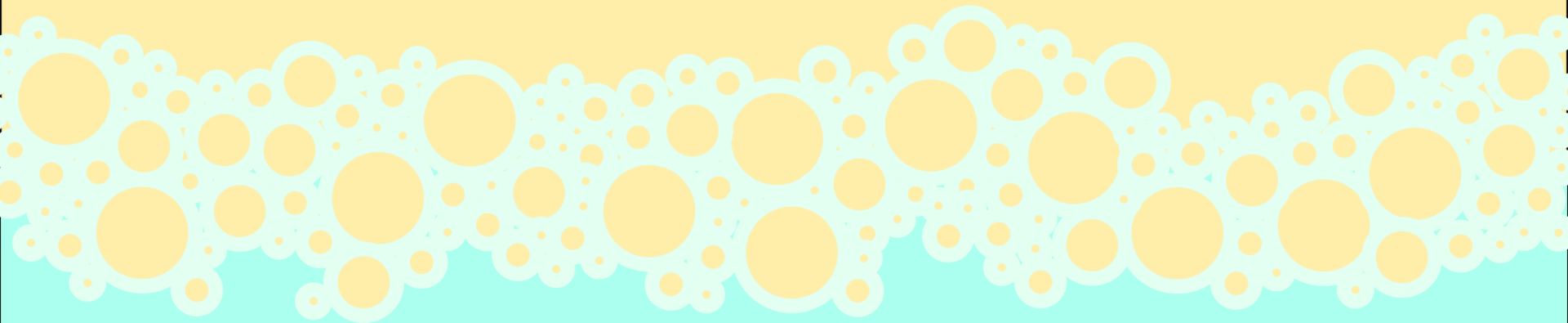


**Summers in Bangladesh get a lot hotter than in many other undeveloped countries for quite a number of reasons, and it sometimes gets so completely sweltering that the whole country seems to go on pause every time a heat wave strikes. Luckily, it seems there might now be a permanent solution.**

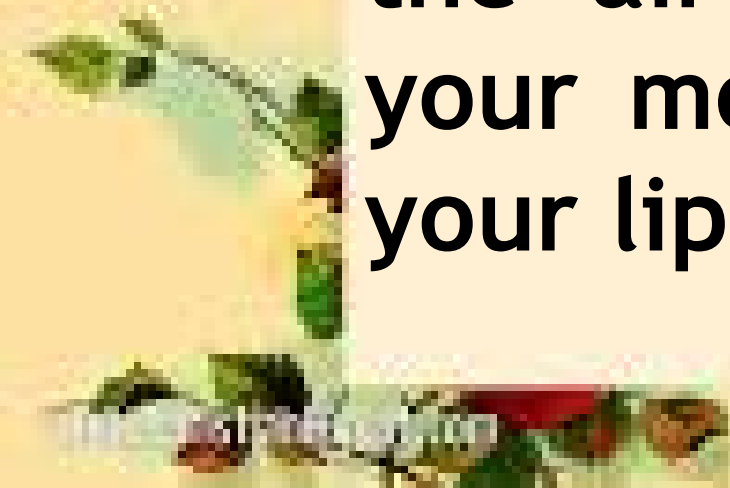


In rural Bangladesh, most homes are constructed out of tin huts, which can lead to temperatures occasionally exceeding 115°F (46°C). That's why this crafty inventor, Grey Dhaka, made it his primary goal to develop an effective solution for dealing with the summer heat.





**By using recycled plastic bottles and a piece of cardboard covered in equidistant holes, Dhaka managed to create an 'Eco-Cooler' which he says can cool down the summer air. This is because the bottles compress the air in a similar way that your mouth does when pursing your lips.**







**Dhaka says that by passing moving air through a bottleneck, you're actually able to reduce a home's temperature by more than 10°F. Despite the fact that the exact scientific explanations have yet to be released, hundreds of eager Bangladeshis are already making use of the Eco-Cooler in their homes.**







So far, the Eco-Cooler has been taken to villages in Daulatdia, Nilphamari, Paturia, Khaleya, and Modonhati. Incredibly, it even works in areas that don't have electrical systems installed. In fact, one of the main reasons for its increasing popularity is because it's created with materials that are usually easily accessible or even readily available.

So, where will the Eco-Cooler end up next? Only time will tell!



# 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 .

