing and training informal waste pickers and local junk shops
- School/institution-based collection
- Coastal cleanup
Community social enterprises

- Driven by social mission, with poverty reduction as primary objective
- With multiple bottom line – social, financial, environmental, cultural
- Redistributive, with social and economic value accruing to the poor

WASTE → WAYS → WEALTH

Prosperity

People
Social Performance

Planet
Environmental Performance

Peace
Urban gardening

- Food for the home or neighborhood: herbs and spices, leafy vegetables (pechay, lettuce, spinach, malunggay)
- Seedlings for sale
- Compost soil, vermi-compost
Upcycling

• Handcrafted fashion accessories
• Bags, purses
• ID holders / lanyards
Community MRF operations

- Buy and sell of recyclable wastes (paper, scrap metal, glass bottles, aluminum cans, PET bottles)
Eco-aide livelihood

- Buy and sell of recyclables with kolong-kolong and gear
- Frontloading of dishwashing liquid & fabric conditioner with reused plastic bottles; compost soil; or other merchandise
In partnership with city/municipal and barangay governments
Other stories of reuse, recycle, upcycle
Opportunities

• Organized communities, citizens
• LGUs that are responsible, innovative
• Emerging technologies, locally conceptualized and fabricated
• Increasing number of social entrepreneurs
• Women’s leadership and entrepreneurial roles
• Entrepreneurship training and practice
Challenges, questions

• More recycling, more plastics required?
• More “Wala Usik” stores, canteens, cafés?
Challenges, questions

• The other Rs? Refuse, Reduce, Repurpose, Replace, Rot, Repair, Return, Refill

• Enterprise out of biodegradable, natural packaging?
maraming salamat