

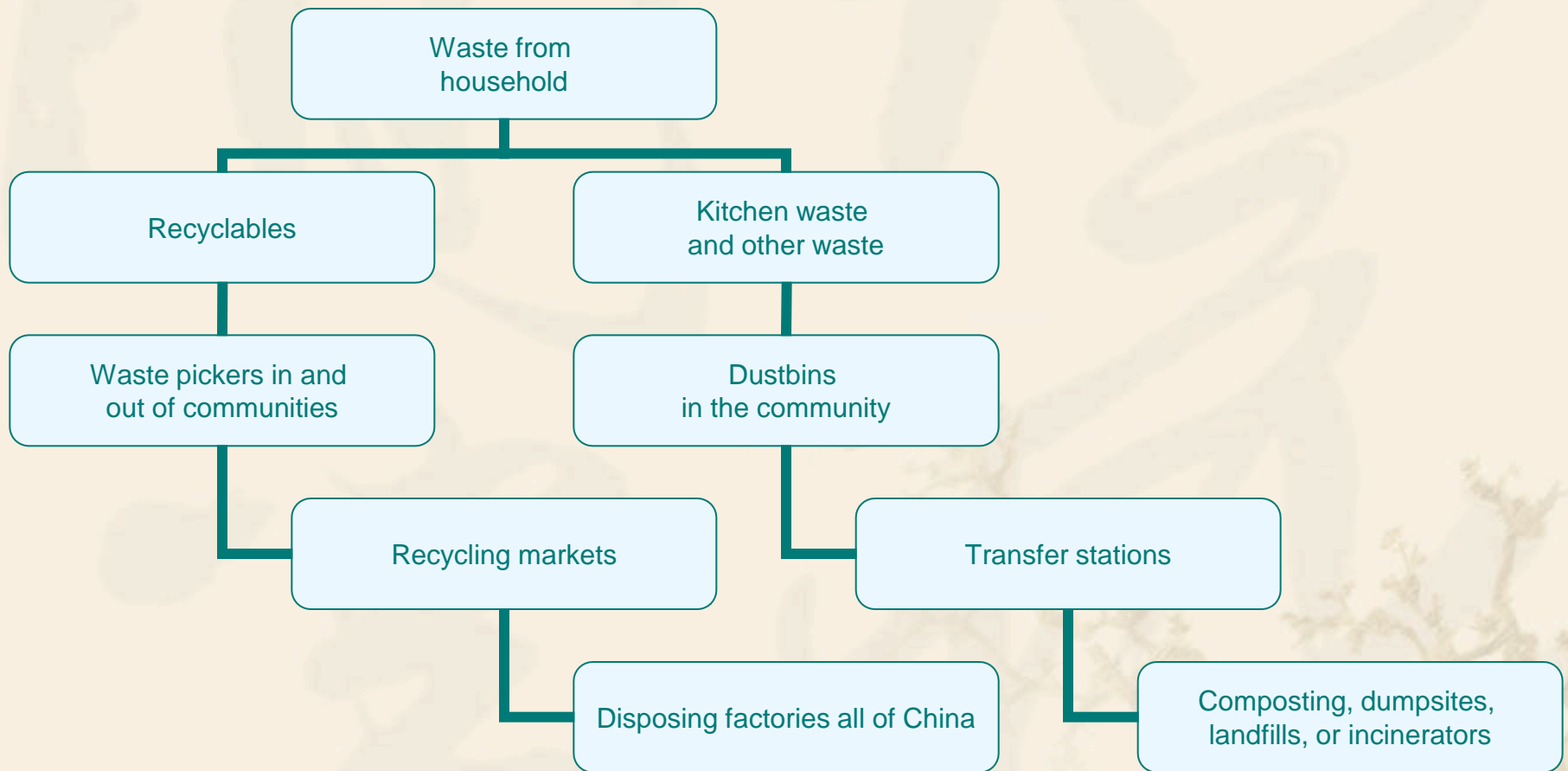




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- ❖ Mixed waste management in cities
  - ❖ Waste pickers and informal recycling
  - ❖ No infrastructure in rural area for waste management
  - ❖ What Green Beagle does in waste issues
  - ❖ Everyone should take action now

# Waste Stream



# Data from National plans

- ❖ Until the end of 2010, 0.22billion tons collection and handled, accounting for 63.5% waste produced in cities and counties
- ❖ Conflicts in twelfth-five year plan: continuing push for waste segregation and 48% incineration

# Waste Segregation

- ❖ Staying superficial and no real efforts in waste segregation



# Composting

- ❖ No future if mixed waste composting continues, eg. Nangong, Beijing
- ❖ individuals from household take action to do composting









# Dumpsites and landfills

- ❖ Still 25% into dumpsites in Beijing
- ❖ Lack of regulation: leakage and bad smell to impacted communities







# Incineration in China

- ❖ waste incineration in a boom, no long term plan for environment- friendly management consideration
- ❖ The government's statistics 106 plants
- ❖ With the name of “besieged by waste”, the twelfth-five year plan for waste management advocating incineration

# Not Well Regulated

- ❖ Lack of public participation in Environment Impact Assessment (eg. Dagongcun, Lujiashan plants in Beijing )
- ❖ Lack of public's supervision
- ❖ Insufficient Information disclosure
- ❖ Questions on renewable energy classification and subsidies
- ❖ Protests and Pollution victims

# 北京市环境保护局

## 关于达尔问自然求知社对朝阳生活垃圾综合 处理厂焚烧中心环评意见的回复

一、朝阳生活垃圾综合处理厂焚烧中心工程是朝阳区政府为解决生活垃圾处理而建设的民生工程。该项目建设符合北京市委、市政府《关于全面推进生活垃圾处理工作的意见》，符合固体废物减量化、资源化、无害化的处理原则，通过焚烧发电等处理过程，实现垃圾无害化处理。

该项目位于高安屯朝阳循环经济产业园区内，拟建 3 台 600 吨/日机械炉排炉，日焚烧处理经分类、筛选过的垃圾 1800 吨，采用国内外先进工艺，选择更加成熟、可靠的设备，废气经过脱酸、脱氮、喷活性炭吸附、除尘等多重工艺净化，排放可达到欧洲最严格的排放标准（二恶英低于  $0.1 \text{ ngTEQ/Nm}^3$ ）。根据环评报告书预测，在考虑原有焚烧、填埋、医疗废物焚烧等设施综合排放情况下，在西北厂界 664m、东厂界 1264m、南厂界 1090m 范围外环境和居住是安全的。项目符合审批许可条件，在履行了专家评审、评估、公示等程序后，我局已对该项目环境影响报告书进行了批复。



环卫车





# Waste pickers and recycling

- ❖ 20,000 waste pickers serve 2,000,000 Beijingers
- ❖ No support VS great contribution to waste management
- ❖ Totally market oriented recycling system (being charged by Municipal Commission of Commerce)
- ❖ Possibility of integration of waste pickers and waste management





物资回收站









# Waste in Rural Areas

- ❖ No infrastructure
- ❖ Open burning or dumpsites
- ❖ New hope for waste management





# Green Beagle's Work in Waste

- ❖ Basic field research in waste segregation communities and recycling
- ❖ Public participation: Lectures and Tour of Waste Facilities
- ❖ Pushing for improvement of waste management policies
- ❖ Pollution intervention and providing service to pollution victims caused by waste



Choosing the right way for waste  
management

Everyone should take action now for reduction  
and waste segregation!

