

*Hidden Behind the Express Delivery*



Quality

**— — Pollution**



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# *Express Garbage*

Carton (纸箱)

Plastic bag

Plastic foam

Sticky tape

Document

Low price

Shockproof(防震)

Safe delivery

meet customers' need



# Current Situation

## — Hangzhou

● **Trading Volume** According to Hangzhou postal service , Hangzhou Courier service enterprise business growth is impressive. In 2015,the trading volume of the city's express delivery reached 8460 million, increasing 80.79% compared to last year.

● **Quantity of waste** The great amount of wrapping waste was followed by the courier agencies. It is estimated that over 600 tons of waste was produced in several days before and after November 11<sup>th</sup> in 2015.





Where did the million tons of  
packaging garbage go?



# *A Survey of Public Opinions*

The express garbage is of great quantity ,and the collection is troublesome, so we just directly throw it away.



# *A Survey of Public Opinions*

Some cartons can be recycled ,but a large number of plastic tape and plastic foam can not be recycled, often they are burned or dumped in landfills.



# *Survey Summary*

- Weak awareness of garbage classification
- Courier agency—unwilling to recycle
- Plastic tape & Plastic foam—difficult to degrade
- Recycling system—not perfect
- High cost of regeneration

# *Keeping Pace with E-commerce*

- Government
  - Issue relevant regulations
  - Appeal the express delivery companies to use unified and reusable plastic bags
- Courier agency
  - Cooperate with businesses(reward the consumers with points while recycling the packaging waste ; redeem their points)
- Resident
  - Raise the awareness of waste classification
  - Turn waste into valuable material





*THANK YOU*