

Conseil canadien du
Compost

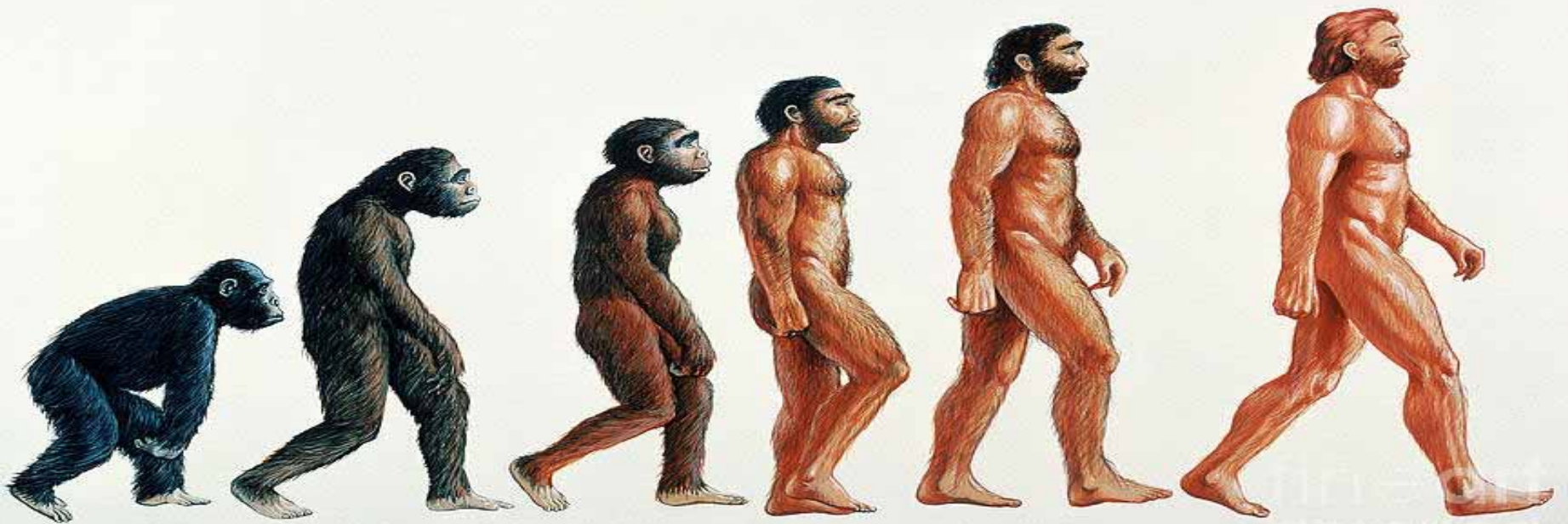
Council of Canada

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)

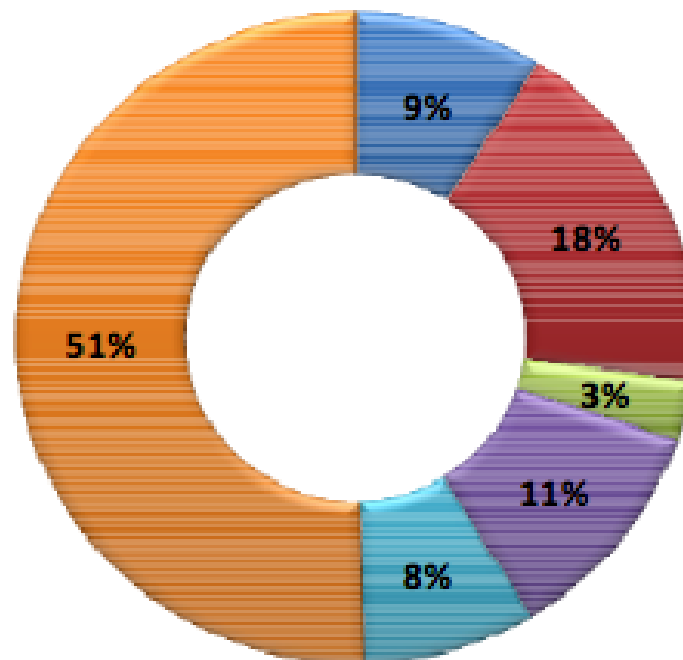
1.3 billion tonnes of food per year

1.3 billion tonnes of food per year

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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
Food Waste	32.9	33.5
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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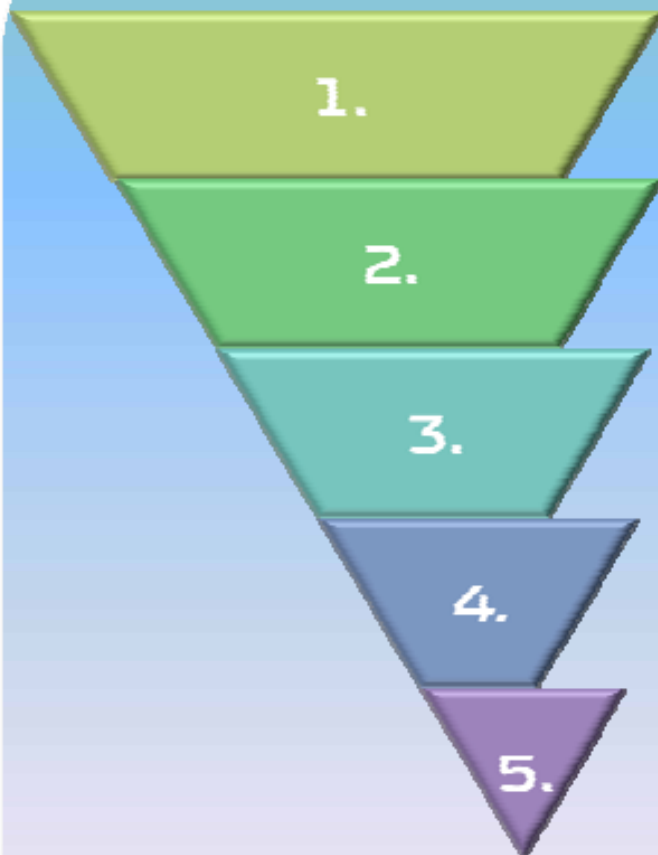
Yes for composting but.....



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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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