Jamie Kaminski
Zero Waste Business Associate (ZWBA)
TRUE Advisor
President | HSR Zero Waste & HSR Services
Policy Director | Zero Waste Canada (ZWC)
Board Member | Zero Waste International Alliance (ZWIA)

Jamie’s area of expertise lies within international best practices in Zero Waste, and internationally accepted Zero Waste policies and programs. Jamie works with fellow policy advisors to create strong, practical and enforceable policies that drive change towards Zero Waste.

With 27 years of active engagement in the waste diversion industry, Jamie has developed extensive experience in understanding how regional policies and bylaws affect the existing waste management system from the perspective of the service provider, the client, as well as the region as a whole.

As the lead policy advisor for Zero Waste Canada, and board member of the Zero Waste International Alliance (ZWIA), Jamie represents the primary reference point in the field of Zero Waste nationwide.
THE ZERO WASTE HIERARCHY

Highest & Best Use

JAMIE KAMINSKI
TRUE Advisor, ZWA
President, HSR Zero Waste & HSR Services
Policy Director, Zero Waste Canada (ZWC)
Board Member, Zero Waste International Alliance (ZWIA)
Zero Waste Definition

Zero Waste:

“The conservation of all resources by means of responsible production, consumption, reuse, and recovery of products, packaging, and materials without burning, and with no discharges to land, water, or air that threaten the environment or human health”

Zero Waste
International Alliance (ZWIA), 2018
Zero Waste Hierarchy 7.0

- Rethink/Redesign
- Reduce
- Reuse
- Recycle/Compost
- Material Recovery
- Residuals Management (Biological treatment and stabilized landfilling)
- Unacceptable (Incineration and "waste-to-energy")

Zero Waste
International Alliance (ZWIA), 2018
Zero Waste Hierarchy

HIGHEST AND BEST USE
Creating and keeping materials and products for a use as high on the hierarchy as possible and in the useful loop as long as possible. Keeping materials from being downcycled where the number of future uses or options are limited.

THE 14 GUIDING PRINCIPLES

• Highest and Best Use
• Closed Loop System
• Close to Source
• Conservation of Energy
• Local Economy
• Materials are Resources
• Minimize Discharges
• Opportunity Costs
• Precautionary Principle
• Polluter Pays
• Sustainable Systems
• Do Not Export Harm
• Engage the Community
• Information & Improvement
For every 1 tonne of waste you generate, 71 tonnes of industrial waste are generated before the product gets to you.

Institute of Local Self-Reliance (ILSR)
The Wasteberg

1. EXTRACTION
2. TRANSPORTATION
3. REFINERY
4. PROCESSING
5. PRODUCTION

6. DISTRIBUTION
7. STOCKING
8. PURCHASING
9. DISPOSAL
10. WASTE MANAGEMENT

71 TONNES -> 1 TONNE
The Wasteberg
Example | Surplus Food
Example | Surplus Food
Example | Wood Pallets
Recap


- Highest & Best Use: Works to avoid the entire system of production and consumption and the waste that goes along with it.

- Unacceptable: Destructive disposal of material, including but not limited to incineration & waste to energy systems.
THANK YOU!

jamie@zerowastecanada.ca  |  LinkedIn: Jamie Kaminski