

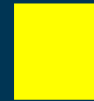
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T.6.4 How to best collect bio-waste in high density areas?

LIFE BIOBEST WEBINAR

lessons learned from the three cases presented



Bio-waste

- One word for two waste streams



Success depends on a number of factors



Feedstock

All 3 cases split BW into 2 separate stream:

- Kitchen waste
- Garden waste
- Pros/contra
 - Independent from seasonality
 - Different bulk density
 - Tools tailored to the more complex biowaste to sort

Tools

All 3 cases adopt specific tools to easy the separate collection of KW for households:



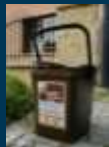
- Kitchen caddy
- Compostable bags
- Pros/contra
 - Limit bulk contaminants to be collected “at home”
 - Prevent plastic bags to contaminate compost&digestate
 - Keep waste receptacles clean

Tools

All 3 cases adopt specific tools to collect «at the doorstep» aiming at a 1-to-1 relation with households:



- Luebeck by using small caddies per household and phasing out biobins (avoid commingled KW & GW)



- Bratislava by using buckets and bins “tailored” to the number of HH/building



- Milan by using bins “tailored” to the number of HH/building

Frequencies of collection

All 3 cases adopt higher frequencies of collection for KW compared to RW:

- Luebeck 1-2 : 1
- Bratislava 1-2 : 1
- Milan 2 : 1

- Pros/contra
 - More KW collected into the bio-bin rather than into the residual waste-bin

Communication and participation

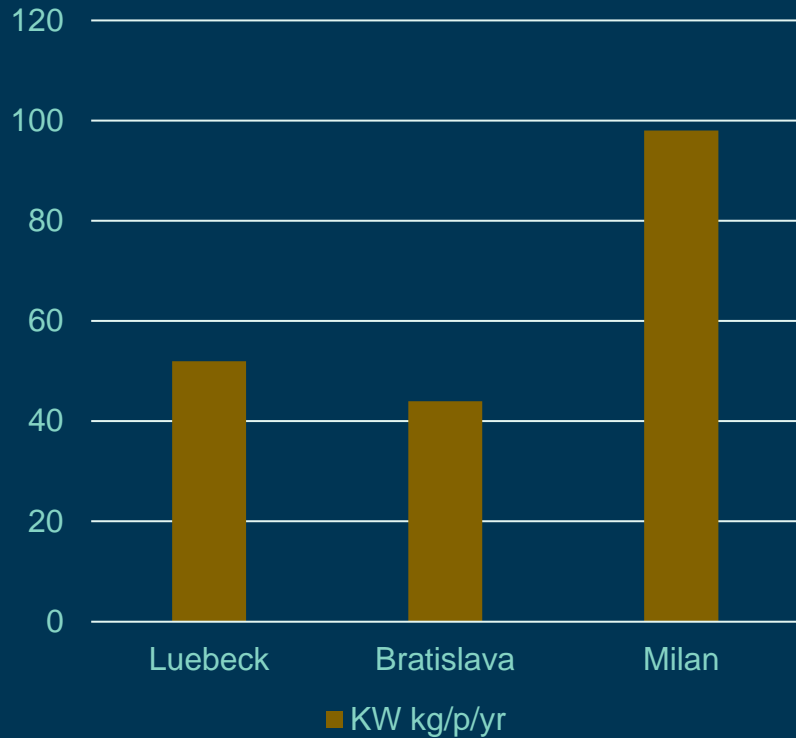


Inspection, fines, **feedback**

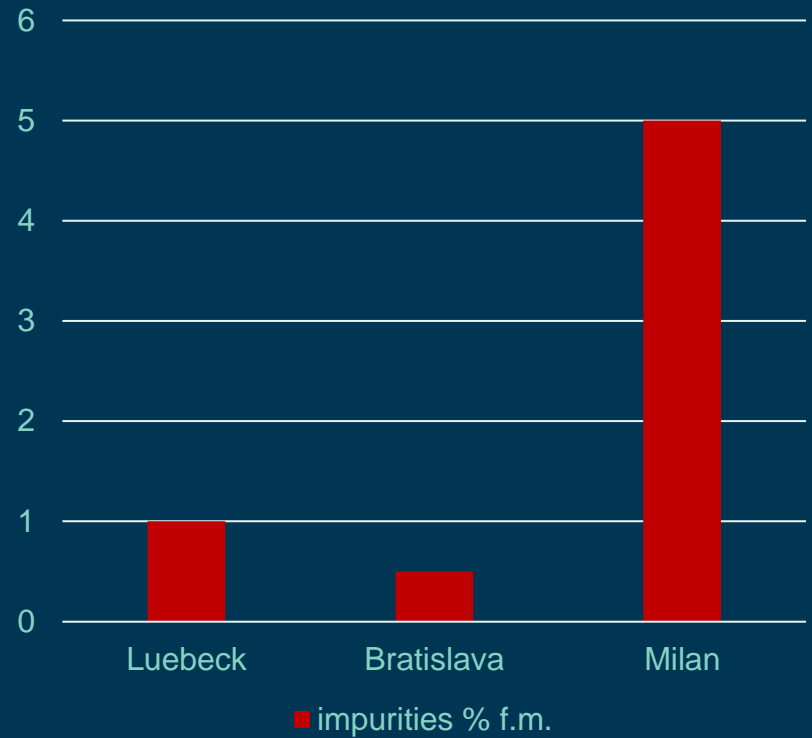
Recycling Results



KW kg/p/yr



impurities % f.m.



Thank you!

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