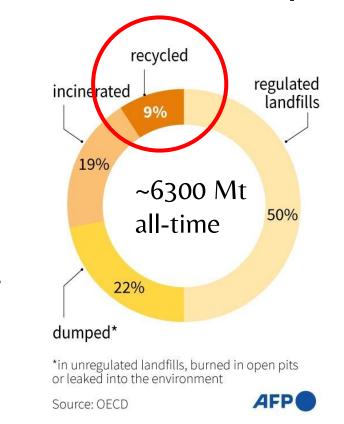


### Most plastic waste is not recycled



### **Traditional Recycling Difficulties**

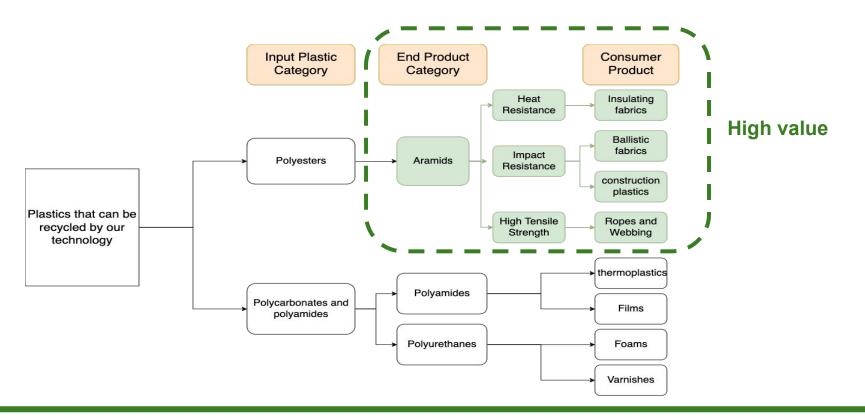
Feedstock contamination

Difficulty Sorting

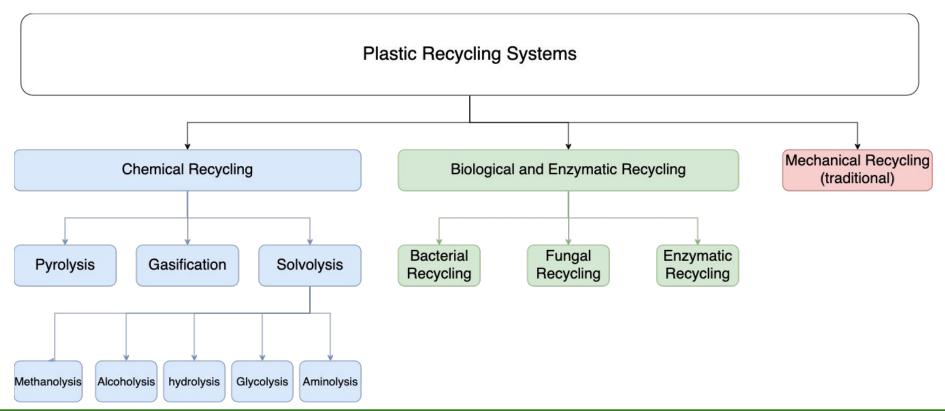
Mixed plastic products hard to treat

Quality Degradation (downcycling)

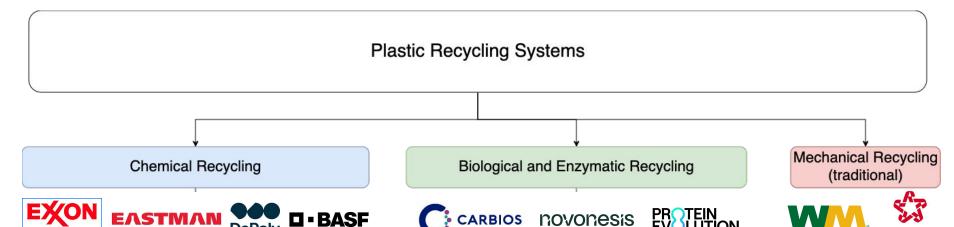
### Our technology upcycles plastics into high value products



# Other solutions: chemical, biological, mechanical recycling



## Other solutions: chemical, biological, mechanical recycling



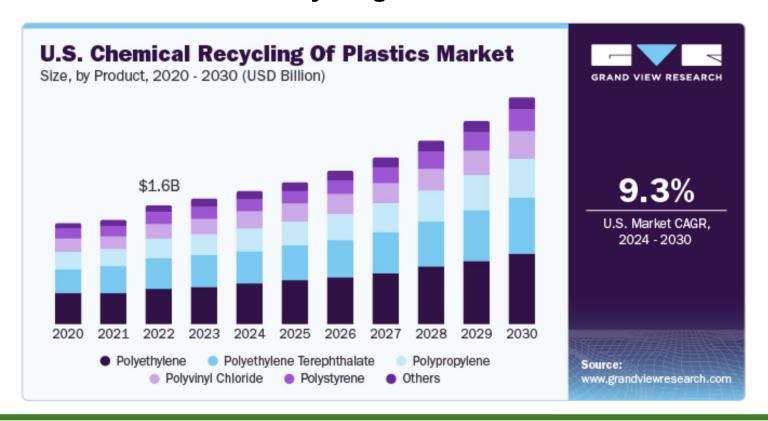
**Pyrolysis and gasification:** most scaled but low value products

**Solvolysis:** high value products but limited plastic feedstock types

Less-developed, newer technology but has potential for recycling different plastic feedstocks

Widely used and cost-effective, but limited in plastic feedstock, contamination, and quality degradation

### The US chemical recycling market was \$1.6B in 2022



#### Asia Pacific market dominates, but US market expected to grow

