

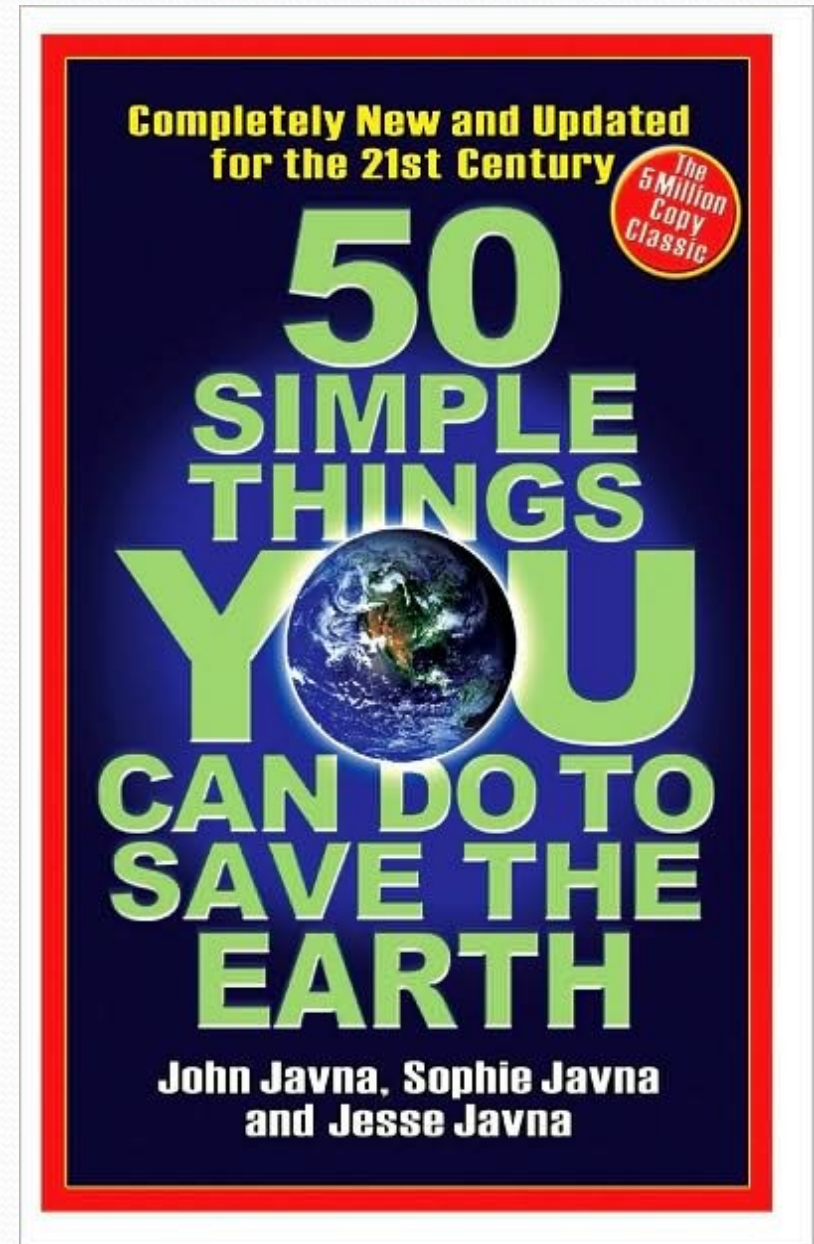


Tips and Transformations: Importance of Individual Actions

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Toxics Watch Society
PAMZ Ozone Workshop
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Introduction

- Individuals are important for their cumulative impacts



Conference Board of Canada (2005)

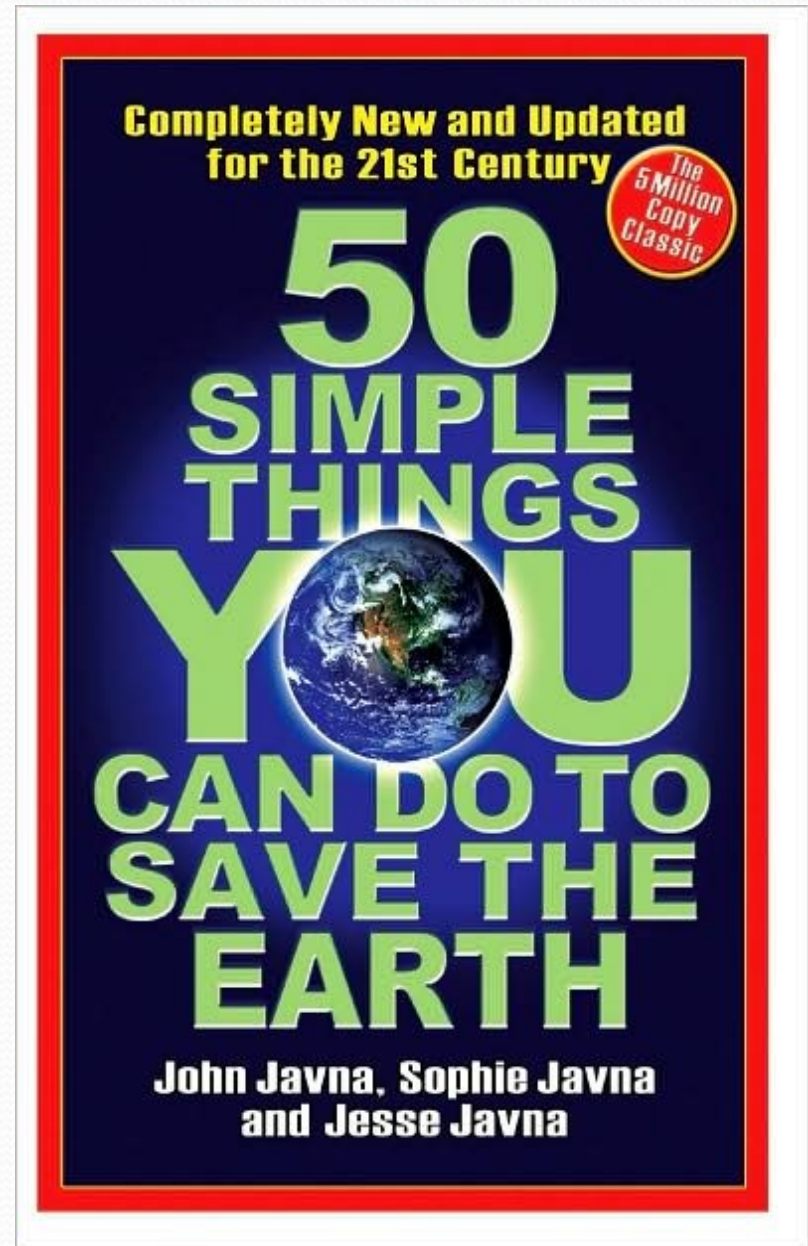
- 70 kilograms per capita VOCs
 - 17th out of 17 countries
- 75 kilograms per capita NO_x
 - 6th out of 17 countries

REPORT CARD		
VOC Emissions		
	1990s	2000s
Australia	B	B
Austria	A	A
Belgium	A	A
Canada	D	D
Denmark	A	A
Finland	B	B
France	B	A
Germany	A	A
Ireland	A	A
Italy	B	A
Japan	A	A
Netherlands	A	A
Norway	D	D
Sweden	B	A
Switzerland	A	A
U.K.	B	A
U.S.	D	C

Source: The Conference Board of Canada.

Underlying Ideas

- Be cumulative in 2 ways:
 - Personally additive
 - Additive persons
- Continuous improvement



Why continuously improve?

- Our population is growing
- The numbers we use are a compromise

... they may not be fully protective and may need to be re-visited at some future date. (CCME 2000)

- Health effects probable at current levels (WHO 2005)

General Activity Areas

- The way we move (transportation)
- The way we live (household operations)
- Consumption patterns (stuff)

General Tips

- Any activity that:
 - Uses fossil fuels, especially using them inefficiently or unnecessarily
 - Uses fossil fuel generated electricity, especially using it inefficiently or unnecessarily
- Use of anything that comes from very far away
- Use of VOC containing products

Mobility

- Choose fuel efficient vehicles



Mobility

- Choose fuel efficient vehicles
- Keep them working



Mobility

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- Seek alternatives



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Is it necessary?

- 1 hour = 350 miles
- 1 hour = 650 miles



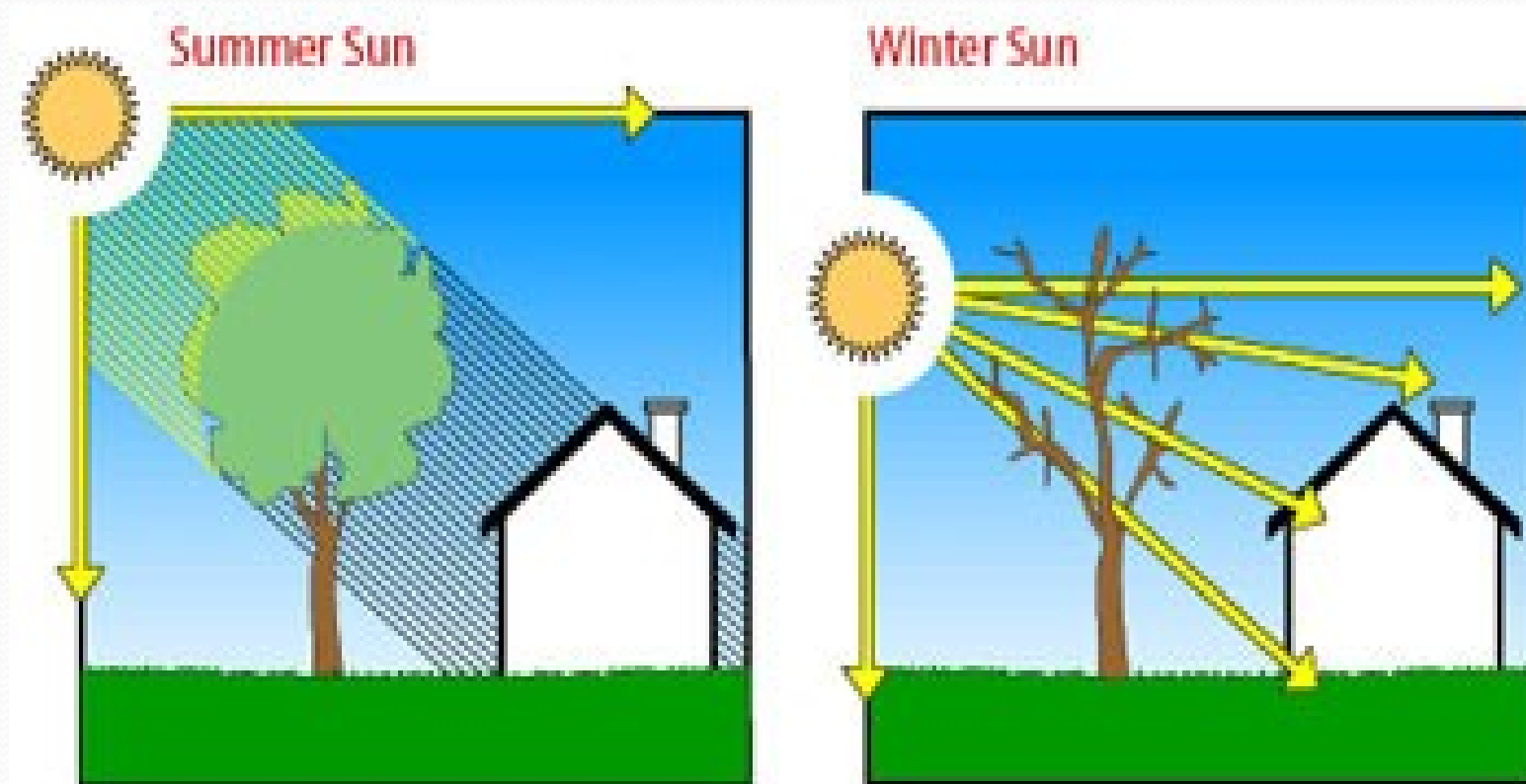
Is it necessary?



Is it necessary?



Is it beneficial?



Is it beneficial?



Energy (Electricity) Efficiency

- Join the efficiency revolution!

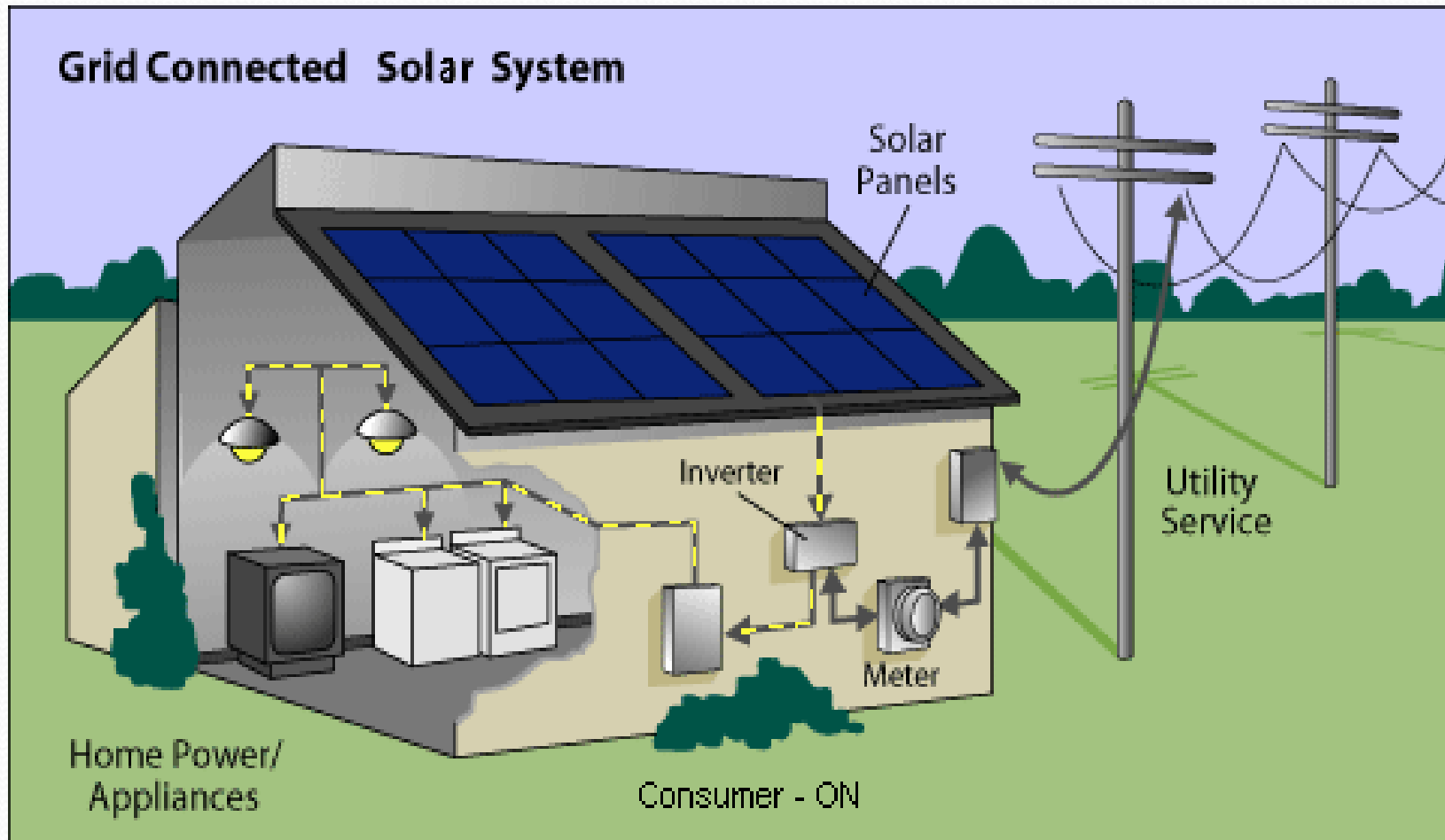


Energy (Electricity) Efficiency

- Join the efficiency revolution!



Produce your own



Being Ozone Aware

- Take the small steps when you see them
 - Every avoided kilometre/kilowatt counts
 - Incremental improvements in environmental performance
 - Support “additive persons” approach
- Plan to take the big steps when you can
 - Large gains in efficiency
 - Be “personally additive”

Just how far can an Alberta individual go?



How far can one go?

- NAIT Instructors with 2 sons
- Car-free
- Human scale neighborhood
- Net Zero Energy House
- Edible Landscaped Yard
- www.greenedmonton.ca

Summary

Be Ozone Aware/Every avoided kilometre/kilowatt counts

Continuously Improve

- Take the small steps when you see them
- Plan to take the big steps when you can

Be cumulative



Thank-you

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