

Participants: Darrell Boverhof, Rick Canady, Shaun Clancy, Cathy Fehrenbacher, Myriam Hill, Steve Froggett, Janet Carter, Lie Chen, Yasir Sultan, Chuck Geraci and Carolyn Cairns

Agenda:

(1) Approval Items:

- a. Previous meeting notes (6/9 & 6/28) – approved as drafted
- b. Finalize a priority-ordered list of CNT applications
  - Based on input received over the proceeding week, textiles were ranked the highest. Those members that ranked textiles highest considered textiles that would come into direct contact with people and or the environment.
  - For example, landscaping fabric, clothing, etc. These applications were considered thin polymers, woven into the fabric matrix. Other approaches could be through a later incorporation/treatment of the CNT to the fabric.
  - The group noted strong interest in giving priority to applications that are in use, or nearing the end of development, while avoiding esoteric applications.
  - It was noted that the top applications the SC members identified overlap with the top uses identified in EPA's new chemicals program.
  - Environment Canada indicated that these were a good representation of the products they are seeing, but noted they are interested in examining composites.
  - After a long discussion, the group agreed to table this decision while the group seeks additional input on materials and product development. Progress could be made as we get experts with these materials / products involved with this discussion.
- c. Finalize structure of the tables of Labs, Sources, and Experts
  - The group agreed that the structure of the tables is good, but recognized a need to fill in additional information.
  - In particular, the group will benefit from greater detail on the specific expertise of the experts / labs listed.
  - With tables as approved, we will now seek further input from SC members and others identified by the SC.

(2) Plan face-to-face meeting

- A firm date and location has not been found, but the group agreed that a meeting will be helpful in the coming months to work through the complicated issues surrounding identifying the best carrier systems to use and how to obtain them for the testing phase of the project.

(3) Nominate experts for the carrier-selection group

- The group agreed that all of the experts from the workshop were very helpful and should continue to be consulted.
- Drs. Bello, David, Nguyen, and Gross were specifically suggested.

- It was recommended to seek information about material types in uses from an insurance companies that may be underwriting in this area (Zurich and Chubb were mentioned) for a broad industry perspective.
- Another suggestion was for the SC to send a request for input to manufactures to help the discussion without the added costs of bring people together. To do this successfully, we would need to do this under a confidential/nondisclosure agreement either with ILSI RF or a separate group engaged specifically for this task.
- The suggestion to collect information confidentially led to a discussion about how to approach obtaining information, and in the long term, the actual materials to test.
- It was agreed that a listing of test material approaches (e.g., developing a “representative” material or “blinded purchase” of from current manufacturers) with pros and cons of the approaches could be helpful for the group to think through how to approach obtaining carrier systems for testing.

Next Steps:

1. Request a volunteer to develop a questionnaire for MWCNT applications to distribute to experts prior to a face-to-face meeting to narrow down the discussion.
2. Carolyn agreed to draft an “approaches” document to outline some of the associated advantages and downsides to each.