



Natural Resources  
Canada

Ressources naturelles  
Canada

C E T C

CANMET ENERGY TECHNOLOGY CENTRE

RETScreen® INTERNATIONAL

[www.retscreen.net](http://www.retscreen.net)

# RETScreen® Version 4 New Energy Efficiency Model

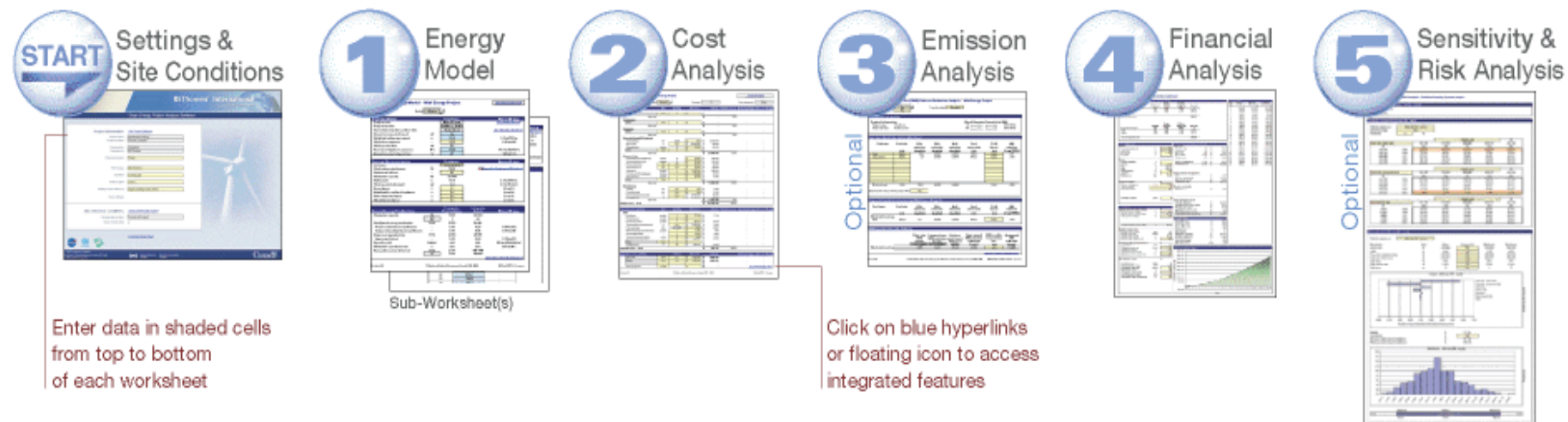
CLEAN ENERGY TECHNOLOGIES

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RETScreen International  
March 5, 2007  
Montreal, Canada

Canada 



## Five Step Standard Analysis



Ready to make **a decision**

## Integrated Features

**Climate Data**

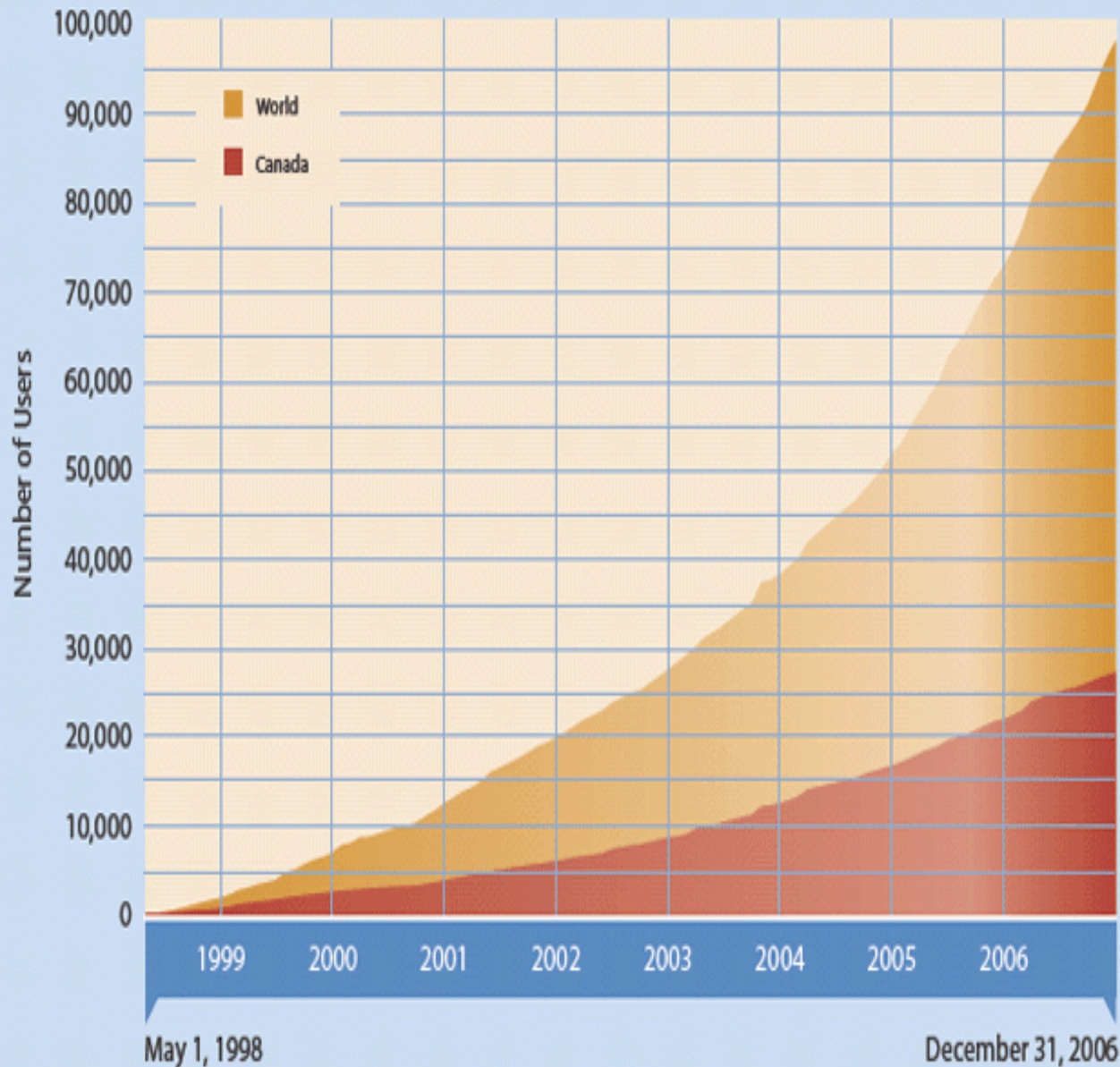
**Product Data**

**Online Manual**

**Tools**

- Distance Learning Course
- Training Material
- Engineering Textbook
- Case Studies
- Marketplace & Maps

# RETScreen Software: Cumulative Growth of User Base



98,013 users worldwide  
from 217 countries

Growing at 450 users  
every week

## Top Twenty Countries

1	Canada	27,255
2	USA	12,678
3	France	10,796
4	United Kingdom	4,532
5	Italy	4,042
6	Spain	3,559
7	Australia	1,913
8	Germany	1,740
9	Belgium	1,596
10	Greece	1,487
11	India	1,465
12	Portugal	1,441
13	Brazil	1,013
14	Ireland	1,012
15	Mexico	813
16	Romania	643
17	Netherlands	625
18	Switzerland	615
19	Poland	581
20	Argentina	569

As of December 31, 2006

# Future Directions - RETScreen Version 4

- In partnership with NASA & REEEP, and building on previous developments with UNEP/GEF and the World Bank, NRCan is:
  - Developing new RETScreen models to evaluate various **energy efficiency (EE) measures** (e.g. heating, cooling, ventilation and lighting) for residential, commercial & institutional buildings, and for industrial facilities & processes
  - Integrating existing RETScreen RE & cogeneration models, plus new EE models into **one software file** & adding emerging RE technologies, such as wave & ocean current power
  - Expanding the **climate database to 4,700 ground-stations & integrating NASA Satellite Dataset** within the software to cover populated areas across the entire surface of planet
  - Building a new **project database** into the tool, and updating & expanding the product & cost databases
  - Translating software into **21 languages** that cover 2/3 of the world's population
  - Disseminating the software to more than **300,000 users by the end of 2012**, via the Internet & CD-ROM, plus through key stakeholders & an international network of RETScreen trainers



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Canada



renewable  
energy  
& energy  
efficiency  
partnership



Canada