Winnipeg RETScreen® Training Workshop

WADE CANADA

Date	Wednesday & Thursday September 29 & 30, 2010
Location	Industrial Technology Centre 200-78 Innovation Drive Winnipeg, Manitoba R3T 6C2

ABOUT

WADE Canada is offering a RETScreen® version 4 Training Workshop to increase the implementation of efficient renewable energy systems in Manitoba. This intermediate-level RETScreen® training session is a component of WADE Canada's DE certification program.

An experienced RETScreen® trainer will review the best practices for evaluating clean energy projects using RETScreen® version 4 for anyone wishing to reduce costs (both financial and time) associated with identifying and assessing potential energy projects. These costs, which arise at the pre-feasibility, feasibility, development, and engineering stages, can be substantial barriers to the deployment of Renewable-energy and Energy-efficient Technologies (RETs).

Companies, small businesses, institutions and individuals will be able to evaluate energy production, life-cycle costs and greenhouse gas emissions reduction for a clean energy solution to their energy costs.

Our training package includes two days of training and a DE installation tour (Urban Ecology Project).

Dr. Frans Diepstraten, an expert in energy efficiency, sustainable energy and greenhouse gas emission reduction projects, will be leading the training workshop. For his biography please see 'Our Trainer' page.

Cover page photos courtesy of the **City of Winnipeg** "Skateboard Plaza" and **Canadian Mortgage Housing Corporation** "EQuilbrium House"

SCHEDULE

Wednesday, September 29

9:00 Course overview
9:15 Introduction to prefeasibility analysis with RETScreen®
10:00 Brief introduction to wind energy projects*
10:30 Demonstration of use of RETScreen® for a wind energy project
12:00 Lunch
1:00 Hands-on case study: wind energy project*
2:30 Discussion of results from hands-on wind energy project case study
3:30 DE Installation Tour: Urban Ecology Project (see Winnipeg page)

Thursday, September 30

9:00 Financial analysis and GHG analysis with RETScreen®
10:00 Brief introduction to photovoltaic energy projects
10:20 Hands-on case study: photovoltaic energy project
11:45 Discussion of photovoltaic energy project results
12:00 Lunch
1:00 Brief introduction to combined heat and power projects
1:20 Hands-on case study: combined heat and power project
2:30 Discussion of combined heat and power project results
3:00 Brief introduction to industrial energy efficiency with RETScreen®
3:30 Discussion of industrial energy efficiency project results

Please note:

*Dependent upon the participants' level of experience, interest and session progress, the tentative schedule will be subject to change in order to accommodate participants' needs. Technologies listed (i.e. wind) may change depending on participant response. An updated schedule will be sent prior to session.

FORM & REGISTRATION

Participants should come with RETScreen® version 4 installed on their laptops. To download the software free of charge, please **click here**.

This is an intermediate-level workshop for energy professionals with an introductory knowledge of RETScreen® Version 4.
Registrants for this Intermediate-Level Session **click here** to complete the Participant Interest Form.

For those interested in attending future RETScreen sessions, help us to customise our sessions to match your needs by **clicking here** to complete the Participant Interest Form.

There are three levels of registration, please indicate which option you would like. Breakfast and lunch will be provided on both days of training.
Note fees are according to members and non-members of WADE Canada, and include GST.

	Member	**Non-Member**
Full training package:	$595.00	$725.00

Please note available spaces are limited.

To register for this workshop, please click here.

OUR TRAINER

Dr. Frans Diepstraten has nineteen years of consulting experience in energy efficiency, sustainable energy and greenhouse gas emission reduction projects, in national and international contexts.

Frans has gained experience with the design and implementation of energy management and benchmarking programs in many different branches of industry. He has performed and managed energy audits of buildings and manufacturing facilities, feasibility studies for renewable energy technology, and distributed energy supply concepts for residential and light industrial areas.

Frans is well-versed in provincial and federal regulations regarding emissions of greenhouse gasses, and has supported and managed the verification of greenhouse gas baseline applications and regulatory compliance documents, as well as the development of greenhouse gas emission management plans for industrial facilities. Through various working groups Frans contributed to the development of regulations regarding carbon credits. Frans was the Vice-Chair of the Alberta Energy Efficiency Alliance in 2008-2009.

Frans has a PhD in Chemistry from the University of Utrecht, The Netherlands, where he wrote his thesis on the development of the exergy concept and its application in energy efficiency analysis and design of energy conversion systems.

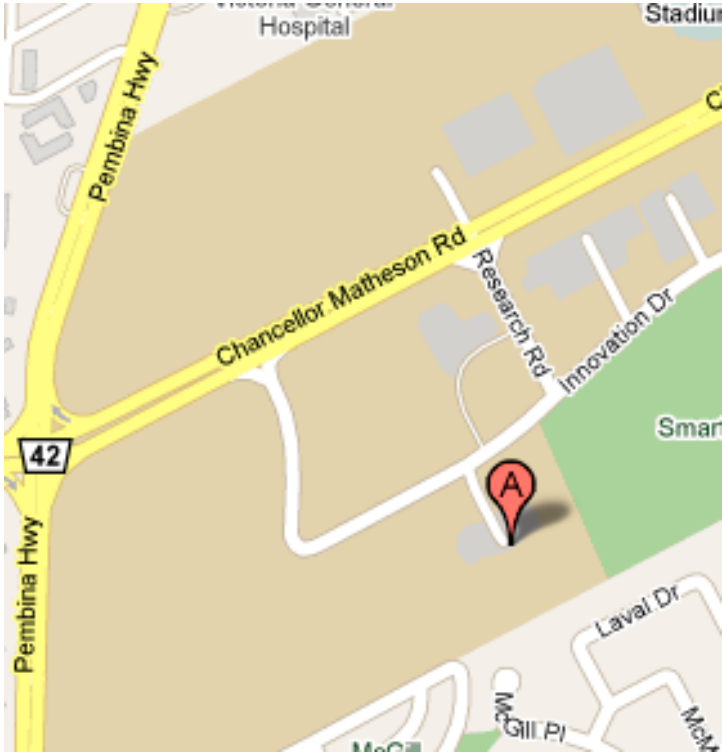
WINNIPEG

WADE CANADA

Winnipeg sits at the meeting of historic Red and Assiniboine Rivers where abundant hydro-electric and wind power, year-round sunshine and a magnificent urban forest . Guided by an innovative new integrated community sustainability plan, Winnipeg is making continued progress on sustainability. The City is protecting and celebrating their special natural areas including tall grass prairie, aspen and riverbottom forests; planning for responsible use of resources; and, with strong community participation, taking action on environmental, economic and community priorities.

Participants will tour the Urban Ecology Project, developed by Winnipeg Housing Rehabilitation Corporation (WHRC).
The project is one of the winning entries in the Canada Mortgage and housing Corporation (CMHC) EQuilibrium™ Sustainable Housing Demonstration Initiative. The tour will show how the home has home that features a healthy indoor environment, renewable energy generation, energy efficiency, low environmental impact, significant resource conservation, and affordability considerations. For more information, please **click here**.

Where



Accommodation

4 Points Sheraton Hotel (4 stars)
2935 Pembina Highway, Winnipeg
R3T 2H5, 204.275.7711

Holiday Inn, Winnipeg South
1330 Pembina Highway
R3T 2B4, 204.452.4747

Best Western Pembina Inn & Suites (4 stars)
1714 Pembina Highway, Winnipeg
R3T 2G2, 204.269.8888