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The Sustainable Energy Initiative:
Training Leaders and Conducting Research on Renewable Energy, District Energy, Integration, Conservation and Efficiency

Challenge what is. Imagine what could be.

Jose Etcheverry PhD



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SEI Context:

International Renewable Energy Agency (2011)

➤ 148 member nations

Member States



States that signed & ratified IRENA's statute





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SEI Context: The Ontario Green Energy Act

Green Energy Act

http://www.greenenergyact.ca/

Getting Started Latest Headlines

Ontario Green Energy Act

about green energy
green energy act
about us
get involved!
news and events
green energy dictionary

If everyone in Ontario embraced renewable energy...
and installed a 2 kilowatt solar panel the size of their arm span
we could meet all our electricity requirements and drastically reduce our CO₂ emissions

Green Energy Action
Join the Green Energy Action Team
Help us build a cleaner greener future.

YORK

www.greenenergyact.ca



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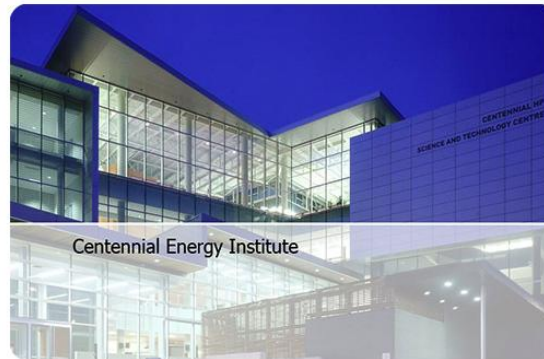
Sustainable Energy Initiative (SEI)

York University + Centennial College +
Kortright Center = SEI



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the future needs our energy




Centennial Energy Institute

**Kortright
Center: Moving
Toward a
Vision for**

The quality of life on Earth is being determined in rapidly expanding city regions. Our vision is for a new kind of community, The Living City, where human settlement can flourish forever as part of nature's beauty and diversity.

the living city

Toronto and Region Conservation  for The Living City

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SEI International Partners: Germany



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Hochschule Offenburg
University of Applied Sciences

Hochschule für Technik Stuttgart

zafh.net - Centre for Sustainable Energy Technology

zafh.net

Centre for Sustainable Energy
Technologies

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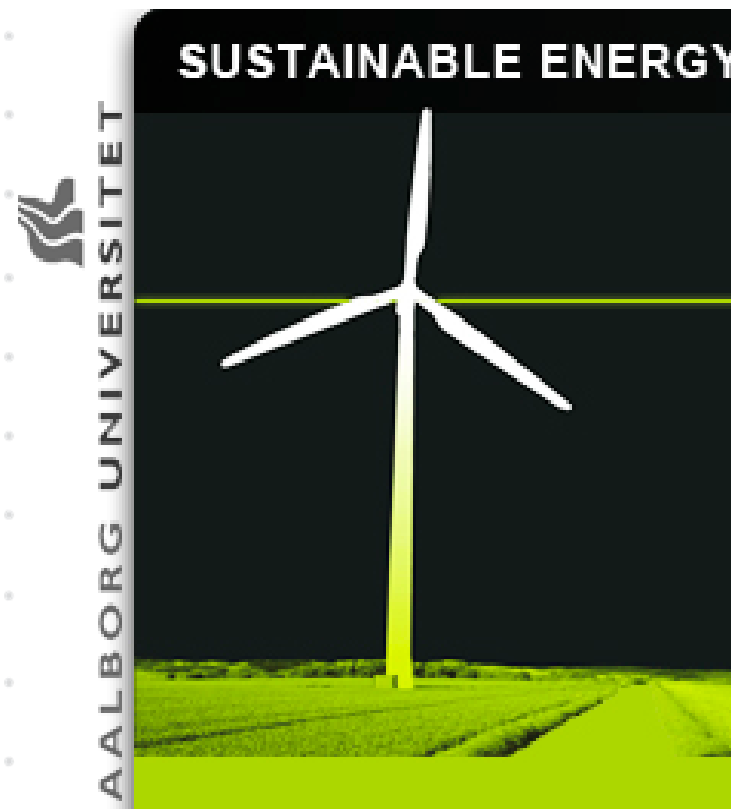


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SEI International Partners: Denmark



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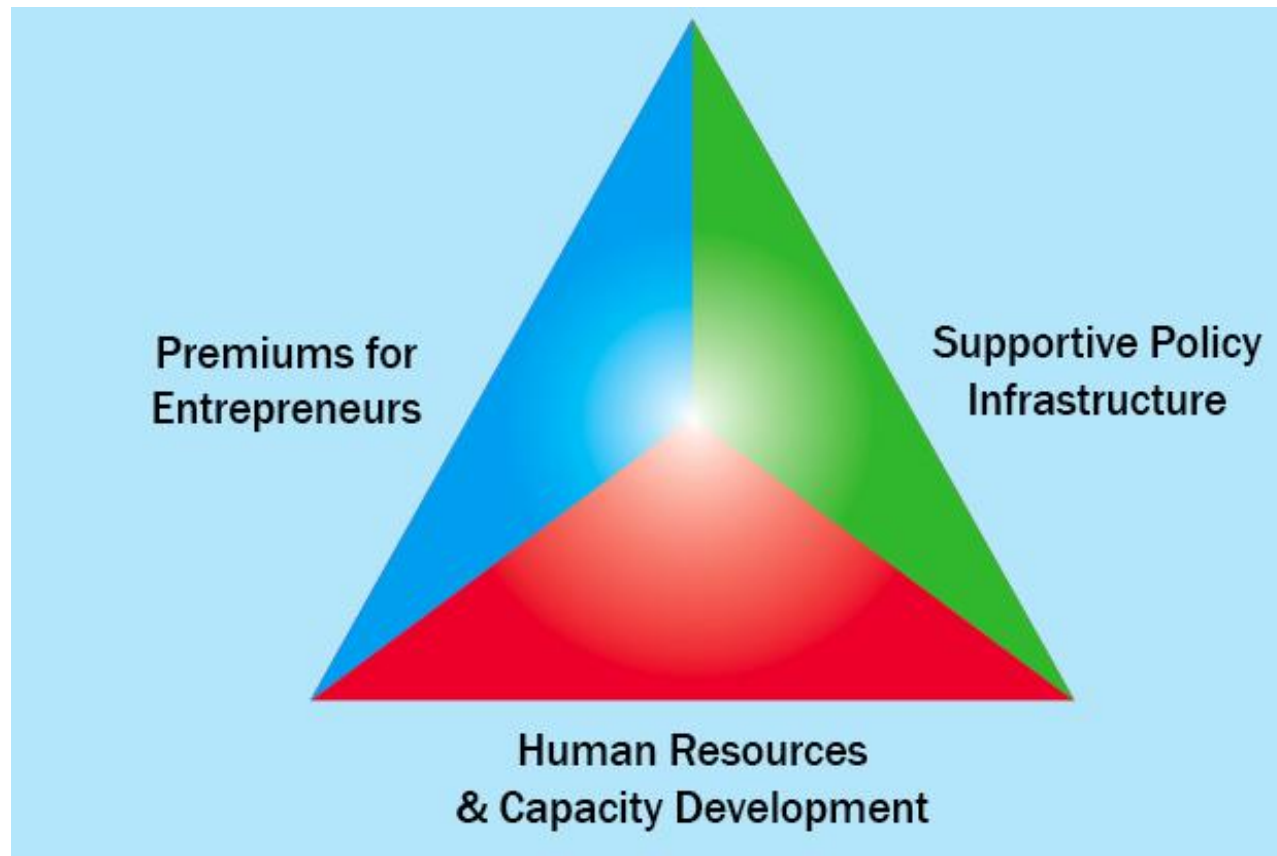
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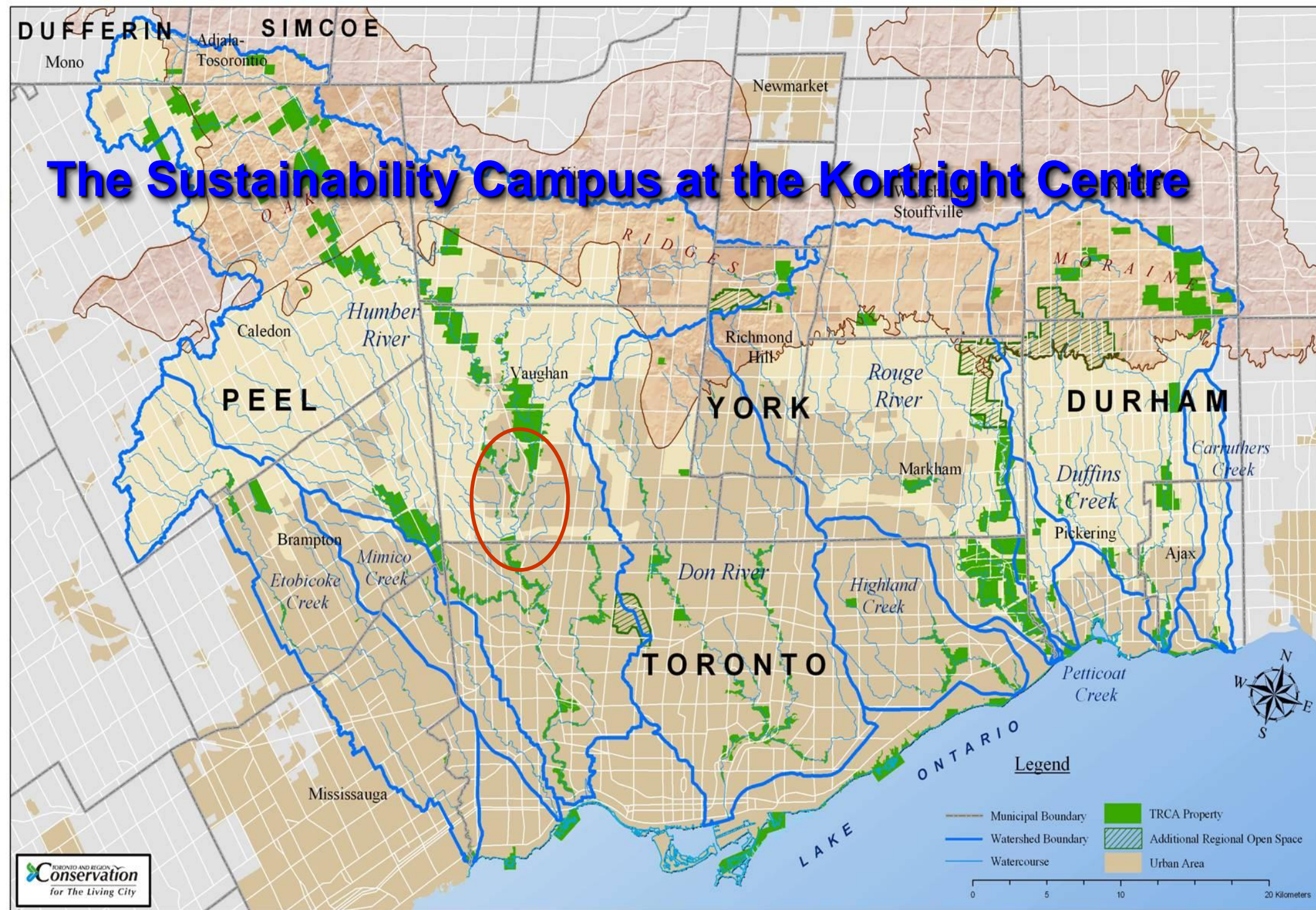
Key Areas Covered by All World RE/SE Leaders



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The Sustainability Campus at the Kortright Centre



The Living City Campus



Training Future Renewable Energy (RE) Leaders



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Training Future RE Leaders



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Practical Training on Sustainability



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Practical Training on Sustainability



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Practical Training on Sustainability



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Markham Project: Training Future RE Leaders



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Key SEI Research Areas

- Renewable Energy Policy
- Integration of Renewables, CHP, District Energy, Smart Grids
- Conservation and Efficiency Strategies
- Community Energy Planning
- New communications
- Education and training

Ontario's Road Map for RE:



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The cover of the report features three photographs: wind turbines on a hill, a hydroelectric dam, and solar panels on a building. The text on the cover includes the title, subtitle, authors, and logos for the Toronto and Region Conservation Authority and York University.

**Ontario's
Road Map to
Prosperity:**

Developing Renewable
Energy to its Full Potential

Final Report Submitted
to the Toronto and
Region Conservation Authority

by
José Etcheverry PhD
Lynda O'Malley
Jennifer Taylor

TORONTO AND REGION
Conservation
For The Living City

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Dr. Dieter Salomon



MIGUEL DE LA TORRE RODRIGUEZ,



HUGO LUCAS PORTA



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SEI 2011 Goals:

1. OBW

2. RETSCREEN



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Germany's Masdar: Freiburg and the Vauban



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Dr. Dieter Salomon



Photo Credits: Wikipedia and City of Freiburg

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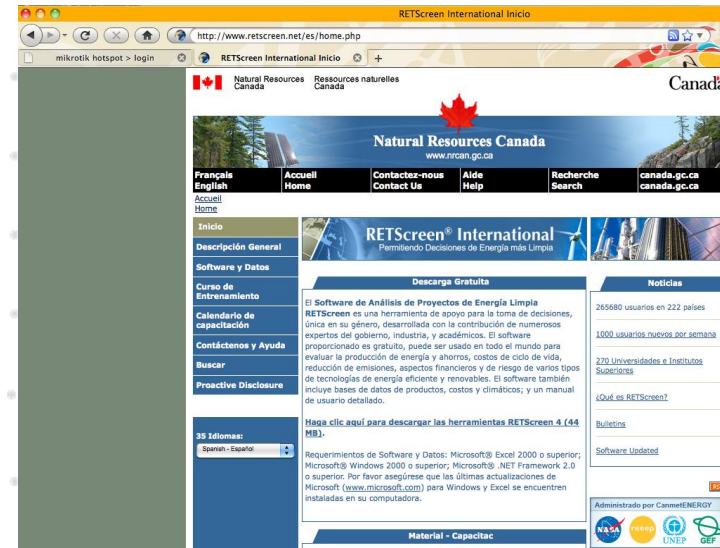




York U/RETScreen Lab

Canada 

Français	English		
فیبیرعلا	বাংলা	Български	中文
Hrvatski	Česky	Dansk	Nederlands
مجراب	Suomi	Deutsch	Ελληνικά
हिन्दी	Magyar	Bahasa Indonesia	Italiano
日本語	한국어	Polski	Português
Română	Русский	Srpski	Español
Kiswahili	Svenska	Tagalog	తెలుగు
ภาษาไทย	Türkçe	українська мова	ودرا
tiếng Việt			



Present and future generations deserve a better present and a sustainable future



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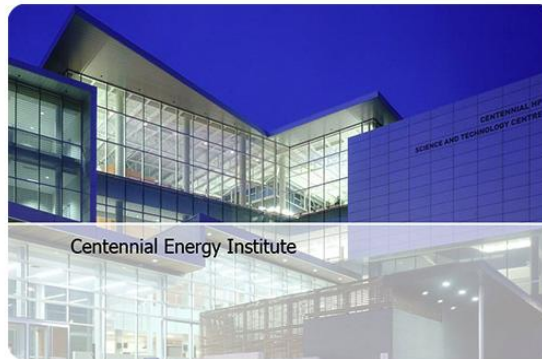
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Thank you and please stay in touch...



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