



Product stewardship for packaging program: municipal concerns

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Participation

1. Provide for collection and recycling of readily recyclable materials
 - Transition period

2. Report
 - Raw numbers that vary annually
 - Cost allocations, audits, and necessary calculations determined during consultation with the Stewardship Organization (S.O.)
 - Reimbursements calculated by S.O.
 - Costs inform reimbursement, producer fees, and best practices



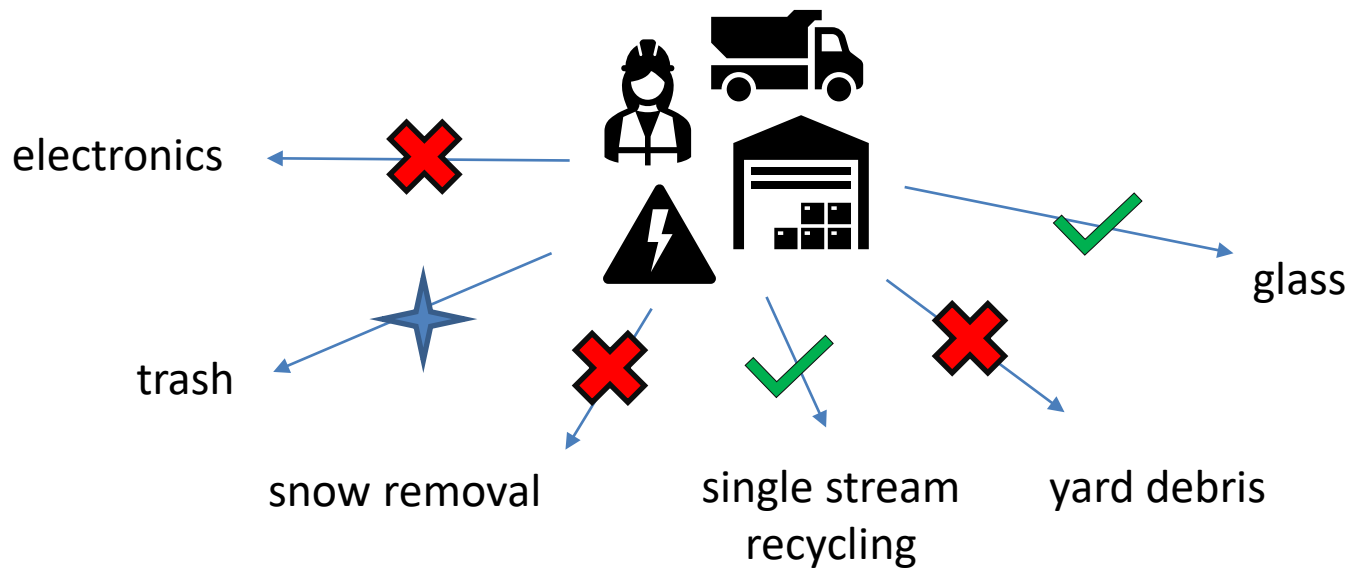
Step 1: Provide for collection and recycling

- Mainerstown
 - Curbside collection of trash
 - Curbside collection of single-stream recycling
 - GoodSorters contracted to handle single-stream recycling
 - Transfer station drop-off for glass
 - Tryingham City pays Mainerstown to handle its glass











Step 2: Mainerstown/S.O. consultation

- SO determines allocation of cost to various streams
- SO identifies inputs that Mainerstown must annually report: raw numbers that vary annually



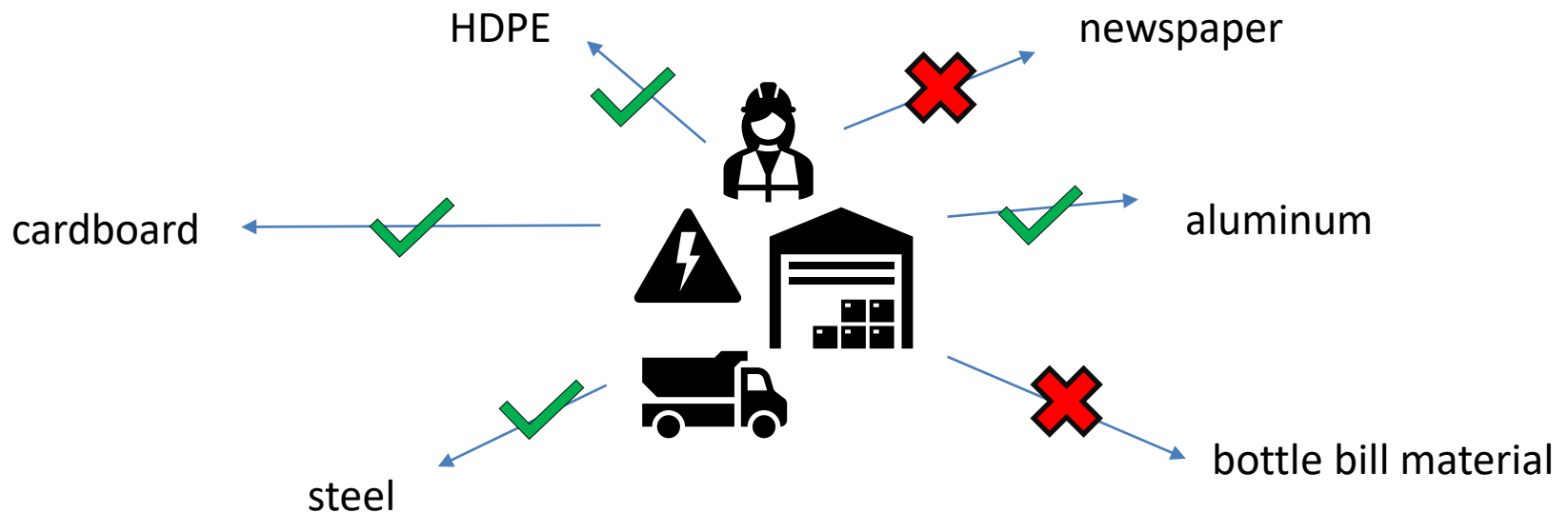
Step 2: continued

- S.O. documents static inputs

<p>Miles per routes traveled by on-road vehicles</p> 	<p>Price paid for all equipment</p> 	<p>Expected lifespan for all equipment</p> 	<p>Purchase year for all equipment</p> 
<p>Price paid for all structures</p> 	<p>Expected lifespan for all structures</p> 	<p>Purchase year for all structures</p> 	<p>Percent allocation from audit</p> 

Step 3: GoodSorters/S.O. consultation

- Same procedure as municipal consultation
 - Not necessary if contract only for management of one commodity
 - S.O. keeps inputs confidential













Step 4: annual reporting

- Mainerstown completes annual report of variable inputs (certain costs and tons recycled)
- GoodSorters completes annual report of variable inputs (certain costs and tons recycled)
- All other participating municipalities and their contractors do the same



Step 4: continued

- Mainerstown completes annual report of variable inputs

<p>Labor cost</p> 	<p>Maintenance cost for all equipment</p> 	<p>Number of trips traveled for on-road vehicles</p> 	<p>Annual miles traveled for on-road vehicles</p> 	<p>Maintenance cost for all structures</p> 
<p>Total metered energy</p> 	<p>Average price per unit of energy</p> 	<p>Revenue shared cost/ton</p> 	<p>Contractor cost/ton</p> 	<p>Tons of material managed for recycling</p> 



Step 5: SO determines tons recycled by each municipality for each commodity

- How much of each commodity sold is covered packaging?

Glass  30% bottle bill + 70% covered packaging

- How much recycling came from Mainerstown?
 - All glass recycled through drop-off (*)
 - 1/3 of material recycled by GoodSorters



Step 6: SO determines municipal \$/ton for each commodity



total cost from reporting



tons recycled



allocation from consultations and audits

\$/ton HDPE

\$/ton glass

\$/ton mixed paper

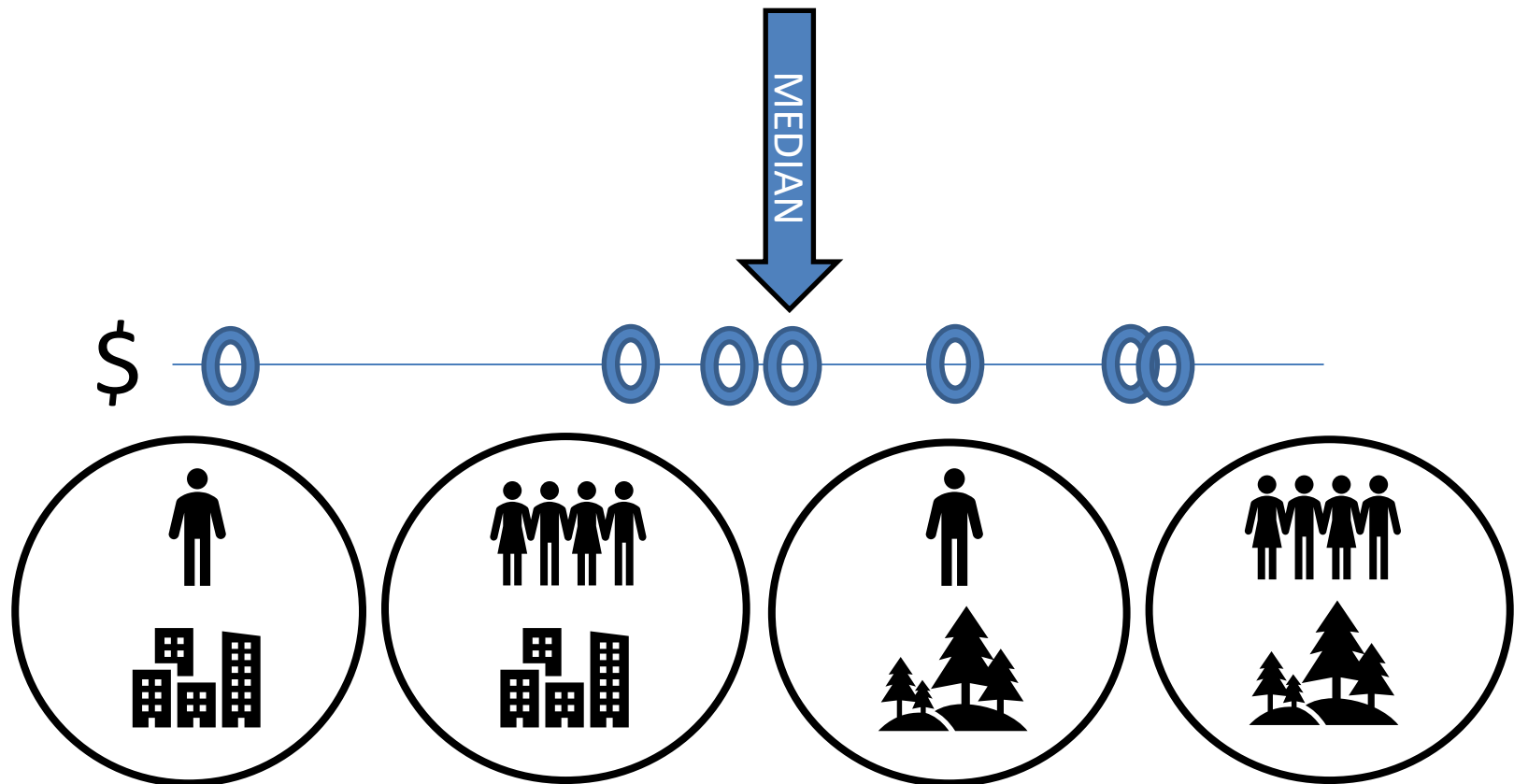
\$/ton aluminum

\$/ton steel

Etc.



Step 7: median \$/ton to similar municipalities for each material type



Step 8: Mainerstown reimbursement for recycling

median cost/ton to similar municipalities of recycling box board * tons box board recycled



median cost/ton to similar municipalities of recycling glass * tons glass recycled



median cost/ton to similar municipalities of recycling HDPE * tons HDPE recycled



median cost/ton to similar municipalities of recycling aluminum * tons aluminum recycled

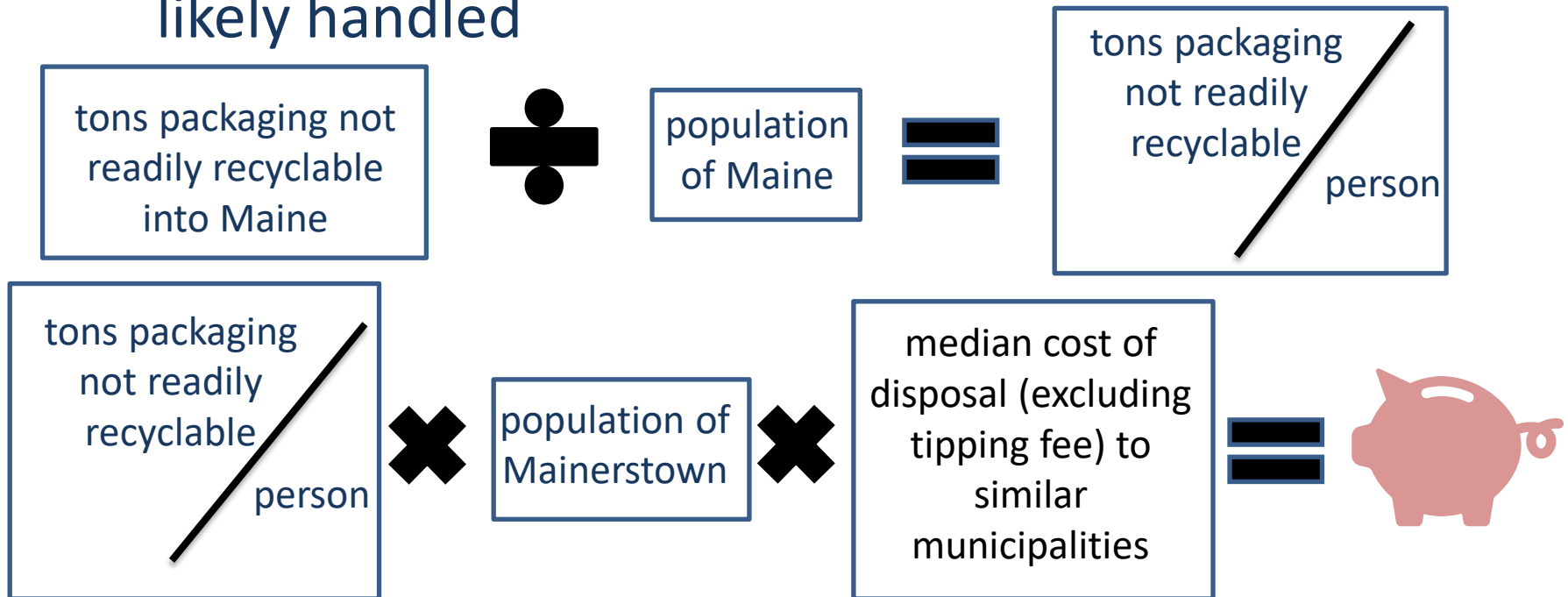


median cost/ton to similar municipalities of recycling (etc.)



Step 9: Mainerstown reimbursement for managing packaging material that is not readily recyclable

- Per capita payment for material Mainerstown likely handled



Step 10: Provide for collection and recycling

- Options for material additions
 - Add source separated collection of additional material
 - Collect and send to another municipality for recycling
 - Add to a current stream
- Options for starting from scratch
 - Single stream drop off
 - Source separated collection and send to another municipality
 - Contract with another municipality to allow for use of its transfer station by your residents





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