The 2\textsuperscript{nd} M of M \textsuperscript{2} also stands for 2. \textbf{MAXIMUM UPCYCLE \newline THE WORLD of UPCYCLING}
M of M2 MAXIMUM REUSE

PLASTIC GOODS UPCYCLING

PLASTIC GOODS as NEW GOODS serving a NEW PURPOSE
Up-Cycle the plastic waste & make it even better

M2 Maximum Reuse of PLASTIC WASTE
Up-Cycle the plastic waste & make it even better

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**M2 Maximum**

Reuse of PLASTIC WASTE
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M2 Maximum
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Reuse of
PLASTIC WASTE
Up-Cycle the plastic waste & make it even better
What is Upcycling, Anyway?
What Is Upcycling?

Upcycling is the process of converting old or discarded materials into something useful and often beautiful. For example:

--Unraveling a wire clothes hanger to break into your car to rescue your keys = *not upcycling*

--Stretching out a wire clothes hanger then tying strips of a plastic bag around it to make a wreath = *upcycling!*

Upcycling gives an item a better purpose. And while jimmying the lock on your car to *is* giving that hanger a new purpose, it’s not necessarily better or more beautiful. And the mangled hanger is likely destined for the trash, which is the opposite intent of upcycling.
Recycling vs. Upcycling

Recycling takes consumer materials — mostly plastic, paper, metal and glass — and breaks them down so their base materials can be remade into a new consumer product, often of lesser quality.

When you upcycle an item, you aren’t breaking down the materials. You may be refashioning it — like cutting a t-shirt into strips of yarn — but it’s still made of the same materials as when you started. Also, the upcycled item is typically better or the same quality as the original.

We made a few handy dandy infographics to visually explain recycling vs. upcycling.
How Recycling Works

- Consumer Products
  - e.g. Plastic Bottles
- Break-down
- Raw Materials
- Downcycling
- Consumer Products
  - e.g. Plastic Containers

How Upcycling Works

- Consumer Products
  - e.g. Vinyl Banners
- Upcycling
- Consumer Products
  - e.g. Vinyl Tote Bags
Recycle vs. Upcycle

TREAT and PROCESS waste materials

- sorted
- crushed
- melted

made suitable to reuse in new products with similar quality

CONVERT old or discarded materials

- cut
- weave
- refashion

something useful and beautiful with higher quality

MORROCCOMETHOD.COM
Grandma Was an Upcycler

Upcycling is not a new concept. Some of the best examples of modern-day upcycling come from the 1930s-40s when families had very little economic or material resources. In this age of thrift, they reused almost everything, repurposing items over and over until they were no longer useful: Feed sacks became dresses or old doors became the new dining room table.

What’s old is new again, but with a twist.

Thrift is still a trend today and a big reason some people upcycle. Others enjoy the artistic aesthetic, with lots of upcycled items rivaling those found in high-end department stores. But one of the biggest reasons for the rebirth of upcycling is the positive impact on the environment. Items destined for the dump are rescued and remade into something useful.

Also, upcycling is a way of life for people in developing countries. Raw materials are expensive so people use what they can find to create bowls, baskets, jewelry and other useful and beautiful items.
...buckets made from tires. Genius!
Upcycling Is Green

Plain and simple, upcycling makes a positive impact on the environment. When you upcycle, you remove items from the global garbage stream. Upcycling instead of recycling is good too; recycling requires energy or water to break down materials. Upcycling only requires your own creativity and elbow grease.
What Can I Upcycle?

Just about anything: Wine bottles, cans, newspapers, milk cartons, tires, suitcases, jeans, you name it. If you no longer have a use for it, upcycle it!
Get Started Today

There are two ways to support the upcycling movement. Sort through your closets or recycling bin and create items yourself or purchase ready-made items from upcycled materials. Both make a positive impact on the environment. Both reward you with something beautiful or useful.

Want it put another way? Check out our Pinterest board for some ideas.
Make PLASTIC-CITY

as

PLASTICITY
(the quality of being easily shaped or moulded – i.e. yourself towards non-plastic-bags)
Is there an excellent reuse for Pet Bottles?

Yes Pet Bottles can become PET of the poor.

You can fix water filled pet bottles on the roof of the thatches & sheds. There will be wonder lighting in the daytime better than electric bulbs.
The huts without windows are dark even during the daytime. This problem can be solved easily. Fill pet bottles with water & insert it on the roof with top pointing upwards with $3/4$ inside. The sun light that falls on the top of the bottle will reflect and glow more than a powerful in the day times.
MAXIMUM REUSE of plastic waste is great. Are there any other ways the Plastic Waste can be reused?
Answer: There are 200 ways that the plastic waste can be reused. Here is a representational List

PLASTIC PRACTIC
P3 M3 ExNoRa
M2 MAXIMUM REUSE

3. Up-Cycle plastic Waste

Don’t Recycle but Up-Cycle

Plastic-City > Plasticity
CARE INNOVATIONS: Up-Cycling

Chair has become toilet seat

Chair has become wheel chair

Broken Chair as Toilet Seat

Chairs have become SEE-SAW

Old broken chairs taken a new avatar
M2 MAXIMUM REUSE 3. Up-Cycle plastic Waste
M2 MAXIMUM REUSE 3. Up-Cycle plastic Waste

DRINKING WATER DISPENSER
M2 MAXIMUM REUSE 3. Up-Cycle plastic Waste
Do it YOURSELF  Upcycled Plastic Bottle Drawer Storage System
M2 MAXIMUM REUSE 3. Up-Cycle plastic Waste

Plastic-City Plasticity

Don't Recycle but Up-Cycle
Used WASTE HDPE BIN, one minus & and KITCHEN WASTE, another MINUS can become a MAJOR PLUS of harvesting ORGANIC MANURE
Used WASTE HDPE BIN, one minus & and KITCHEN WASTE, another MINUS can become a MAJOR PLUS of harvesting ORGANIC MANURE
You can compost kitchen waste using waste containers. This is a very good example of CARE INNOVATION.
You can grow vegetables using waste pet bottles. Discarded trays can be kept ZIG ZAG for composting and growing plants. This is a very good example of sky farming using CARE INNOVATION.
Upcycling

Upcycle!
Old Pet Bottle can become an excellent natural AC without electricity. See separate presentation.
UPCYCLING OLD PET BOTTLES taking so many NEW AVTARS

PET BET
WASTE PET BOTTLE USES. See separate presentation
Upcycling for a greener world
It's not just about recycling anymore

OLD PET BOTTLES BAT for GREENERY

Please see separate presentation
PET PAT
OLD PET BOTTLES taking so many
NEW AVTARS