Acting on Climate change



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Sustainable Canada Dialogues





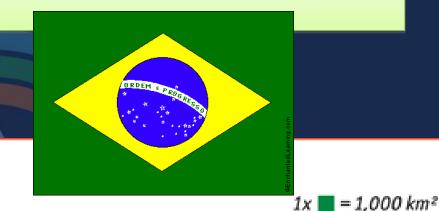


WHY DEFORESTATION?



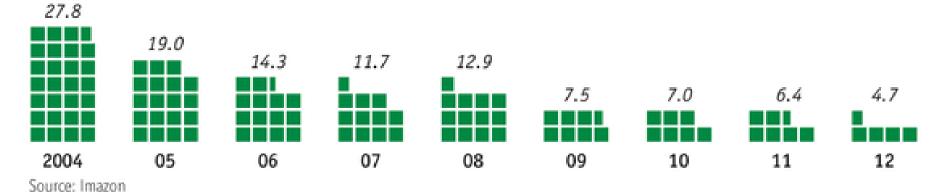


Commitment to reduce deforestation by 80% for 2020!



Can't see the deforestation for the trees

Annual deforestation in the Brazilian Amazon, '000 km²

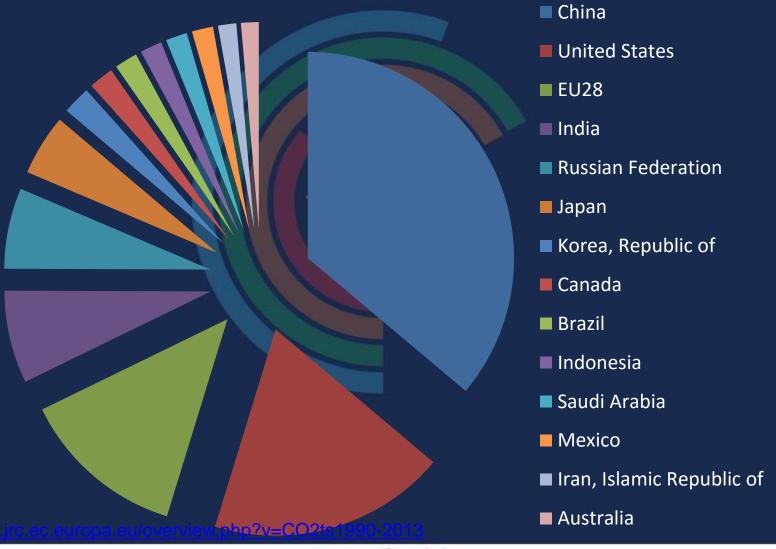


- -The economist, Sept 14th 2013
- -http://www.obt.inpe.br/prodes/index.php





The Largest Emitters in 2013







U.S.-China Joint Announcement on Climate Change and Clean Energy Cooperation



- New target for the USA: -26-28% of 2005 in 2025
- China: Peak in CO₂ emissions ~2030 and increase in renewable energy use by 20% for 2030







Sept

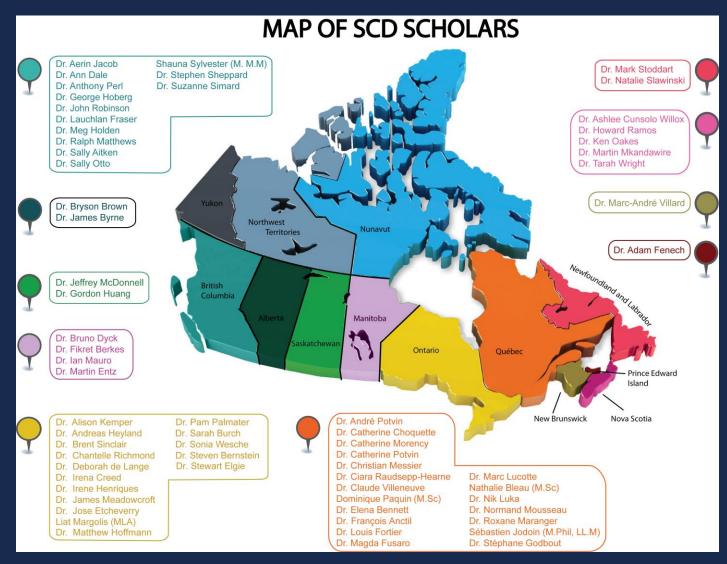
Canada's place in global cleantech markets



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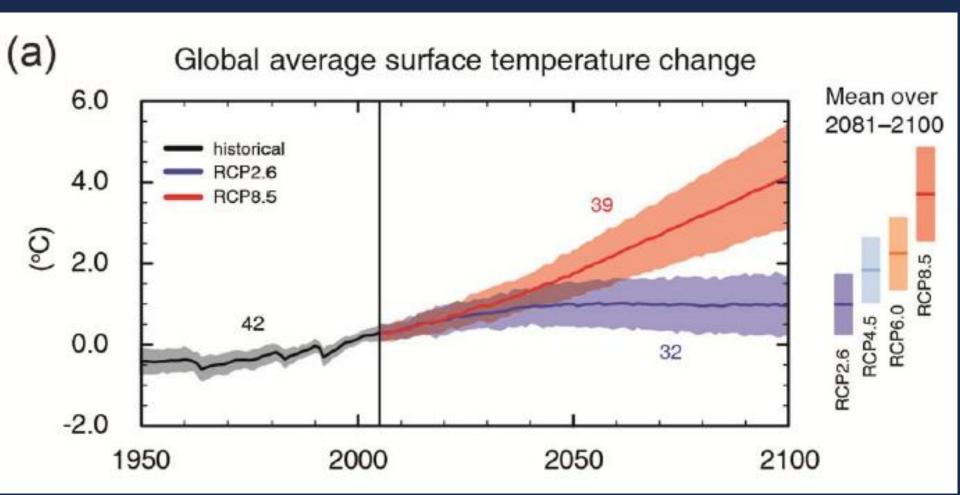




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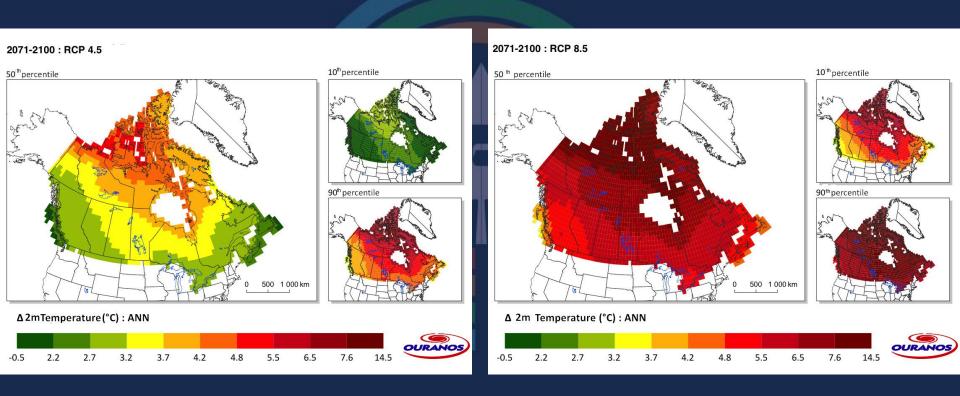
Executive Summary Figure SPM7







Climate change scenarios over the next 100 years according to 2 IPCC scenarios



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CIMATE CHANGE

Solutions from Canadian Scholars











Association francophone pour le savoir

Acfas

10 KEYS TOWARD A LOW-CARBON SUSTAINABLE CANADA - 28 % EMISSIONS 100% LOW-CARBON -80% EMISSIONS REDUCTION IN 2025 **ELECTRICITY IN 2035** REDUCTION IN 2050 Put a price on carbon Include aggressive goals for low-carbon electricity production in the federal and provincial climate action plans Integrate the oil and gas production sector in climate policies Adopt a multi-level energy policy with energy efficiency and cooperation in electrification at its core Throughout Canada, rapidly adopt low-carbon transportation strategies Integrate landscape planning with land use, transportation and energy infrastructure planning policies at multiple scales (building, neighbourhood and region) to ensure climate change mitigation Support evolution of the building sector toward a carbon neutral or carbon positive sector Safeguard biodiversity and water quality during Canada's transition to a low-carbon society, while aiming for net positive approaches when possible Support sustainable fisheries, forestry and agricultural practices that offer opportunities to not only limit GHG emissions but also, where possible, enhance carbon sequestration while protecting biological diversity and water quality 10 Facilitate the transition to a low-carbon sustainable society through the implementation of more participatory and open governance institutions





The Contributors



































Regroupement national des conseils régionaux de l'environnement





















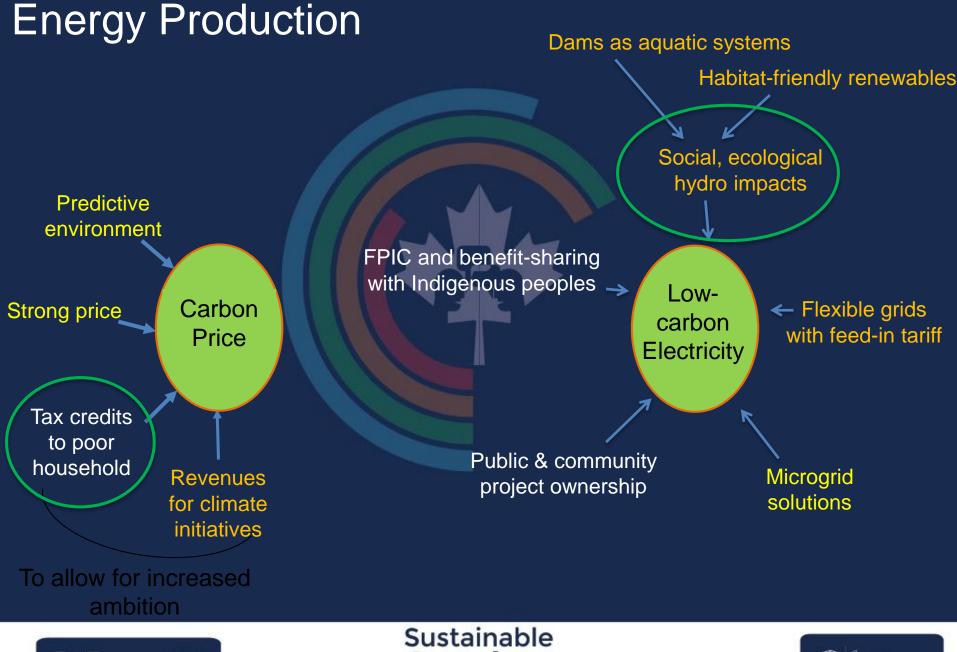


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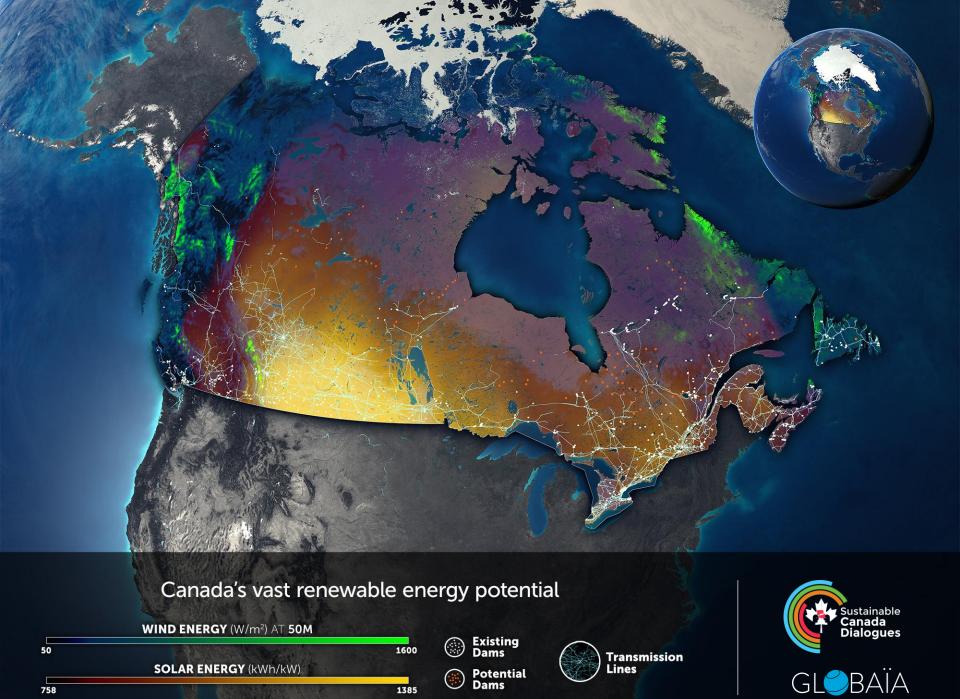






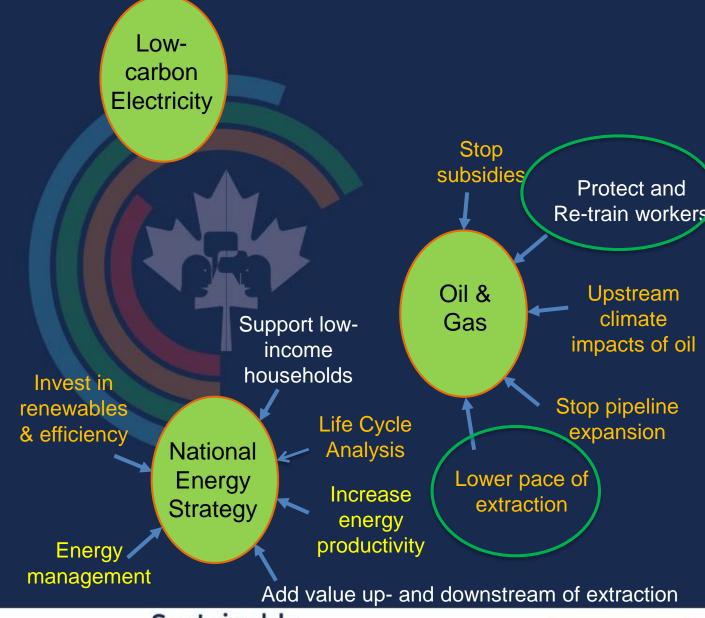






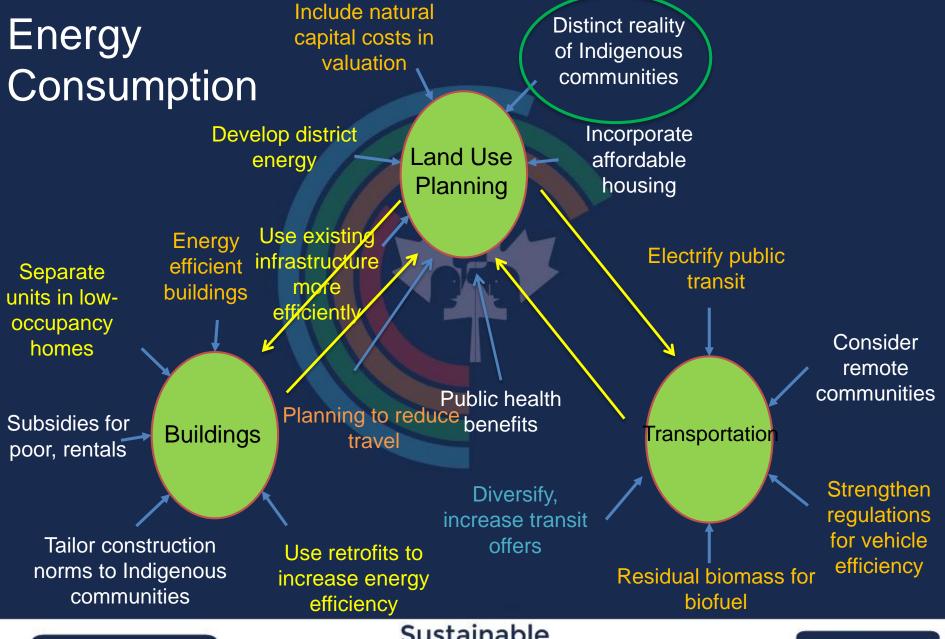
Energy Production

















- Estimate
- Reduce
- Offset
- Think outside the box







New ways/Old ways:

- -Uber like apps for rides
- -Car sharing/pooling
- -Fruit, bread, milk truck

(1990-2007)

- Energy efficiency improved 29 %
- Energy use increased 7 percent.
- Number of households increased 31 %
- Average Canadian home became 10 % larger

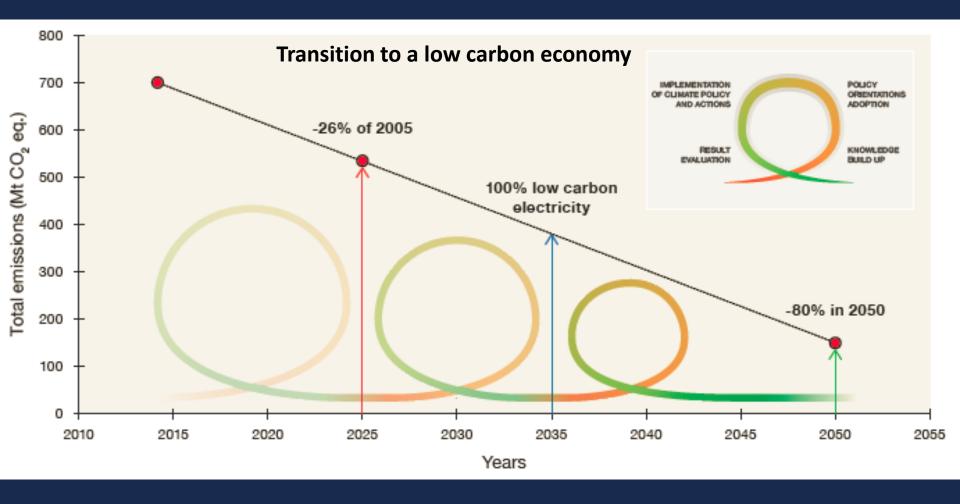
(2015-onward...)

Small is beautiful!









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Acting on Climate Change: Indigenous Initiatives



T'souke Nation, Vancouver Island





Climate Action building on the desire of Canadians

