

2019RSGF Toward a Better World-Reducing Problem Related to Plastic Waste: **Disposal**

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According to the report from UN environment programme in 2018, **9 billion tons of plastic** is produced by global society every year. However, only **9%** has been recycled. As for Taiwan, Even though our country is the third place of recycling in the world, yet there are still lots of obstacle not coping with.



Current Policy in Taiwan

Recycling Fund Management



Plastic Announced for Recycling



Result

Recycling rates → **58%**

Plastic Recycling rates → **84%**



Problems

1. There is a variety of plastic, but only a little is profitable in recycle system. The disposal company would rather choose to incinerate and landfill it than spend lots of money to recycle it.
2. In the consideration of the **higher cost** and **lower quality** than the new plastic, the enterprises are not willing to use it for their products.
3. The government seem to reduce the subsidy of disposal of plastic.

Solutions

- Try to reuse the plastic products. e.g. Use one plastic bag as many times as you can.
2. The government should increase the incentive for enterprises to use the recycle plastic.
 3. The plastic which is difficult to recycle could become the energy for industry by pyrolysis technology.

