



Banana paper straws can save the environment

The negative effect of plastics on marine lives is getting more attention these days. Major restaurants are switching from plastic to paper straws. However, paper straws have some drawbacks such as deforestation...

Why Philippines?

- World's **6th** largest banana producer (2016: FAO)
- World's **3rd** largest plastic waste polluter (2010: Japan MOE)



← Banana leaf at GK Enchanted Farm in the Philippines

Employ college students

Saving them from dropping out because of shortage of tuition.

Buy banana stems from farmers

Produce banana papers from banana stems and make "uminom"

Our plan in **Philippines**

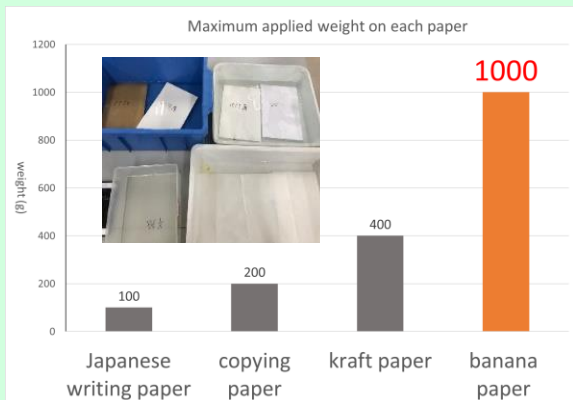
Contract with major chain stores

Contract with managers of a café or small and medium-sized companies

Price of each type of straws

Types	Price (per straw)
Plastic straw	¥0.5
Paper straw	¥3~4
Bamboo straw	¥7
uminom	¥6

Water Resistance Testing



Strengths of "uminom"

- Durable and using waste
- Enough material
Banana plants grow rapidly (in 1 year)
- Can reduce deforestation
- Contribute to **SDGs**



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



10 REDUCED INEQUALITIES



14 LIFE BELOW WATER



15 LIFE ON LAND

