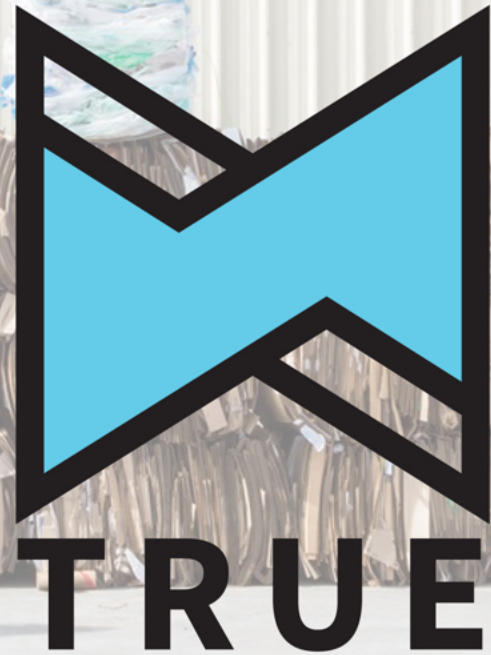
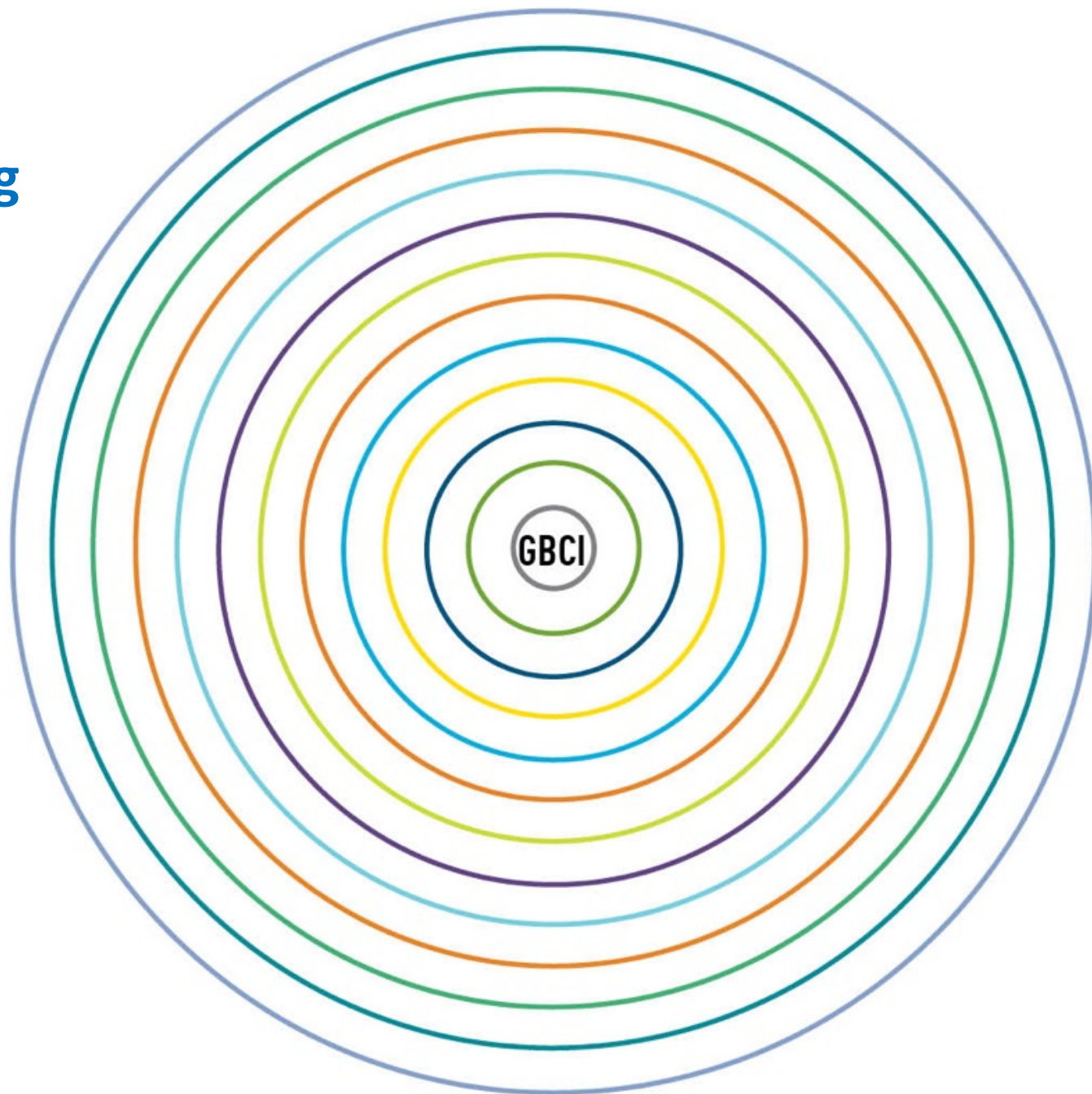


2



Total Resource Use and Efficiency

Gbci.org
Usgbc.org



LEED
WELL
PEER
GRESB
SITES
EDGE
PARKSMART
TRUE
ICP
STAR
RELi
C2C



TRUE CERTIFICATION

TRUE Zero Waste Rating System Overview of Categories & Points

Redesign	4 points	Leadership	6 points
Reduce	7 points	Training	8 points
Reuse	7 points	ZW Analysis	5 points
Compost (Re-earth)	7 points	Upstream Management	4 points
Recycle	3 points	Hazardous Waste Prevention	5 points
ZW Reporting	4 points	Closed Loop System	4 points
Diversion (Minimum 90%)	5 points	Innovation	3 points
ZW Purchasing	9 points	Total Points	81 points

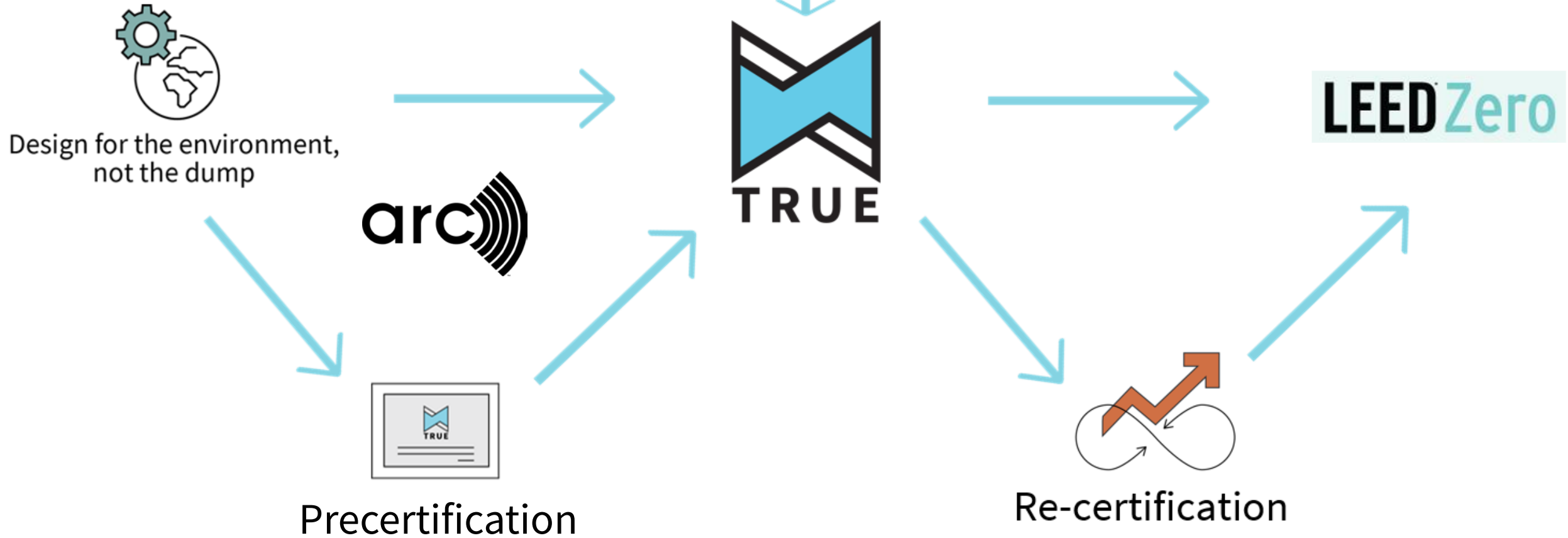
Program Evolution & Resources

- Incremental certification
- TRUE Certification -Events
- Construction Sites -*pilot*
- Disaster Recovery/Rebuild –
Market transformation
- Resources:
 - Workgroups
 - Toolkits
 - Webinars
 - and more



2020 & Beyond

Journey to zero waste with TRUE



TRUE Facilities: 186 in 14 countries and counting

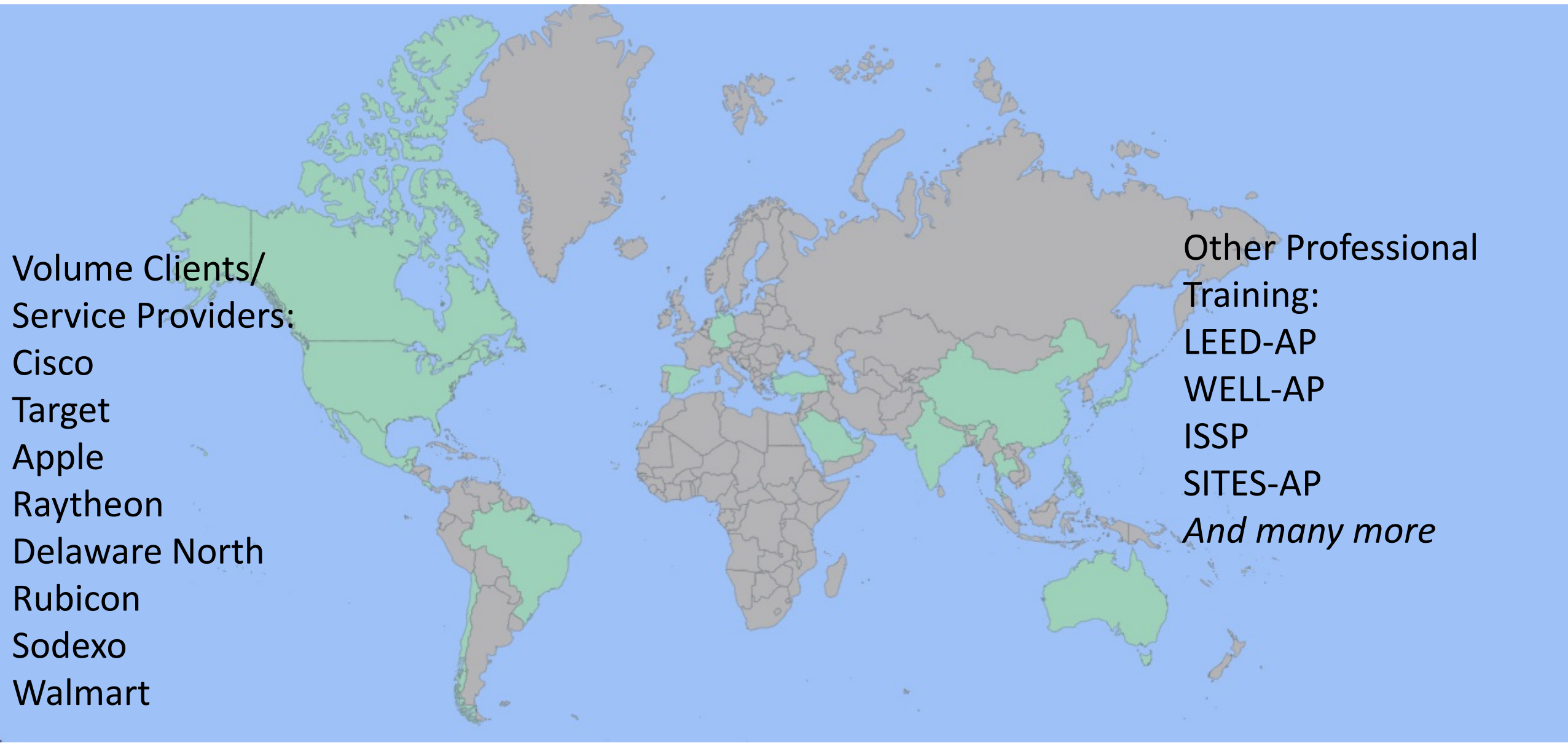
Cutting Costs & Improving Their Bottom Lines

TESLA TOYOTA



*Project is a facility inside a larger campus

TRUE Advisor – over 1000 globally





**REDESIGN. RETHINK. REDUCE.
REUSE. GOING BEYOND RECYCLING.**

Spotlight: Toyota

Moving upstream from recycling to reuse

- Since 2002, Toyota's parts & accessories returnable container program has saved over **220 million** pounds of wood & **145 million** pounds of cardboard
- That's the equivalent of **2.7 billion** trees & **\$1 billion** in packaging costs savings
- Currently, about **11 million parts** & more than **60,000** reusable shipping containers travel through the parts & accessories network
- All of these savings equal more resources for the future & lower costs for Toyota's parts & accessories



Know where materials come from

ZERO WASTE
AUDIT STARTS
HERE



Colgate Redesign Credit 3 - Example

Item	Description	Action	Timing	Comments
Pipette and Tips	Analytical lab and the Warehouse produces many sample pipettes and tips, not currently recyclable in our commingled program	Consider upcycling to Terracycle	Q2 2019	
Plastic Strapping Shrink Wrap, Label Backing,	Almost all raw materials sent to the site as well as many finished good pallets shipped from the site utilize these straps, not currently recyclable in our commingled program	Consider collection in “commodity based program” to identify accumulated quantities and potential vendors	Q1 2020	Tracked and to be reviewed the B.N.Z. Committee
Wypalls	Evaluate options for wypall collection program	Evaluate regulatory requirements and if recycling program exists	Q4 2019	Tracked and to be reviewed the B.N.Z. Committee
Gloves	Evaluate options for glove collection program	Evaluate if recycling program exists	Q4 2019	Tracked and to be reviewed the B.N.Z. Committee

Cintas Toronto Distribution Centre:

- TRUE Gold certified
- Canada's 2nd TRUE certified project & 1st distribution centre to certify
- Partnered with Wiseman Exports to shred excess fabric from garments & repurpose it as rags & to make mattresses
- The centre's green team meets monthly to brainstorm ways to get partners involved in waste reduction efforts



The Tesla Factory:

- Received TRUE Gold certification
- The **5.3 million square foot** manufacturing and office facility diverts around **99%** of its waste from landfills.
- About **2%** of the facility's waste goes to waste-to-energy facilities. This ensures that certain discard materials don't end up on the secondary market.
- In 2016, Tesla sent **1.9 million pounds** of compostable materials to a commercial composting facility near the Tesla factory.



The Zero Waste Economy:

Designing a full-cycle stream—Upstream **AND** Downstream



Design for the environment, not the dump



Shifting subsidies



Changing the rules



Jobs, Jobs, Jobs



Clean production



Retail stores



Consumer buying power



Producer responsibility



Resource recovery parks

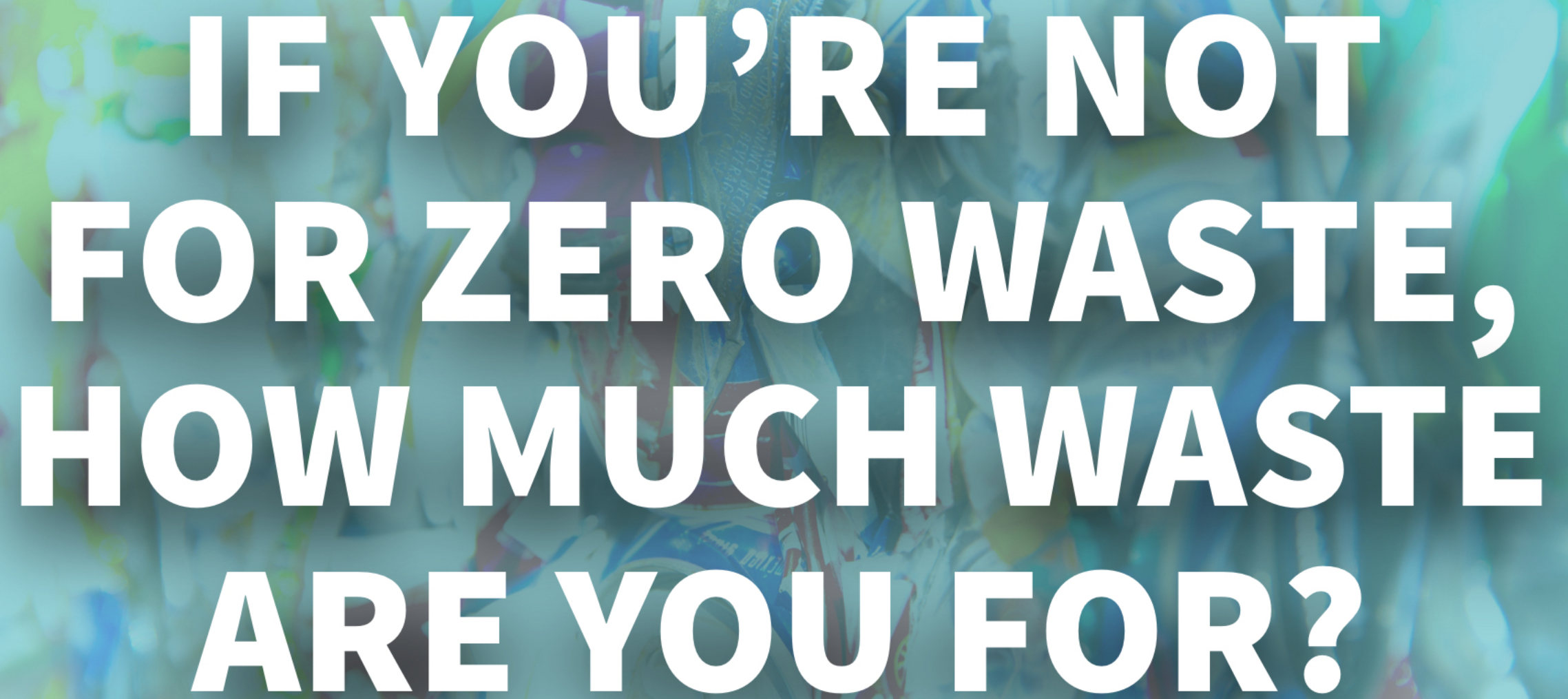
Partnerships to create a zero waste circular equitable economy for all

CLEAN SEAS COALITION



Circularityinaction.com

And many more!



**IF YOU'RE NOT
FOR ZERO WASTE,
HOW MUCH WASTE
ARE YOU FOR?**

Learn More

1. Explore our website
2. Sign up for TRUE news
3. Check out our Professional Credential – TRUE Advisor
4. Contact us sbarger@gbci.org
5. Follow us



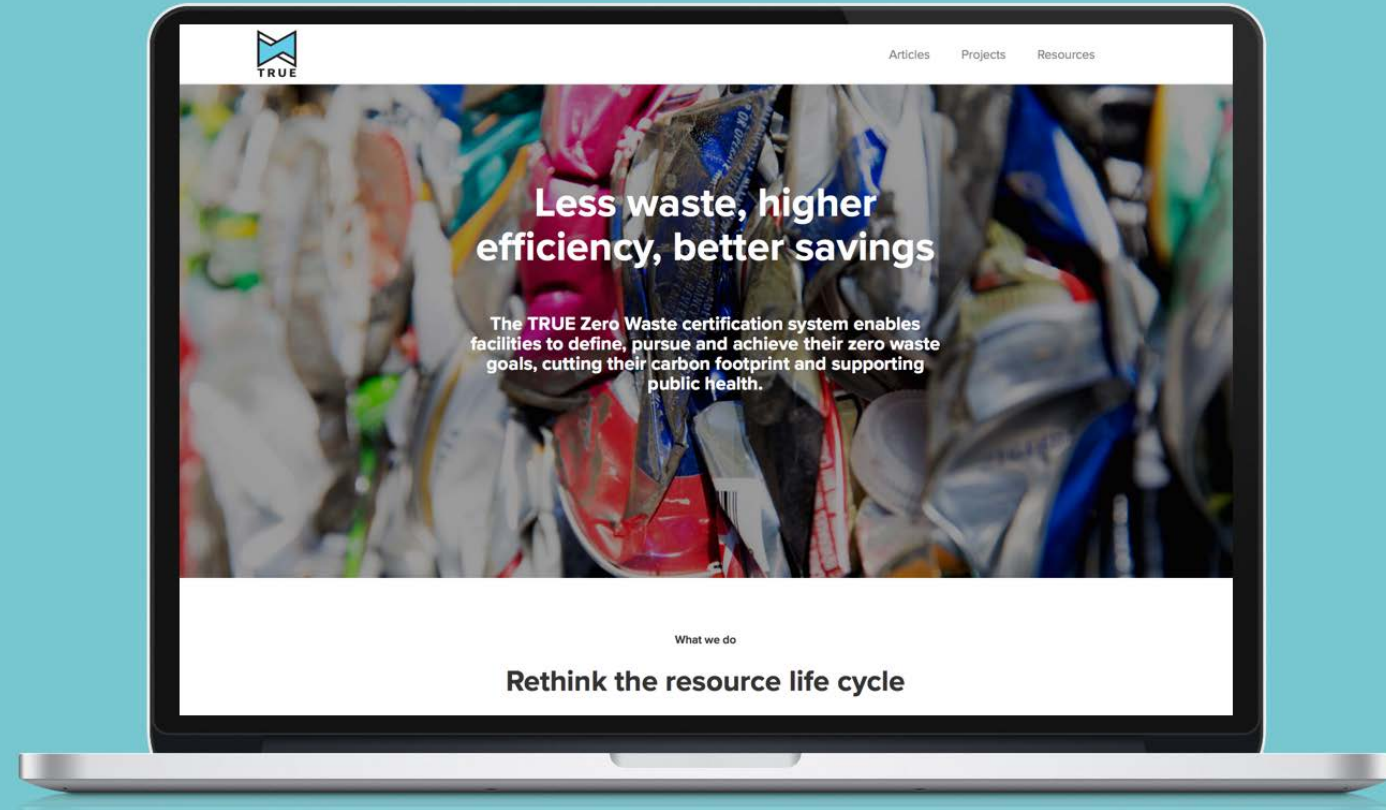
@TRUEcertified



TRUE ZeroWaste Certification



TRUE Zero Waste Certification



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