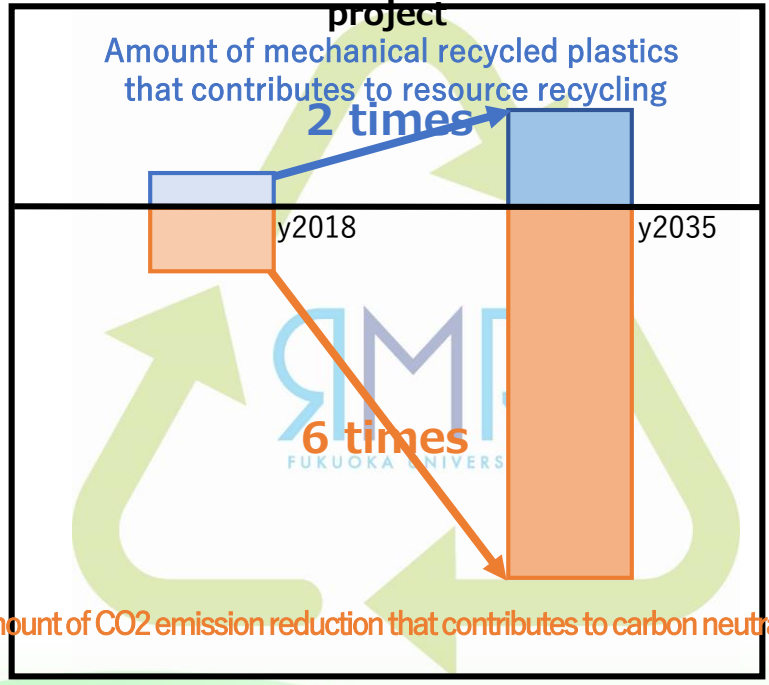


Dramatically improve the physical properties of recycled plastics and promote advanced resource recycling and carbon neutrality.

Professor Yao is the Leader of Mechanical Recycling Theme of NEDO's "Innovative Plastic Resource Recycling Process Technology Development"

https://www.nedo.go.jp/activities/ZZJP_100179.html

Target of increase in mechanical recycling and reduction of CO2 emissions of this project



Amount of CO2 emission reduction that contributes to carbon neutrality

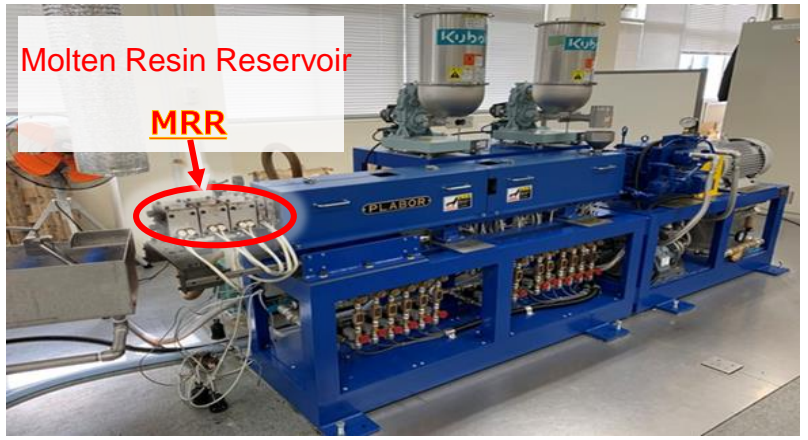
Developing new technologies at 20 industry-academia-government institutions

(Including consignment / sub consignment)

Innovative plastic mechanical recycling technology developed at Fukuoka University



▲ Used the original recycled plastic



▲ The advanced extruder with MRR designed by Fukuoka University



▲ Used recycled plastic reprocessed at Fukuoka University

Other mechanical recycling projects undertaken at Fukuoka University

- Model and scenario formation of plastic recycling system based on regional characteristics
- The study group on the market and availability of recycled plastic materials
- Research on application of adding waste plastics to asphalt for pavement materials
- Fukuoka-Chikugo Plastic Loop Council