

Telling the Future



of the Solid Waste & Recycling Industry

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1. Regionalization: Safety



**REGIONALIZATION &
COLLECTION
AUTOMATION
FOR SAFETY'S SAKE!**

From bins & bags on the back of a truck...

To safe, automated collection of carts



1. Regionalization: Efficiency

TRANSFER STATIONS

Safety

Efficiency

Savings (economic and greenhouse gasses)



2. Streamlining: Recovery

CO-COLLECTION: 2 STREAMS



2. Streamlining: Recovery

Co-Collection Stream 1



2. Streamlining: Recovery

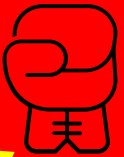
Co-Collection Stream 2



2. Streamlining: At the MRF



Optical Sorters

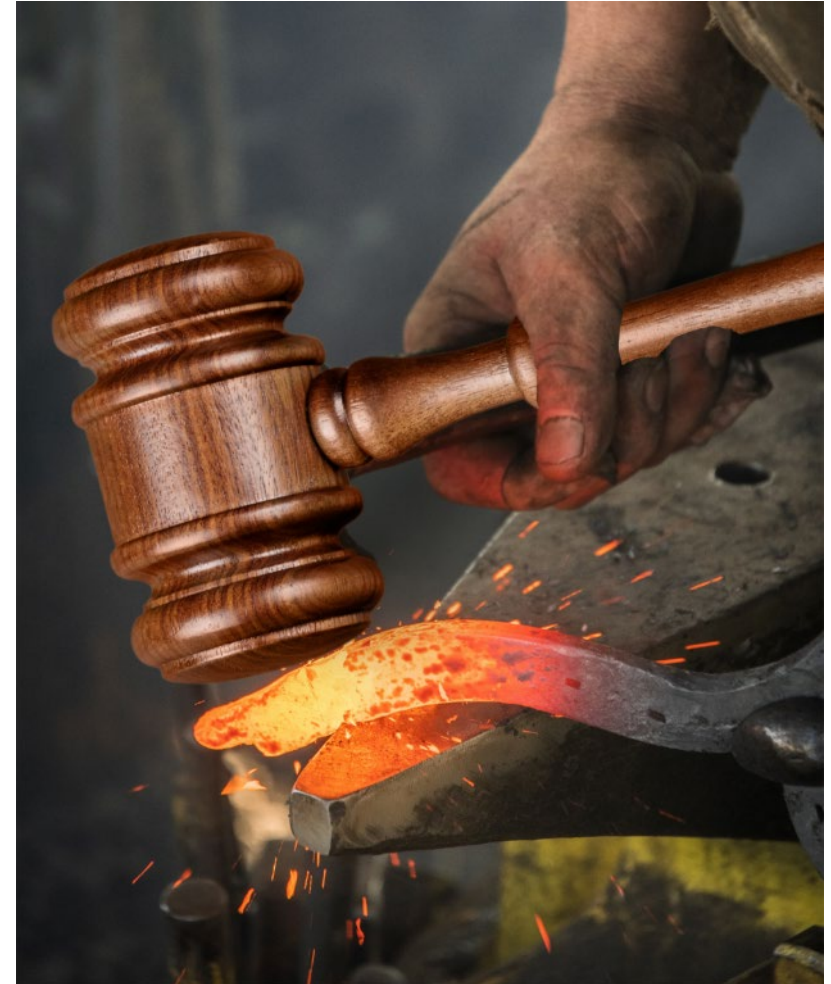
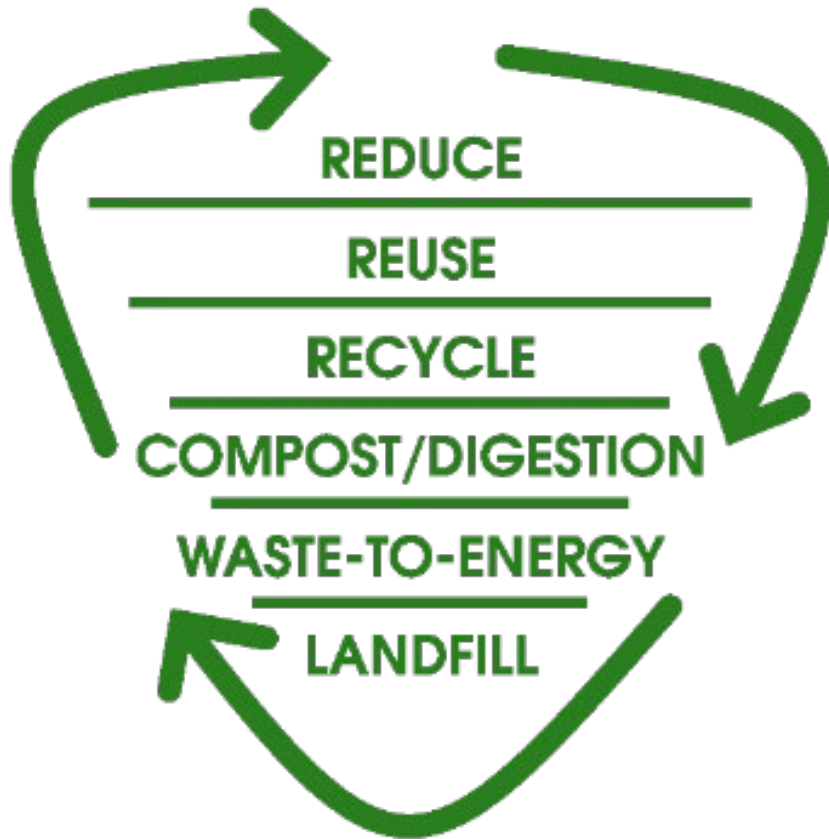


vs.

Robots



3. Policy



3. Policy



3. Policy: EPR



**FROM READILY RECYCLABLE TO NON-RECYCLABLE...
AND BACK AGAIN. ♻️**



3. Policy: EPR

Source: EPA Facts and Figures about Materials, Waste and Recycling 2018



**35.7 million tons of plastics
were generated
in the U.S. in 2018**

Only 8.7% were recycled...



**...but almost 30% of
#1 PET bottles and
#2 HDPE jugs
were recycled!**

3. Policy: The Waste Hierarchy



4. Out-of-State Transportation of Waste

**From
population
centers...**

**...to the
landfill of
least
resistance!**



5. Education, Outreach, & Recruitment



**Overall,
we need
solid waste
strategies
that are...**

**Less
Filling**

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