

*Conseil canadien du*  
**Compost**

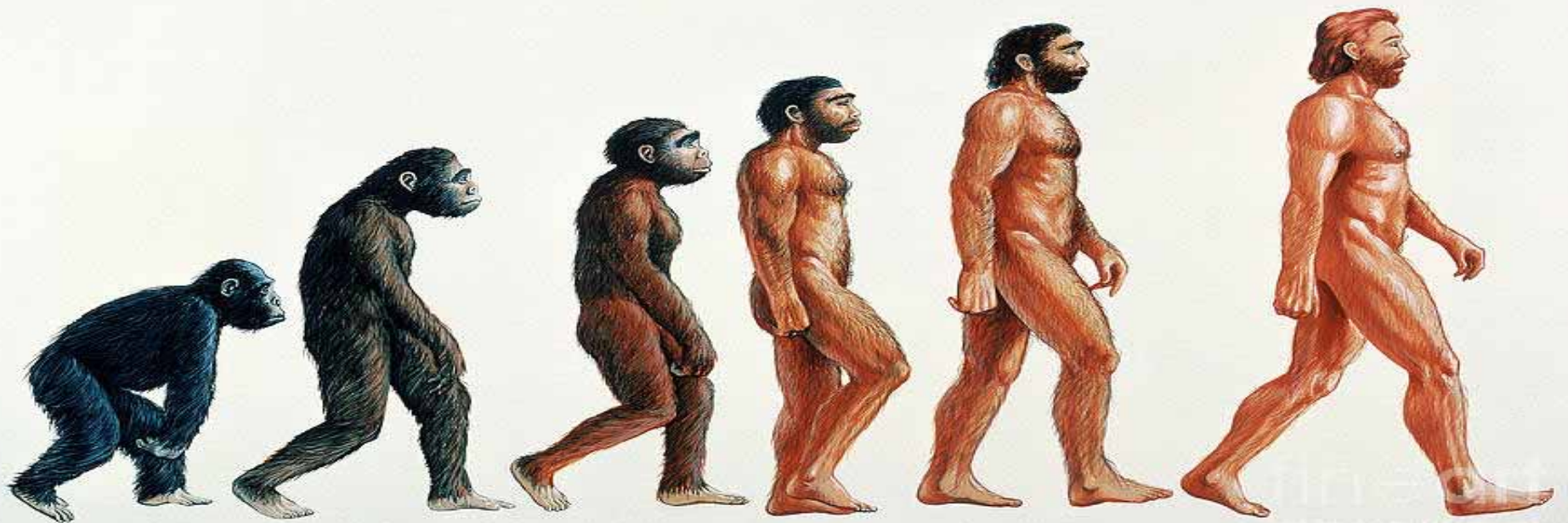
Council of Canada

Webinar series – Sept.3.14

*Love food, hate waste*

*Hélène St.Jacques*

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fine art america

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Residue of modern civilization

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# 3Rs



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Recycling takes off!



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Diversion's the answer!



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Shrinking capacity...more waste



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So much eatable food!



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# What (edible) food waste?

## CANADA

172 kg per capita p.a. (retail & consumer)

\$28 per wk/\$1,456 p.a. (average family)

1.2 – 2 billion tonnes p.a. (Statistics Canada)

\$27 billion p.a. (Value Chain Management Centre/ U of Guelph)

## INTERNATIONAL

95-115 kg/year per capita – consumer food waste (Europe & N. America)

1.3 billion tonnes per year (United Nations Food and Agriculture Organization )

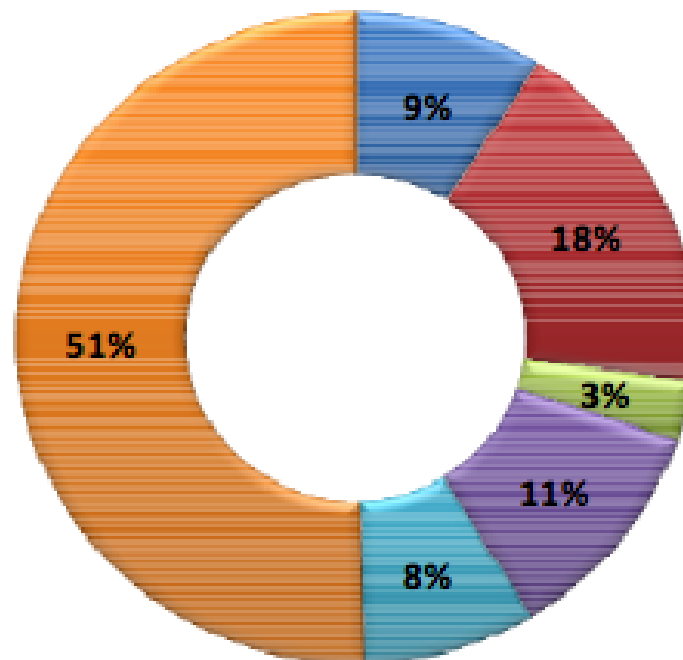
1.3 billion tonnes of food per year

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year tonnes of food per year

# Sources

- Field 9%
- Transportation / Distribution 3%
- Food Service / HRI 8%
- Packaging / Processing 18%
- Retail Stores 11%
- Home 51%



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# Toronto Audit

Toronto Residential Waste Audits (Weight) Item:	Multi-Family 2010-2011 %	Single-Family 2010 (Scarborough) %
Paper	24.2	28.3
Plastics	12.1	8.9
Metals	2.7	2.7
Glass	3.3	3.7
Household Special Waste	0.3	0.3
<b>Food Waste</b>	<b>32.9</b>	<b>33.5</b>
Other Organics	14.9	8.7
Other Materials	9.5	12.9



# York Region Audit

- Fruit & veg 55%
- Leftovers 32
- Plate scrapings 21
- Spoiled produce 8
- Past best before date 8
- Animal bones/meat 3

Audit: produce, meat/fish, dairy/eggs, cereals/grains, other UofG

a

Why?



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## UNAWARE/COGNITIVE BLINDSPOT

*On average, how many grocery bags of food that you buy each week do you end up throwing out?* Conference Board of Canada

2 bags (11%), 1 bag (23%), zero bags (66%)

LOW PRICES/HIGH VOLUME RETAIL & STORAGE

NO TIME /DEMAND CONVENIENCE

NO/LOW FOOD SKILLS

Studies: York Region, City of Guelph/UofGuelph

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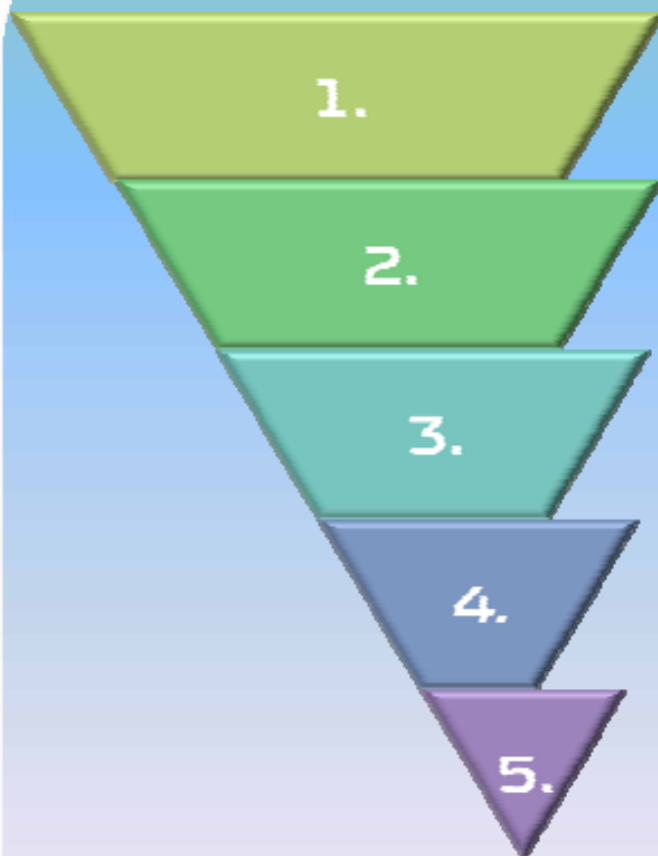
Yes for composting but.....



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# New food waste 5Rs

## WASTE REGULATIONS 2011 - WASTE HIERARCHY



- **REDUCE** what you can - if you can't reduce it then ...
- **RE-USE** what you can - if you can't re-use it then...
- **RECYCLE & COMPOST** what you can - some is then burned to...
- **CREATE ENERGY** for electricity or gas - the remainder is...
- **DISPOSED** of in landfill - this is the **LAST** option.

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## Shared problem ....

🍴 Local food advocates & farmers

🍴 Public health

🍴 Environmental (water, air & soil)

🍴 Food security orgs.

🍴 Faith groups

🍴 Educators, schools

🍴 Consumer groups

🍴 Corporate

🍴 Solid waste industry

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# New strategies

## Consumers:

*New skills*

*Shop smart - save \$28 per week*

*Unavoidable & avoidable waste?*

*Good for the planet*

## Supply Chain

*End label confusion*

*New retail practices*

*Your ideas.....*

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## The Tipping point?

“The moment of critical mass, the threshold, the boiling point...Ideas and products and messages and behaviors spread like viruses do.”

Malcolm Gladwell

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# *Thank you!*



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