

# M

The 2<sup>nd</sup> M of M 2

also stands for

2. **M**AXIMUM UPCYCLE

## THE WORLD of UPCYCLING

Upcycling

PLASTIC PRACTIC

P3 M3 ExNoRa  ExNoRa

**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



**M2** Maximum Reuse of PLASTIC WASTE



Up-Cycle the plastic waste & make it even better



**M2** Maximum Reuse of PLASTIC WASTE

Up-Cycle the plastic waste & make it even better

**M2 Maximum**  
**Reuse of**  
**PLASTIC WASTE**



Up-Cycle the plastic waste & make it even better

## M2 Maximum Reuse of PLASTIC WASTE



Up-Cycle the plastic waste & make it even better



**M2 Maximum**  
**Reuse of PLASTIC WASTE**





**M2 Maximum**  
**Reuse of**  
**PLASTIC**  
**WASTE**





Up-Cycle the plastic waste & make it even better





mom's  
cell

dad's  
cell

ipod

ipod

camera







# 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

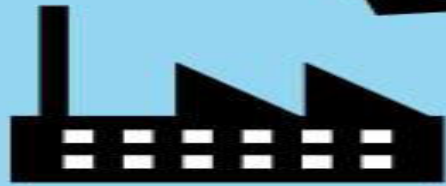


## How Upcycling Works



# Recycle vs. Upcycle

**TREAT and  
PROCESS  
waste  
materials**



**sorted  
crushed  
melted**

**made suitable  
to reuse in new  
products  
with similar  
quality**



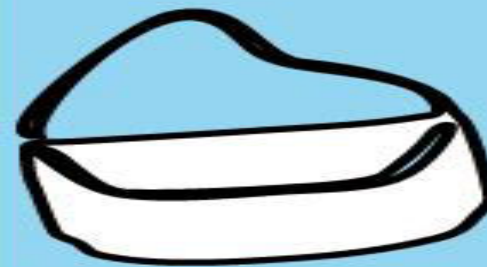
**CONVERT  
old or  
discarded  
materials**



**cut  
weave  
refashion**



**something  
useful and  
beautiful  
with higher  
quality**



**mim**

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)**

# Plastic-City Plasticity



BY

**UP-CYCLING OF PLASTIC  
WASTE**

# M2 MAXIMUM REUSE

## QUESTION

**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**

**PLASTIC PRACTIC**

**P3 M3 ExNoRa**





# PET BOTTLE DAYTIME LIGHTING

→ 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<sup>th</sup> inside. → The sun light that falls on the top of the bottle will reflect and glow more than a powerful in the day times .



# M2 MAXIMUM REUSE

**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**

QUESTION

**PLASTIC PRACTIC**

**P3 M3 ExNoRa** 

# M2 MAXIMUM REUSE

Plastic-City > Plasticity

## 3. Up-Cycle plastic Waste



Don't Recycle but Up-Cycle



Don't Recycle but Up-Cycle





# CARE INNOVATIONS : Up-Cycling 1 Bathroom & Wash



Chair has become toilet seat



Chair has become wheel chair



Broken Chair as Toilet Seat  
Old broken chairs taken



Chairs have become  
**SEE-SAW** `



# M2 MAXIMUM REUSE 3. Up-Cycle plastic Waste



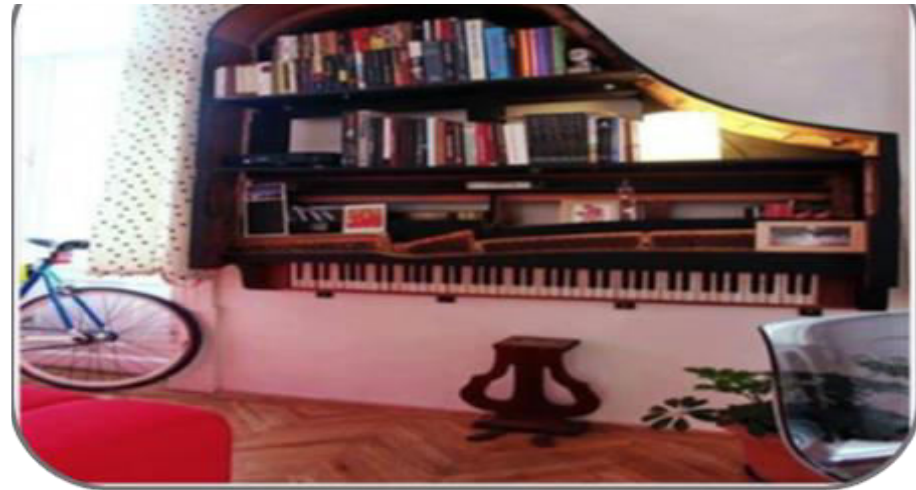
# M2 MAXIMUM REUSE 3. Up-Cycle plastic Waste

DRINKING WATER DISPENSER





# M2 MAXIMUM REUSE 3. Up-Cycle plastic Waste



# Do it YOURSELF Upcycled Plastic Bottle Drawer Storage System



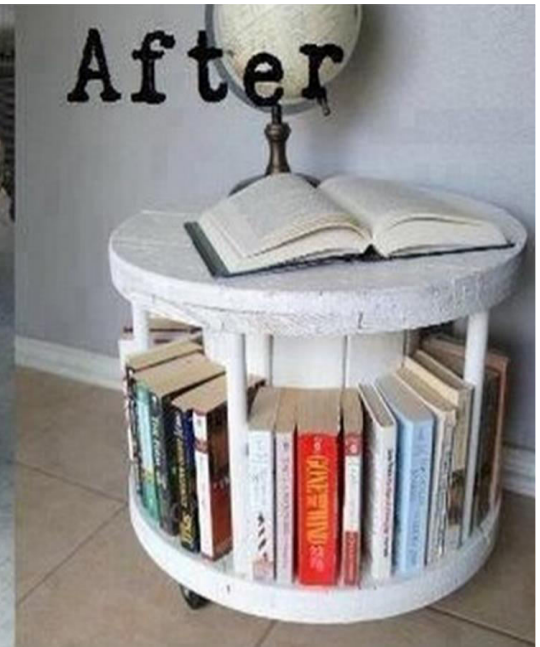
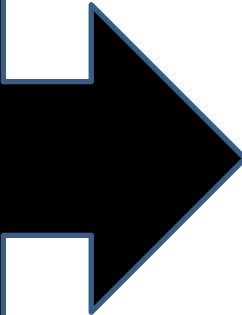


# M2 MAXIMUM REUSE 3. Up-Cycle plastic Waste

Plastic-City Plasticity



**Don't  
Recycle but  
Up-Cycle**



# UPCYCLE





Used **WASTE HDPE BIN**, one minus & and **KITCHEN WASTE**, another MINUS can become a MAJOR PLUS of harvesting **ORGANIC MANURE**

**CARE**  
PRACTICES &  
INNOVATIONS





Used **WASTE HDPE BIN**, one minus & and **KITCHEN WASTE**, another MINUS can become a MAJOR PLUS of harvesting **ORGANIC MANURE**



Discarded TV



Thrown out Mixer

**CARE**  
PRACTICES &  
INNOVATIONS



THERMOCOL



PET BOTTLES



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





# Upcycling



Old Pet Bottle can become an excellent natural AC without electricity

PET BOTTLE  
Air-conditioner.  
See separate presentation

# UPCYCLING OLD PET BOTTLES taking so many NEW AVTARS



**PET BET  
WASTE PET  
BOTTLE USES. See  
separate  
presentation**





OLD PET BOTTLES  
BAT for  
GREENERY



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