



**PLASTICOLOGY & RADICAL COLLABORATIONS  
FOR PLANETARY HEALTH**

# COASTAL ,REMOTE & REGIONAL COMMUNITIES PROBLEM: PLASTIC POLLUTION ENDEMIC

LITTER - DUMPING - BURNING - BURYING - LANDFILLS OVERFLOWING - MARINE DEBRIS - GHOST NETS & DISCARDED MATERIALS

CIRCULAR ECONOMY PRINCIPLES

CREATE VALUE, ELIMINATE WASTE & RECIRCULATE MATERIALS



MATERIALS ARE NOT WASTE, THEY ARE NUTRIENTS FOR SOMETHING ELSE - BIOLOGICAL OR TECHNICAL.

PC GOAL: EMPOWER - INNOVATE - CREATE

# PROVIDE SOLUTIONS FOR DISADVANTAGED COMMUNITIES TO ELIMINATE WASTE AND PLASTIC POLLUTION



# PROJECT LOCATIONS

## REMOTE, REGIONAL OR ISLANDS COMMUNITIES

Indonesia: Bali



Qld: Whitsunday Is.



Burketown/ Normanton (Gulf)



Malaysia: Borneo (Mantanani Is.)



NSW: Bowraville



# ALL SITE HAVE SERIOUS PLASTIC POLLUTION ISSUES





# ENGAGE WITH ORGANISATIONS WHO ARE CARING FOR LAND & SEA

Bali - Sea Communities



Whitsundays - Ecobarge Cleanseas



Burketown - CLCAC



Borneo - Reef Check Malaysia



Bowraville - Miimi Aboriginal Corporation



Normanton - CLCAC



# EMPOWER THROUGH PLASTICOLOGY EDUCATION & TRAINING





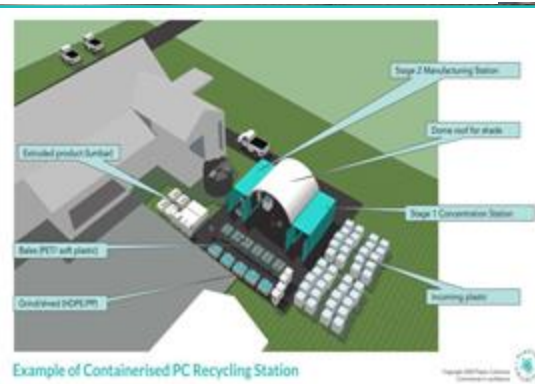


# DESIGN & INSTALL SUITABLE INFRASTRUCTURE: RECYCLING STATIONS

Bali



Borneo



Normanton (Gulf)



Bowraville



Burketown (Gulf)



# RECOVER PLASTIC MATERIALS

## FUGITIVE & KERBSIDE



# MATERIALS TRAINING

## SORT, PREP & PROCESS

**OCEAN MATERIAL RECYCLING SUMMARY**  
 Ocean gear includes a wide array of items, ranging in size, amount and type. They can be made from different plastic materials, below are the 5 most common types. Please read, understand the various necessary processes and the level of recyclability. The value listed at the bottom of each estimate quantities available from PC current select gear bins. However more sources could also be identified.



Whitsundays

Burketown (Gulf)

Bowraville

Normanton (Gulf)

# CONCENTRATE MATERIALS AS GRANULATE, SHRED OR BALE



# REMANUFACTURE/ REMOULD INTO PRODUCTS OR SELL CONCENTRATE

12 RESPONSIBLE  
CONSUMPTION  
AND PRODUCTION



# DEVELOPING PARTNERSHIPS RADICAL COLLABORATION



# 2023\_REGENERATING GHOST NETS & MARINE DEBRIS FOR PROFIT AN INDIGENOUS WOMEN GHOST NET MARKETPLACE



Australian Government  
Parks Australia



**WAW**  
Handplanes

 Charles Sturt  
University



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