



## **THE SOLIDARY SELECTIVE COLLECTION IN THE EAST REGION OF BELO HORIZONTE CITY**

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# COOPESOL Leste

## [Solidary Cooperative of the Workers and Productive Group of East Region]

2003 17 women + 6 men funded Coopesol Leste

2005 Trash&Citizenship Forum helped the negotiation with Municipality for a warehouse

2010 Sorting Shed Inauguration with 40 cooperates

activities: sorting, fine sorting, pressing, commercialization and management

2014 Collection with compactor truck –difficulties to sort and more contamination

2015 Municipality Pilot Project: Coopesol hired to door to door collection in one district



# Belo Horizonte Pilot Project

## Waste Peakers Request

- ✓ Negotiation with Municipality mediated by Waste&Citizenship Forum of Minas Gerais state
- ✓ Payment for Mobilization and Recyclable Collecting: [enough only for operational costs]:
  - Mobilization paid for each house visited
  - Collection paid for tons collected

## Goal

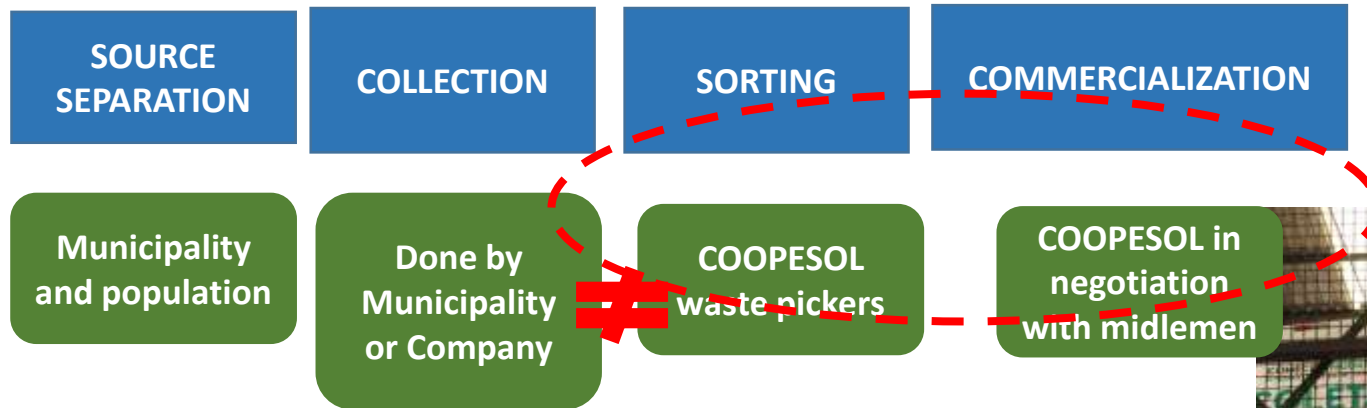
2400 visited houses + 2,97ton/day [= 8% total waste production]

## 2017

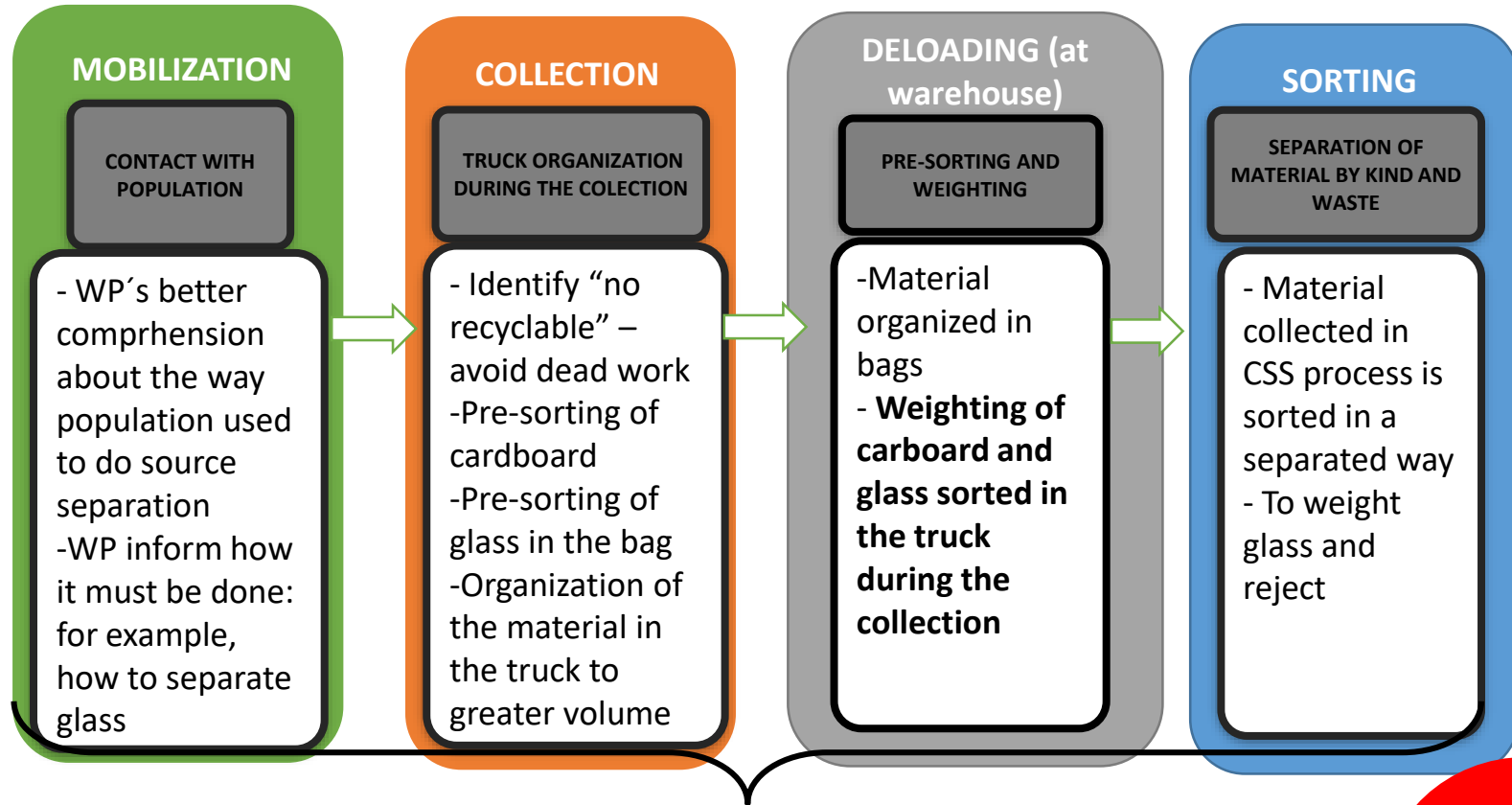
expansion of collection area + price adjustment

# Context

- Demands for improvement on work conditions and on the income of the catadores
- Brazilian Waste Management Law (PNRS) – demand on waste pickers inclusion on selective collection
- Steps and actors involved at WM in Belo Horizonte (AS USED TO BE):



# Diferent ways of improving efficiency



**INTEGRATION BETWEEN DIFFERENT STEPS  
IMPROVEMENT OF THE SYSTEM AS A HOLE**

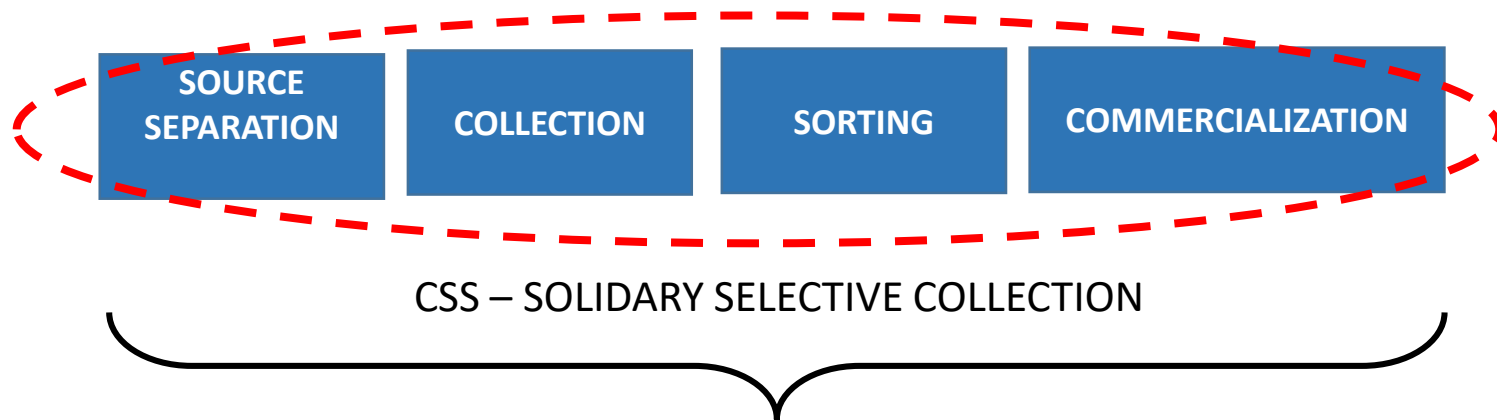
**SYSTEMIC  
EFFICIENCY**

# Diferent ways of improving efficiency



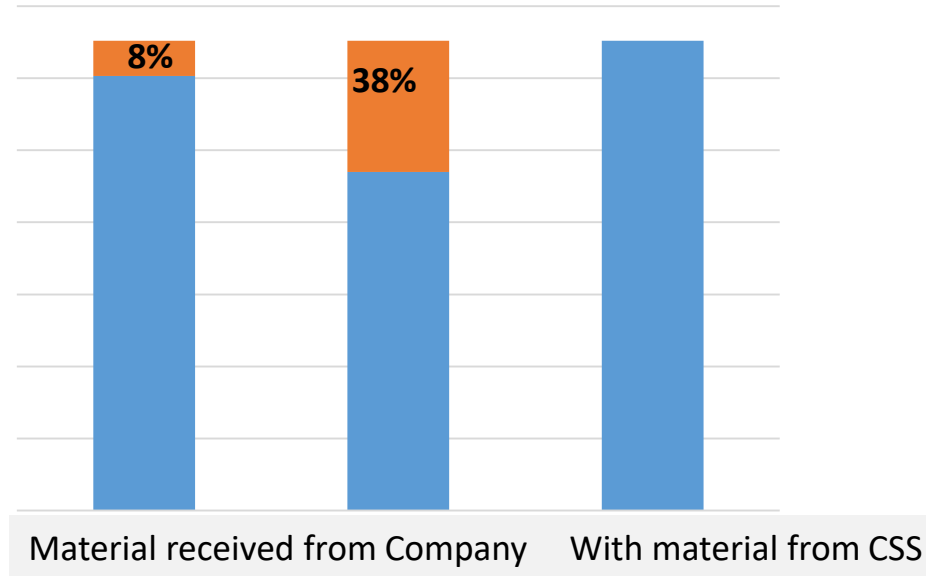
# Improvements

- Better quality and greater quantity (material collected is better than the material received from the collection company, contact with households improve the quantity and the quality of the collected material);
- Better work conditions: glass is organized and packaged in the truck, avoid work accidents; WP only collect recyclable, less reject and contamination; Cooperative and Company are paid by tons collected but for the cooperative isn't worth to carry rejects;
- Improvement in the productivity of sorting that imply in better income;



# Results

- Improvement on sorting productivity (tons/person/day)





# Results

- Allow integration between population and recyclable collectors – more sensibilization and mobilization to recycling
- Improvement at quantity and quality of material collected :
  - “It doesn’ t interest us to bring trash to warehouse”
  - The collection model allow pre-sorting
- The amount paid by the service providing improves the global income: some times is greater than the income from commercialization, and more material also allows more money from commercialization
- Improvement on work conditions
  - Improvement in production efficiency...
  - ... Without became worse the work conditions.

OBRIGADA!  
Thank you!