

# Construction, Renovation & Demolition (CRD) Waste Working Group Meeting Notes

**Date:** 2-3 pm PST, **Thursday, September 28, 2017**

- **Purpose:** Flesh out the project charter; reach consensus on assumptions; generate ideas for pilot project

## **Attendees:**

David Redfern, LafargeHolcim, Co-Chair  
Clint Undseth, Stuart Olson, Co-Chair  
Jane McRae, NZWC Secretariat (Lead)  
Dr. Shervan Khanna, BASF  
Helen Goodland, Brantwood Consulting  
Fraser Pick, UBC Sustainability Scholar  
Kevin Welsh, Integral Group  
Peter Hargreave, Policy Integrity  
Adam Corneil, Naturally Crafted

## **Regrets:**

Andrew Marr, Metro Vancouver Solid Waste  
Scott Chatterton, CanBIM  
Tom Land, EcoWaste  
Bob Kenny, NS Dept of Environment  
Rob Costanzo, City of Surrey

## **1.0 Introductions**

## **2.0 Discussion/Feedback on Charter**

### **Program Context (slide 3)**

- discussion on need to:

- highlight procurement
- clarify that target of charter is primarily aimed at larger municipalities
- to further clarify objectives and include standard metrics

- **Agreed to following change in Case for Action:**

- *Major municipalities, with sustainability ambitions, capital construction budgets and the responsibility to manage costs for maintenance and CRD waste are in a unique position to operationalize the output of framework analysis by using procurement as collaborative project stakeholder.*

-- **Agreed to following change in Objectives:**

- Promote the use of procurement to align municipalities' sustainability and engineering departments in their construction and maintenance programs
- Recommend clear, quantifiable measures and metrics to be used to drive sustainability in the procurement process.
  - Potential examples of Pilots - Consider changing "to drive the use of wood" to "to drive the use of sustainable materials" DR captured comment; pilot ideas to be fleshed out we populate further

#### **Areas of work (slide 4):**

- should keep **hierarchy of waste** high level – no need to re-invent the wheel
- Question re aligning municipal departments – are we missing something in these areas of work that could address the barriers to alignment across the 3 departments? What is their common area of interest?
- Agreement that establishing common language can assist in aligning across departments and is one of key intents of framework/charter
- question is how far do we articulate the areas of work
- **Design Principles** - are there specific design principles that should be considered?
  - diversion rate is a relatively easy and common language to work around; depends how deep down the rabbit hole we want to go; suggestion that we keep design principles as simple as possible, especially since trying to roll out across multiple municipalities;
  - some concern that this would lead to the work being boiled down to simplest denominator; lots of technology and research avail that can help describe how a project gets conceptualized and determined
  - need to establish really clear language on what lifecycle impacts the project will have;
  - lifecycle costs are key as a consideration and need to be discussed, but the calculation is complex and may not have to be an essential part of the pilot
  - need simple, transparent and quantifiable metrics so more likely municipalities will be able to incorporate into their procurement policies
  - design for disassembly – lots of criteria have already been designed, but not necessarily tested locally, so could be a good opportunity here
  - Target of work – its not that the big cities have it right, but we need to focus this work on big cities where it will have most impact; smaller cities will follow

#### **Scope and Approach – Common Language & Data (slide 5)**

- post and pre-construction data is pretty well established; lots of sources available to pull from (such as recent CCME report that Helen and Peter both worked on; EU secondary materials report) and just depends on where we want to focus
  - agreement that we start with a glossary of terms
- PH/HG to begin drafting.

#### **Pilot Project**

- Adam has a pilot – House2Home –has been trying to implement and would love to see us take on (he will send a synopsis)

Other ideas:

- a project that requires high percentage of cement replacement & incorporating a measure that would capture this in procurement policy.
- Members asked to think of idea and provide one page summary and supporting documentation

– Secretariat to set up a Google drive with one folder for each bucket

### 3.0 Assign volunteers to elements of work

- a. **Design Principles** – Clint to lead
- b. **Common Language & Data** – Peter, Helen to lead
- c. **Heirarchy of Waste** – David, Fraser
- d. **Data Flows & Blockers** – TBD

### 4.0 NZWC Member engagement opportunities

- *Member Forum at Nov.2<sup>nd</sup> AGM (opportunity for working groups to solicit other Council member and supporter input on future directions planning for the Council, for the WG, etc.)*
- *Member Survey – WG to develop a simple survey, using survey monkey, to solicit input and seed discussion for focus session at member forum*

**Next Meeting: 2-3pm PST, Thursday, Oct.19th, 2017**

#### **Action Items:**

- **JM to set up google drive or dropbox to share docs – by Oct.4th**
- **JM – circulate Fraser’s report to members and put on drive**
- **ALL – send one page summary of pilot project ideas to Jane – by Oct. 6th**
- **JM/DR/CU – draft member survey questions and circulate to WG for input – by Oct. 6th**