

# **Environmental Service Professionals Directory Report**

**Kyle Pinto  
March 31<sup>st</sup>, 2009**



**Laurier Students Public Interest Research Group**

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## **1.0 Introduction**

This Environmental Directory was possible thanks to the support of LSPIRG and their Research Grant. I would also like to thank Sustainable Waterloo for the support they provided me with. Members from both of these organizations provided me with continual support and constructive feedback throughout the process. This report will outline the process behind, purpose of, trends in, and recommendations for, this directory.

## **2.0 Directory Process**

To compile a list of all companies that would be in the directory I had to first create fields and categories I felt that would be of use to those using the directory. At first my categories were broad and vague as I only had an idea of what kind of services would be useful to the companies seeking services in this directory. After these categories were created I created a master list of all companies in the Waterloo Region that offered these services, I also included other companies that did not fall into the categories I had created, but offered environmental services I thought may be of use. To locate all of these companies I used a variety of city, industry and other organization directories. Additionally, I was able to use Sustainable Waterloo's resources as they had a list of environmental service professionals they were currently dealing with.

After this list was created I then went through and starting putting companies into categories in my excel workbook, respectively. I found that the companies I had included in the list that did not fit into existing categories could often be grouped with other similar organizations and I created new categories for them. I continued to research companies in the area and place them into their respective groups. Once I felt I had found all the relevant environment service professionals in the Region I generated categories to break down each companies information. These were Name, Location, Strengths and Services, Contact Information, and Contacts. To find all of this information I used the directories and companies websites to find information such as phone numbers, email information, services offered and addresses.

Throughout this process I realized that many of these companies offered a number of services and that they could fit into a number of groups not just one. I then created a matrix of all the companies and the services they offered and organized them into their respective groups.

I then got the document edited Sustainable Waterloo's CO2 Reporting Manager who gave me some very constructive feedback. He suggested creating new categories such as Impact Assessment Planning and recommended I remove some redundant ones such as Environmental Engineers. I got more feedback from Sustainable Waterloo's Executive Director when he got a request regarding GHG inventories and added that final category. Organizations that have requested to be a part of the directory have also been included.

### **3.0 Directory Purpose**

This Directory was created to promote collaboration amongst the community, particularly between businesses and environmental service professionals. This will be accomplished through incorporating the directory into Sustainable Waterloo's Service Offering.

Sustainable Waterloo is a not-for-profit organization that guides corporations in Waterloo Region towards a more environmentally sustainable future by facilitating collaboration between industry, local government, educational institutions, and non-governmental organizations.

To achieve this, Sustainable Waterloo is focused on what we call the CO<sub>2</sub> Initiative: the development of and corporate commitment to a measurable and realistic regional carbon dioxide emission CO<sub>2</sub> reduction target to which companies ("Pledging Partners") will voluntarily abide.

The Environmental Professional Directory is a database, that, when used by Sustainable Waterloo, will serve as a tool to help Pledging Partners of The CO<sub>2</sub> Initiative reach their targets. This directory provides these companies with lists of environmental service professionals as well as their contact information and strengths and services. Through this directory Sustainable Waterloo then aims to facilitate collaboration between industry and environmental professionals and bring together the business community.

With these professionals broken down into different groups in the directory, companies can find the services they require to reduce their CO<sub>2</sub> emissions with ease. These groups

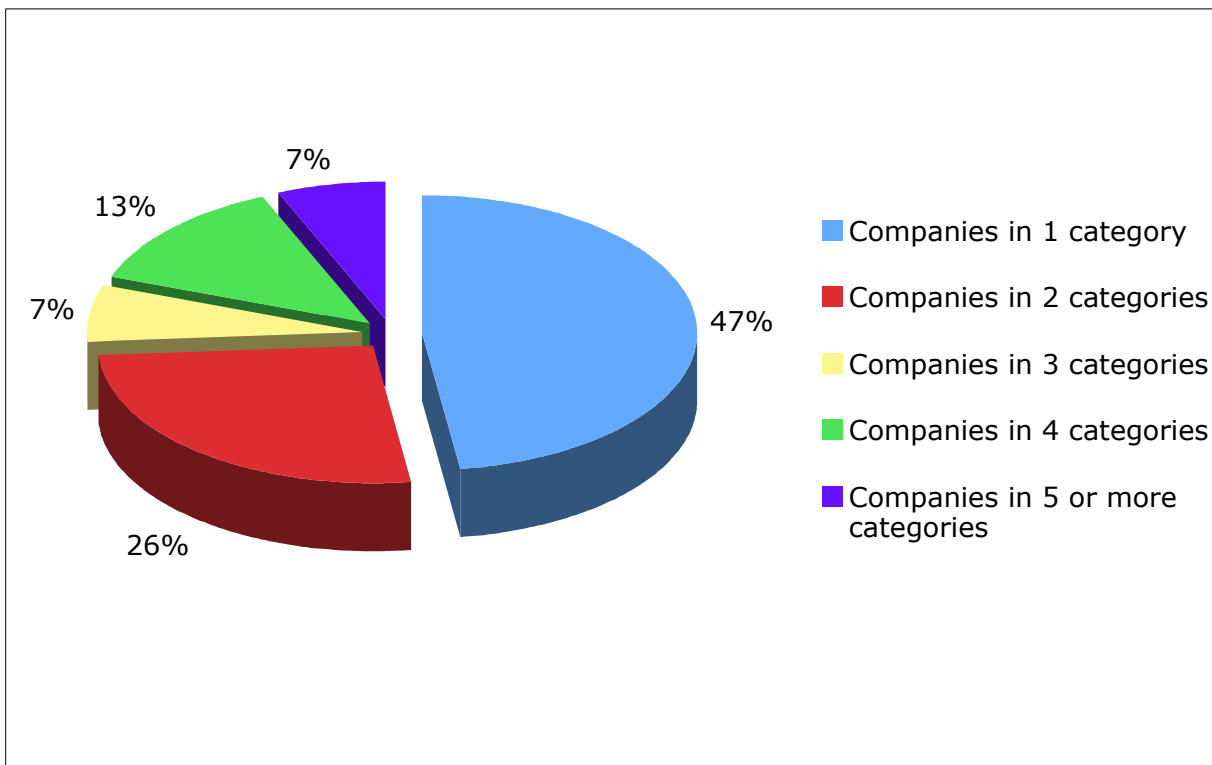
have been created based on existing markets as well as the needs of tech firms and the service offerings of environmental service professionals.

We are trying to produce collaboration amongst the Waterloo Region community with the goal of a sustainable future. It is because of this that the professionals included in the directory are based primarily in the Waterloo Region. Other professionals are included based on their ability to serve these Waterloo based firms.

#### 4.0 Directory Trends

Through the course of compiling this directory of environmental service professionals, trends amongst the companies involved have become apparent. The directory breaks companies into different categories based on service offerings of each firm. There is no limit to how many categories a single company may be in.

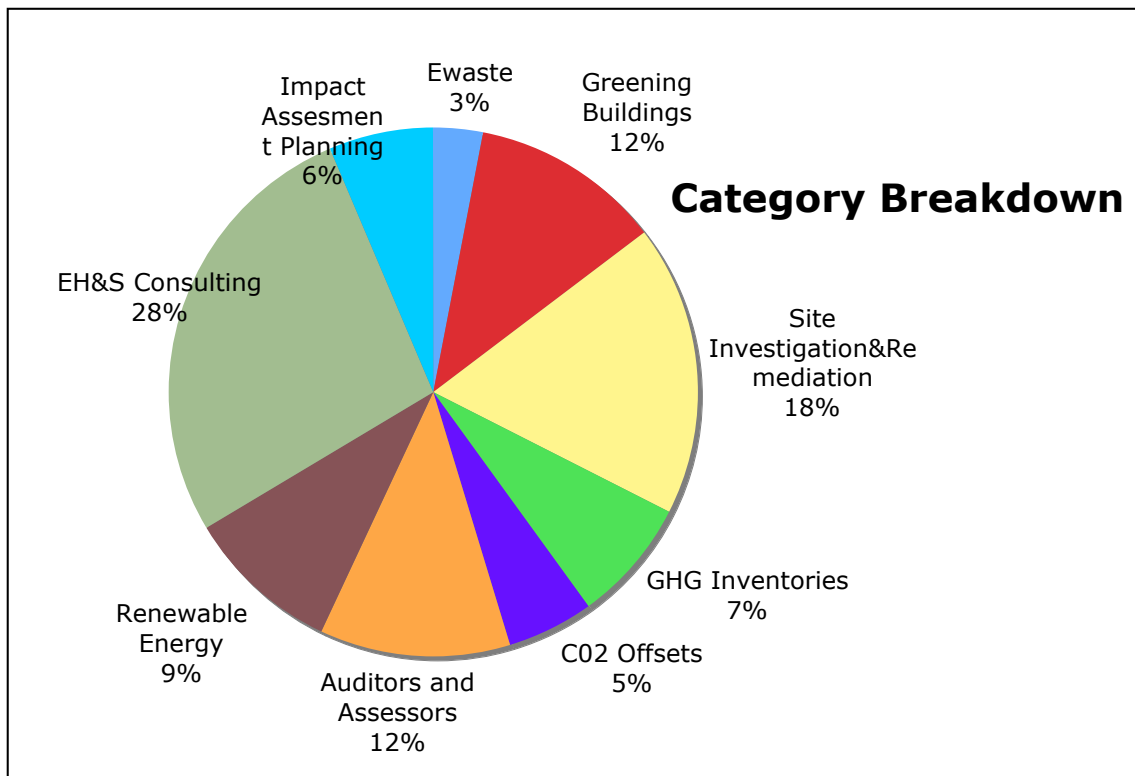
Examining Figure 1., it can be seen that almost half of the environmental service professionals offer only 1 type of service and focus on specific sectors of industry



exclusively. It is also seen that more than half of the organizations are multidisciplinary and offer at least 2 different services. It is my contention that these service offerings are

**Figure 1. Company Service Offerings**

correlated with the size and number of employees of each organization. Though there is no empirical data to support this, I hope to address this in Phase 2, of the directory. The second large trend is found in the breakdown of companies into categories (see Figure 2.) Site Investigation and Remediation and Environmental Health and Safety Consultants account for almost half of all the service offerings, note, companies are not limited to just one group. I cannot make assumptions based on this, as I have not done any market research.



**Figure 2. Category Breakdown**

## **5.0 Recommendations: Phase 2**

In Phase 2 of the directory, the updating process several recommendations can be made to increase the value of this directory. Firstly, an agreement and collaboration between each company in the directory and the directory creators would be important. A legally binding contractual agreement would create more legitimacy in the directory and only include those organizations that actually wanted to be a part of it and were able to make guarantees regarding their service offerings. In addition to this, there must be checks and balances on these companies based on the feedback from the businesses they are dealing with. We do not want to include an ineffective and poorly run company in this directory, however, there may be difficulty in removing a company from the list. Finally, by working directly with each of these companies, contact information and other details can be much more direct and personal for each service offering category.

Note:

Cost Analysis

## Appendix 1: Environmental Service Professionals Directory

<u>Company</u>	<u>Location</u>	<u>Strengths and Services</u>	<u>Contact Information</u>	<u>Contacts</u>
<b>AEC Engineering Inc</b>	100 Tempo Avenue, Suite 350 Toronto Ontario M2H 2N8	AEC Engineering Inc. is a boutique Consulting Engineering company providing comprehensive Mechanical, Electrical and Energy Engineering Consulting Services to the Architectural Engineering Construction Industry.	Tel: 416-756-7222 Fax: 416-756-7279	Mr. Gregory Winokur, <i>President &amp; CEO</i> Email: gwinokur@aec-eng.ca
<b>AET Consultants</b>	204 Herbert Street Waterloo Ontario N2J 1T8	AET Group is an employee-owned multi-disciplinary environmental consulting company that provides expertise in waste, ecology, building sciences, energy and environmental management. Their multi-disciplinary approach and application solutions enables any size and type of organization, both locally and globally, to accomplish their project objectives or resolve their environmental issues effectively and efficiently.	Tel: 519 576-9723 Fax: 519 570-9589 Email: info@aetconsultants.com Website: www.aetconsultants.com/buildingsciences.htm	Mr. Scott Freiburger, <i>Principal/ Sr. Environmental Consultant</i> Mr Larry Freiburger, <i>Principal/ Sr. Environmental Technologist</i>
<b>Collaborative Structures Limited</b>	135 Thompson Dr Unit 5 Cambridge Ontario N1T 2E4	Collaborative Structure is a design builder, construction manager, general contractor, LEED builder for the industrial, commercial and institutional market.	Tel: 519.650.0275 Fax: 519.650.2211 Email: info@collaborativestructures.com Website:www.collaborativestructures.com	Mr. David Timlock P.Eng., <i>President</i> Mr. Drew Fletcher, <i>Field Operations Manager</i>
<b>Conestoga Rovers &amp; Associates</b>	651 Colby Drive Waterloo Ontario N2V 1C2	Conestoga Rover and Associates is a worldwide engineering, environmental consulting, construction and information technology services.	Tel: 519 884-0510 Fax: 519 884-0525 Toll Free: 1-800 265-6102 Email: info@craworld.com Website:www.craworld.com/en/services/BSsci_home.asp	Mr. Bruce McConnell, <i>Business Development</i> Mr. Ed Roberts, <i>President</i>

<p><b>Dillon Consulting Limited</b></p>	<p>5 Cherry Blossom Rd Unit 1 Cambridge Ontario N3H 4R7</p>	<p>Dillon Consulting Offers consulting engineers, planners and environmental scientists. They provide professional services for projects related to Infrastructure, Communities, Environment and Facilities.</p>	<p>Tel: 519.650.9833 Fax: 519.650.7424 Website: www.dillon.ca</p>	<p>Mr. Thomas Jones, <i>Office Manager</i> Email: tjones@dillon.ca</p>
<p><b>Efficiency Engineering</b></p>	<p>420 Sheldon Dr. Suite 203, Cambridge Ontario N1T 2H9</p>	<p>Efficiency Energy provides auditing in existing buildings, to uncover asset upgrade and energy conservation opportunities. LEED (Leadership in Energy and Environmental Design) consultation, facilitation, and certification package preparation</p>	<p>Tel: 519-624-9965 Fax: 519-624-9316 Email: info@ee-solutions.com Website: www.ee-solutions.com/solutions/Solutions/LEED%20Facilitation.aspx</p>	<p>Mr. Mike Thomas Email: mthomas@ee-solutions.com</p>
<p><b>Enermodal Engineering Limited</b></p>	<p>650 Riverbend Dr Kitchener Ontario N2K 3S2</p>	<p>Enermodal Engineering offers consulting engineering services including design, research and technical support in the fields of building science, energy efficiency and environmentally sustainable building design.</p>	<p>Tel: 519 743-8777 Fax: 519 743-8778 Email: office@enermodal.com Website: www.enermodal.com</p>	<p>Mr. Stephen Carpenter, <i>President</i> Mrs. Laura-Lee Fletcher, <i>Office Manager</i></p>
<p><b>Mindscape Innovations</b></p>	<p>525 Highland Rd W Unit 412 Kitchener Ontario N2M 5P4</p>	<p>Mindscape Innovations provides turn-key full life cycle solutions for environmentally and technologically advanced homes/communities. They offer sustainability consulting (LEED, Energy Star, NetZero), renewable energy resource assessment, and Standard Offer Program consulting.</p>	<p>Tel: 519 744-3592 Fax: 519 742-5044 Toll Free: 1-866-775-5055 Email: info@mi-group.ca Website: www.mi-group.ca/ES_s&amp;p.html</p>	<p>Mr. Derek Satnik, <i>Managing Partner</i> Ms. Ashley Bowker, <i>Administrative Services</i></p>

<p><b>MTE</b></p>	<p>520 Bingham Centre DrKitchenerOntarioN2B 3X9</p>	<p>MTE has become a leading provider of engineering services with expanded civil, environmental and structural capabilities to better service our clients. MTE is an employee-owned engineering firm consisting of a staff complement of nearly 150 engineers, scientists, technologists, technicians and specialized support staff.</p>	<p>Tel: 519 743-6500Fax: 519 743-6513 Email: <a href="mailto:mail@mte85.com">mail@mte85.com</a> Website: <a href="http://www.mte85.com/mai">www.mte85.com/mai</a> n2.cfm?id=E61308C8-B6A7- 8AA0-6C907E3C94E061F1</p>	<p>Mr. Greg Marks, <i>President</i> Mr. Angelo Innocente, <i>VP of Business Development</i></p>
<p><b>Pinchin Environmental</b></p>	<p>470 Weber Street N, Suite 102 Waterloo Ontario N2J 4G4</p>	<p>Pinchin can help you to balance your business goals with an understanding of both natural and built environments. They provide Occupational health, safety and environmental consulting.</p>	<p>Tel: 519 746-4210 Fax: 519 746-7108 Toll Free: 1-(888) 595-4419 Website: <a href="http://www.pinchin.com/building">http://www.pinchin.com/building</a></p>	<p>Mr. Rob Parker, <i>Senior Occupational Hygenist</i> Mr. Steve Barnett, <i>Manager Occupational Health and Safety Group</i></p>
<p><b>Stantec</b></p>	<p>180 King Street South Unit 140 Waterloo Ontario N2J 1P8</p>	<p>Stantec provides professional consulting services in planning, engineering, architecture, landscape architecture, surveying, environmental sciences, project management, and project economics for infrastructure and facilities projects.</p>	<p>Tel: 519 569-8684 Fax: 519 569-7282 Website: <a href="http://www.stantec.com/marketSector.html?paid=1#service66">www.stantec.com/marketSector.html?paid=1#service66</a></p>	<p>Mr. Steve Voll, <i>Managing Senior Pincipal</i> Mrs. Linda Tomlison, <i>Office Administrator</i></p>
<p><b>IMT Modular Partitions Ltd.</b></p>	<p>80 Clayson Road, Toronto Ontario M9M 2G7</p>	<p>IMT Modular Partitions is a manufacturer and supplier of environmentally friendly and efficient modular or deconstructable walls.</p>	<p>Tel: (416) 743-4513 Fax: (416) 743-0132 Toll Free: 1 (866) 468-1190 E-mail: <a href="mailto:info@i-m-t.com">info@i-m-t.com</a> Web: <a href="http://www.i-m-t.com">www.i-m-t.com</a></p>	<p>Dave Cooper, <i>Architectural initiatives</i></p>

## Appendix B: Directory Matrix

	E-waste	Greening Buildings	Site Remediation	GHG Inventories	C02 Offsets	Auditors	Renewables	EH&S	Impact Assessment
AEC Engineering Inc		X							
AECOM			X					X	X
AET Consultants	X	X				X	X	X	
AMEC Earth and Environmental			X		X	X	X	X	X
AMEC Geomatrix			X	X				X	X
Arise Technologies							X		
C3 Environmental			X						
Carbon Foresight				X	X			X	
Carbon Reduction Fund					X				
CarbonZero				X	X				
CH2M				X				X	
Coffey Geotechnics			X					X	
Collaborative Structures Limited		X							
CRA		X	X	X				X	
Dillion Consulting		X	X			X		X	
Eco2 Systems						X		X	
Ecoplans Limited			X			X		X	X
ECOshift								X	
Ecotech Planners						X		X	
Efficiency Engineering		X						X	
Energent								X	
Enermodal Engineering Limited		X							
Enviro Impact Consultants							X	X	
Enviro-Stewards			X					X	
ERM			X	X		X		X	X
Golder			X					X	
Greentec	X							X	
IMT Modular Partitions		X							
JTB Environmental Systems						X			
Kuzuka					X			X	
Mindscape Innovations		X							

