

## Recovering Paper for Recycling from Austrian Households



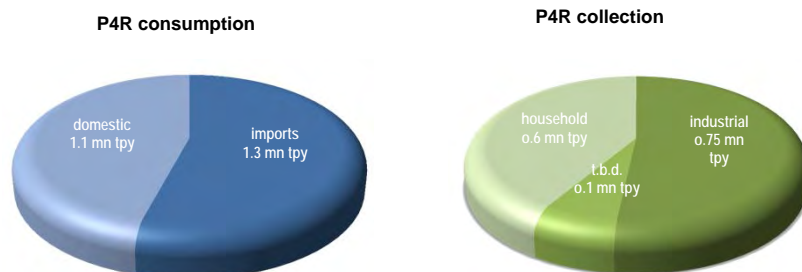
**history****history**

- ⇒ collection attracting households using 150/550L containers on public space started in the early eighties, initiated by the paper industry
- ⇒ partially replacing collection by (non-profit) associations
- ⇒ collection gained momentum in the nineties, became area-wide, moved closer to the door, and got a legal frame
- ⇒ collection levelled out in the mid-naughties at a volume of about 600,000 tpy (i. e. 71 kg per capita) from households, and an overall recycling rate of 70%.

### legal background

- ⇒ first federal waste management act (Abfallwirtschaftsgesetz) was legislated in 1990, major adjustment 2002
- ⇒ the collection of non-hazardous municipal waste (and secondary raw materials) are largely covered in the legislation of the federal provinces
- ⇒ these days municipalities are obliged to offer separate collection of certain secondary raw materials, including paper for recycling
- ⇒ ownership of these materials is with the municipality.

### figures – Austria total



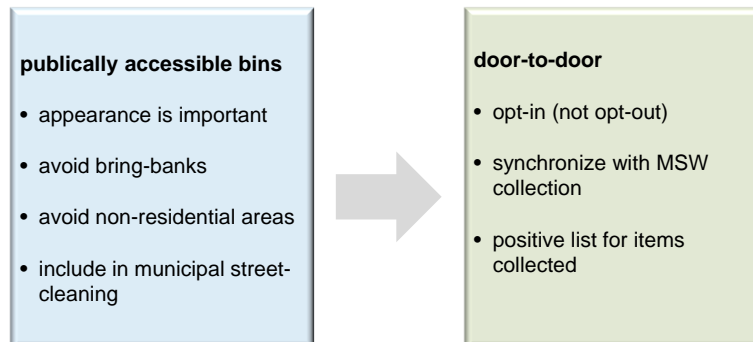
### household collection



### household collection

- ⇒ **backbone** of household collection is an area wide, municipal initiated, bin collection, typically using bins of 240, 660 or 1,100L
- ⇒ basically two (partially overlapping) schemes are established
  - ⇒ bins on public space
  - ⇒ door-to-door collection
- ⇒ the second one becoming more and more prevalent
- ⇒ generally graphic and packaging paper is collected together, beverage cartons are excluded, co-mingled collection (of P4R) not allowed

## findings



both need thorough control of costs, capacity and collection intervals

## complementary schemes

### recycling centers

- ⇒ bin collection frequently is complemented by a bring system
- ⇒ under survey of trained staff
- ⇒ usually ‚brown‘ and ‚white‘ separated, which in certain cases allows deinkable qualities
- ⇒ larger boxes and containers will not fit into 240L bins

### curbside collection

- ⇒ in certain areas a collection of bundles of packaging paper is organized by the EPR for packaging scheme(s) („Geschäftsstrassenentsorgung“)

the household is poorly rewarded for collecting P4R, so ...

**what does it need?**

- ⇒ motivation
- ⇒ consistency
- ⇒ continuity
- ⇒ habituality

Dr. Josef Augusta  
Austria Papier Recycling GmbH  
[www.apr.at](http://www.apr.at)



thank you for your attention