

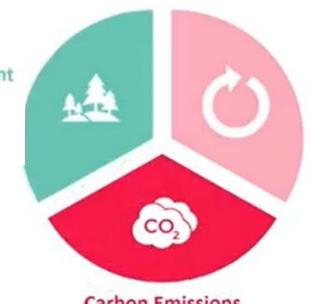


CE Transition's Triple Benefits



Natural Environment

减少环境泄露与 生物多样性危害

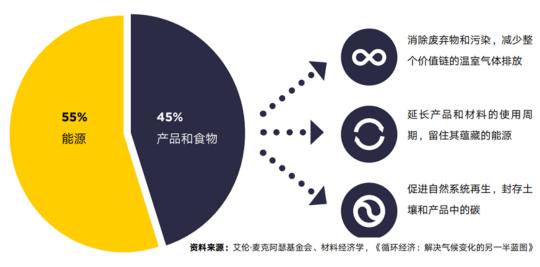


Circular Economy

减少原生资源的 开采与消耗



降低碳排放



展望"十四五",发展循环经济对我 国碳减排的综合贡献率预计将达到 30%, 2030年实现碳达峰的时候, 贡献率将达到35-40%!

---中国循 环经济协 会—循环 经济助力 碳达峰报 告1.0



Why plastic shall NOT be burned 塑料为什么不应该被焚烧



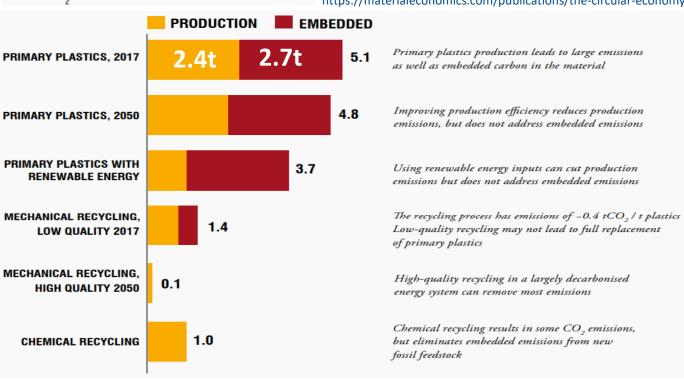


In 2019, the production and **incineration** of plastic adds 860 MT GHG emission

塑料焚烧是高碳排放 --- CIEL



TONNES CO₂ EMISSIONS PER TONNE PLASTICS PRODUCED https://materialeconomics.com/publications/the-circular-economy



每一吨废塑料的同级化物理再生(避免焚烧)带来的碳减排:

 $3.5 - 4.7 \text{ tons } CO^2$

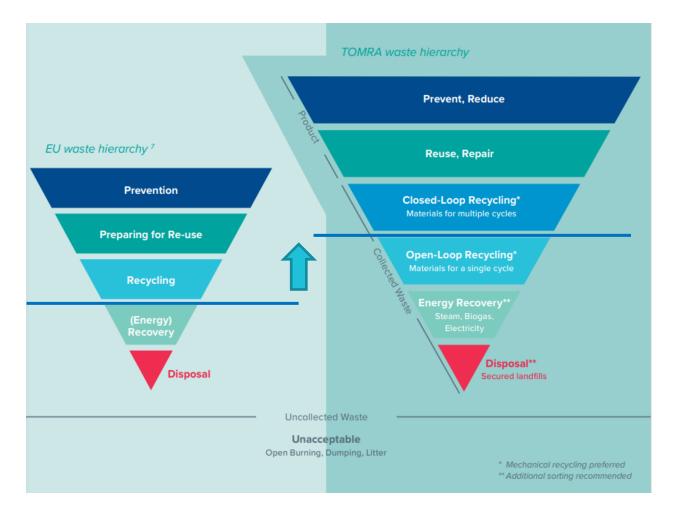
saved per ton of plastic mechanically recycled — **not incinerated!**

塑料包装应该:多循环,少焚烧,不填埋

Plastic packaging: Recycle more, less incineration and no landfill



Moving to a truly circular economy





塑料包装应该: 多循环, 少焚烧, 不填埋 Plastic packaging: Recycle more, less incineration and no landfill



MOVING FROM A LINEAR ECONOMY... 从线性经济模式

TO A CIRCULAR ECONOMY 发展到循环经济模式

资源开发 Resource Extraction

生产 Production

分配 Distribution

消费 Consumption

> 丢弃 Waste

从资源到垃圾 From product to waste







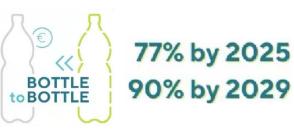
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——被实践验证的有效解决方案

CONTAINER DEPOSIT SCHEME – REAFFIRMED AS A PROVEN SOLUTION

押金制体系中,押金的金额对于回收率有很大影响 立陶宛押金制与回收率 Return rate and deposit value* for various container deposit schemes Return rates in Lithuania Deposit value in EUR 98% 95% 92% 92% 92% 92% Prior to container deposit 66% scheme No deposit No deposit ~40% End of 74% year 1 0,25 0,25 0,1-0,11-0,09 0,05 End of year 2 92% *Deposit values converted to EUR for comparison purpose **Norway increased its deposit value to 0.21-0.31EUR since 01.09.2018





















资源回收应用领域

- 城市生活垃圾
- 包装材料
- 商业废弃物
- 建筑垃圾
- 粉碎后的汽车
- 电子废弃物



- Municipal solid waste
- Packaging
- Commercial & industrial waste
- C&D
- Automobile shredder
- Electronic scrap















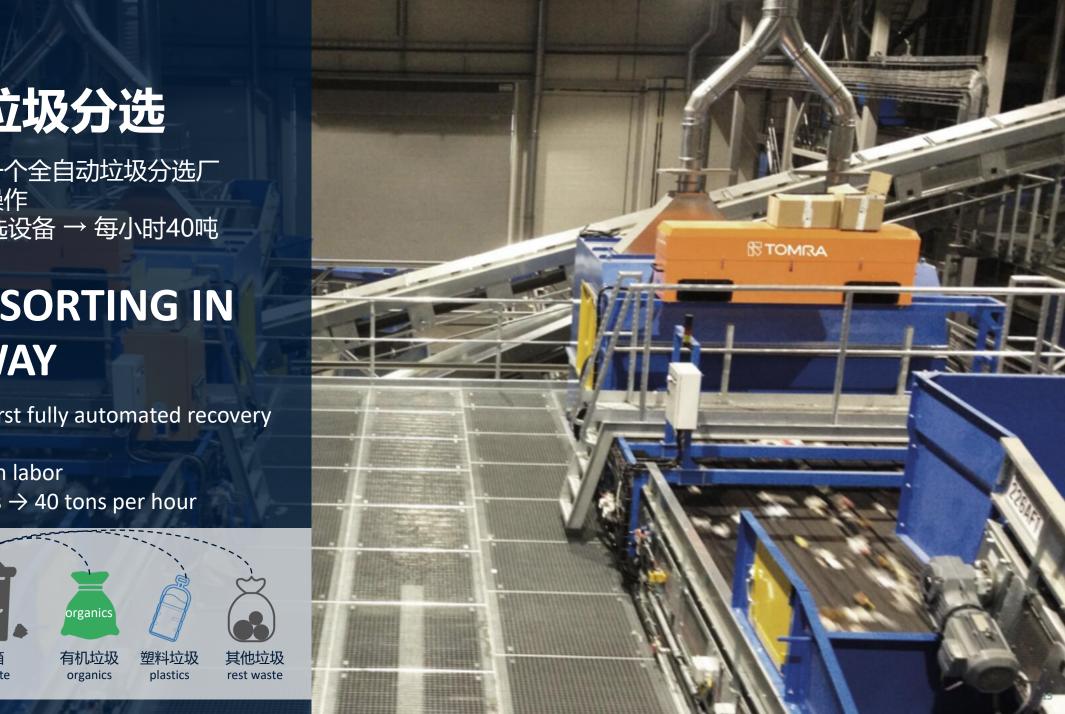
案例: 挪威垃圾分选

- 世界第一个全自动垃圾分选厂
- 无人工操作
- 16台分选设备 → 每小时40吨

CASE: SORTING IN NORWAY

- World's first fully automated recovery facility
- No human labor
- 16 sorters → 40 tons per hour





A truly circular Economy for plastic









塑料包装应该: 多循环, 少焚烧, 不填埋 Plastic packaging: Recycle more, less incineration and no landfill



陶朗: 高品质再生料"一站式"分选解决方案



















4600+

于挪威奥斯陆证交所上市(股票代码: TOM)



11 亿欧元营业额

TOMRA COLLECTION SOLUTIONS 陶朗收集事业部

TOMRA RECYCLING 陶朗资源回收

TOMRA FOOD 陶朗食品



REVERSE VENDING 饮料瓶自动回收机



MATERIAL RECOVERY 物料回收



RECYCLING 资源回收



MINING 矿产



PROCESSED FOOD 加工食品



FRESH FOOD 新鲜食品



欲获取更多信息,请访问: 陶朗资源回收公众号 网站: www.tomra.com





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