



Green Jobs Team Meeting

Conference Call

July 7, 2011 –1:30 p.m. to 2:30 p.m.

Conference Line: 416-343-4997, Conference ID: 5346694

1. Introductions
  
2. Update on Green Jobs Programming
  - Energy Management Co-op
  - Cool Rexdale
  - PPG Internships
    - a. ChemTRAC Technical Assistance Program
    - b. Eco-Efficiency Program
    - c. Green Parking Lot Program
  
3. Green Jobs Employer Recognition Program
  
4. Restructuring the Green Jobs Team

**TO:** Members of the Partners in Project Green – Green Jobs Team

**FROM:** Dennis Braun, Project Manager, Toronto and Region Conservation Authority

**RE: GREEN JOBS PROGRAMS UPDATE**

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### **KEY ISSUE**

The development of labour market skills among youth and local residents to support improved environmental building performance in the Pearson Eco-business Zone.

### **BACKGROUND**

Partners in Project Green, with guidance from the Green Jobs Team, delivers programming to encourage the development of green jobs in the Pearson Eco-Business Zone and beyond. This report presents a brief update on these programs.

### **COOL REXDALE ROOFING APPRENTICESHIP PROGRAM**

Cool Rexdale aims to improve the energy and environmental performance of buildings in Rexdale by promoting the installation of cool roofs and green roofs while providing a pathway for youth in one of Toronto's priority neighbourhoods to enter the roofing trade.

### **Environmental Benefit**

Cool roofs and green roofs improve building energy efficiency and green roofs provide a host of additional environmental benefits.

### **Program Overview**

As area businesses replace their roofs, TRCA and our roofing partners promote the installation of cool or green roofs. For buildings within the City of Toronto, the Eco-Roof Incentive Program provides a financial subsidy to make cool and green roofs more attractive to businesses. All buildings can take advantage of reduced roofing material pricing through the Clinton Climate Initiative's Purchasing Alliance. The Cool Rexdale Program will open the door for young adults in the Rexdale community to enter the workforce in a trade that is well paid and in need of new apprentices. Toronto Employment and Social Services works with its community partners to identify and connect youth to roofing employers. The young adults that will be hired through the Cool Rexdale Program will work as Pre-Apprentices registered with the Sheet Metal Worker's and Roofers Union Local 30. As they build their experience in the roofing industry, there are opportunities for them to leverage their designation from a Pre-Apprentice that will lead to an Apprentice and a Material Handler.

### **Participation**

The program launched in 2009 in partnership with the Roofers Local Union 30, roofing contractor Semple Gooder, roofing manufacturer Tremco, Toronto Environment Office, Toronto

Economic Development, Toronto Employment and Social Services, TRCA, and Woodbine Entertainment Group. In early fall 2010, 2 additional roofing companies came on board: Flynn and Bothwell-Accurate. A fourth, un-unionized roofer, Atlas Apex, has also expressed interest in participating. This has been discussed with Local 30. In total 3 youth were hired: one worked on the Woodbine Entertainment Group's Cool Roof, and 2 worked on rooftop solar installations. All three youth were employed beyond the initial projects.

### **Current Status**

To date, no youth have been hired through the Cool Rexdale Program in 2011. TESS and TRCA are continuing to work with our roofing partners to encourage their use of TESS's services to help fill their staffing needs. Staff have begun to discuss partnering with established programs, such as Hammerheads, to provide roofers with additional structure and support.

## **ENERGY MANAGEMENT CO-OP PROGRAM**

### **Overview of Program**

The Energy Management Co-op Program connects college and university students to companies in the Pearson Eco-Business Zone to implement energy efficiency opportunities. The program adds value to co-op placements by providing expert energy management training and mentoring to students and their employers in order to successfully undertake energy reduction projects.

### **Capacity Building**

Permanent staff of the participating businesses are involved at every stage. They attend each workshop, get the same mentorship as the students, and supervise the work of the students. In this way, the participating companies build the capability of their internal staff to sustain and improve upon the energy management work done during the co-op semester.

### **Participation**

The program is in its third and final semester of delivery. Interest has grown with each semester. In summer 2010, 5 companies participated, followed by 7 companies in winter 2011, and the program is currently at capacity with 10 companies participating in summer 2011.

### **Successes**

Participating companies have completed a range of energy conservation initiatives, including lighting retrofits, boiler and HVAC system replacements, piping insulation, optimization of Building Automation Systems, and manufacturing process changes.

## **PPG INTERNSHIPS**

In addition to programs that place youth and students with external employers to develop the green jobs workforce, Partners in Project Green hosts paid internships. These internships are

designed to provide students and internationally trained professionals an opportunity to develop skills and deliver programs that help businesses become more sustainable.

### **ChemTRAC Technical Assistance Program**

Students help businesses comply with new City of Toronto environmental reporting and disclosure bylaw. Interested businesses can register for free technical assistance through this program.

ChemTRAC Technical Assistance Program is funded through the City of Toronto. Students hired by TRCA on 4-month work terms are trained on the ChemTRAC program and are connected to local businesses to help them meet their reporting requirements and identify opportunities for improved chemical management. To date, 6 co-op students and one new graduate have been hired as interns and have assisted over 100 businesses.

### **Eco-Efficiency Program**

Interns are trained to complete ASHRAE Level 2 Energy Audits for Partners in Project Green Clients. In addition to the training, interns receive support from the staff and faculty of Sheridan College who assist in the client site visits, guide the interns' analysis and review their reports before submitting them to the client. To date, 2 students and 1 internationally-trained professional have been hired through the program. They have delivered audits for approximately 20 clients.

### **Green Parking Lot Program**

Graduate students in the University of Toronto's Masters in Landscape Architecture develop Green Parking Lot designs for Partners in Project Green designs. The students work under faculty supervision, and learn about designing functional parking lots and surrounding landscaped areas for improved stormwater management, water conservation, and landscape re-naturalization. 3 students have been hired to complete these designs.

**Report prepared by: Dennis Braun, Extension 5594**

**For more information contact: Dennis Braun, Extension 5594**

**Date: July 4, 2011**

**TO:** Members of the Partners in Project Green – Green Jobs Team

**FROM:** Dennis Braun, Project Manager, Toronto and Region Conservation Authority

**RE: GREEN JOBS EMPLOYER RECOGNITION**

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### **KEY ISSUE**

Providing recognition and support to employers in the Pearson Eco-Business Zone wishing to hire for Green Jobs from within the local community.

### **BACKGROUND**

At the March 2<sup>nd</sup>, 2011 meeting of the Green Jobs Team the development of a Green Jobs Employer Recognition program was discussed. Recognition was seen as a strong incentive to businesses, and the program can provide added value by assisting employers in finding and screening new employees.

For the purpose of employer recognition, the program will use the Green Jobs definition from the United Nations Environment Program, and recognize employment for either a specific job function or to a company " *in agricultural, manufacturing, R&D, administrative, and service activities that contribute substantively to preserving or restoring environmental quality. Specifically, but not exclusively, this includes jobs that help to protect and restore ecosystems and biodiversity, reduce energy, materials, and water consumption through high efficiency strategies, de-carbonize the economy, and minimize or altogether avoid the generation of all forms of waste and pollution*".

### **FRAMEWORK**

#### **1. Engage Employers**

TRCA and its partners will inform candidate businesses of Partners in Project Green's Green Jobs Employer Recognition Program.

#### **2. Refer to Community Partners**

TRCA will refer employers to community partners to assist in finding and screening appropriate candidates. Community Partners include Toronto Employment and Social Services, Region of Peel, and local colleges and universities.

#### **3. Validate Green Jobs**

Partners in Project Green staff will request a description of the jobs hired for through our community partners and will judge whether or not they meet the UNEP definition of a green job described above.

#### **4. Recognition**

Employers will be recognized by:

- Preparing a press release and publishing an article on the Partners in Project Green website.
- Posting their logo on a Green Jobs page of the Partners in Project Green website.

Community partners will be recognized by:

- Inclusion in press releases and articles
- Posting their logo on a Green Jobs page of the Partners in Project Green website.

**Report prepared by: Dennis Braun, Extension 5594**

**For more information contact: Dennis Braun, Extension 5594**

**Date: February 25, 2011**

**TO:** Members of the Partners in Project Green – Green Jobs Team

**FROM:** Dennis Braun, Project Manager, Toronto and Region Conservation Authority

**RE: RESTRUCTURING THE GREEN JOBS TEAM**

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**KEY ISSUE**

Embedding the green jobs programs of Partners in Project Green into the Building Performance Team and Marketing and Networking Team.

**BACKGROUND**

The Green Jobs Team was formed in 2009 with the objective of identifying career and training opportunities for local youth and post-secondary students.

The work of the Green Jobs Team is summarized in Item 2 of this agenda package. The Green Jobs Team has been an invaluable source of knowledge and support for developing and launching these programs. Now that the programs are mature, TRCA staff recommend moving these programs into the project teams that specialize in the areas of expertise that are most closely aligned with the environmental goals and career paths of the green jobs programs. This will ensure that the programs continue to meet the emerging trends in the green economy.

The recommended project teams for each program are:

<b>Program</b>	<b>Project Team</b>
Energy Management Co-op	Building Performance
Cool Rexdale	Building Performance
ChemTRAC Technical Assistance Program	Building Performance
Eco-Efficiency Program	Building Performance
Green Parking Lot Program	Green Sites Team
Green Jobs Employer Recognition	Marketing and Networking

**NEXT STEPS**

Programs will continue to be managed individually with the program partners, and will be brought to the new project teams for strategic guidance.

Members of the Green Jobs Team that are interested in sitting on one of the above project teams are encouraged to discuss the role with Partners in Project Green staff.

**Report prepared by: Dennis Braun, Extension 5594**  
**For more information contact: Dennis Braun, Extension 5594**

**Date: July 4, 2011**

