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# *Benchmark Analysis with RETScreen<sup>®</sup> Expert*

## Clean Energy Management Software

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**CanmetENERGY**

*Leadership in ecoInnovation*



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# RETScreen Overview

- World's leading clean energy decision-making software
  - Benchmark, feasibility, performance and portfolio analysis
  - Energy efficiency, heating and cooling, power generation and cogeneration
  - Renewable energy and conventional fuels
  - Residential and commercial/institutional buildings and industrial facilities
  - 36 languages covering 2/3<sup>rd</sup>s world's population

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# RETScreen Overview

- Empowering cleaner energy decisions worldwide
  - 575,000+ users in all countries, growing at 50,000+ new users per year
  - 1000+ universities & colleges use for teaching & research
  - Well over \$8 billion in direct user savings since 1998
- Developed & financially supported by the Government of Canada, key partners & subscribing customers
- Next generation, *RETScreen Expert*, released September 2016

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# Why Benchmark?

- Energy benchmarking helps designers, facility operators, managers, and senior decision makers quickly gauge a facility's energy performance.
- Allows you to estimate the expected energy consumption or production (compared to reference facilities) and get an idea of the scope for improvements.





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Getting started - Options

Virtual energy analyzer

Analysis type - Worksheets

Benchmark

Feasibility

Performance

All

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Workflow



Facility types

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Buildings and factories

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Residential

Agricultural

User-defined

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User manual

Databases

Product data

Cost data

Benchmark data

Climate Data

Weather data

Dashboard

Managed by: CanmetENERGY Varennes Research Centre

In collaboration with:

