

## **Recycling System Subgroup Conference Call Meeting 4 Summary November 13, 2001**

### **Members in Attendance**

Kent Dunn, EZConserve	Wayne Rifer, WEPSI
Craig Lorch, Total Reclaim	Greg Sampson, StRUT
Chipper Hervieux, WA DOE	Dick Schmidt, City of Portland
Lisa Sepanski, King County, WA	Sego Jackson, Snohomish Co, WA
Mike Heth, NxtCycle	Betty Patton, Environmental Practices (WEPSI staff)

**Summary of previous meeting** The summary of the October 30th meeting was distributed via the listserv and posted on the WEPSI website. No changes or exceptions were submitted.

**Future meetings and schedule** The next conference call meeting for the subgroup will be Tuesday, December 4<sup>th</sup> at a new time. It was agreed to change the time to 1:30 to accommodate members that have previously been unavailable, and to make it easier on our east coast interested parties. Wayne Rifer will be the facilitator for that meeting. The phone number will be distributed via the listserv as soon as it is confirmed.

*Betty Patton will be out of town November 27<sup>th</sup> through December 9<sup>th</sup>. It is recommended that Tanya Schaefer (503-777-0909, [tk@hevanet.com](mailto:tk@hevanet.com)) and Wayne Rifer (503-644-0294, [wri@concentric.net](mailto:wri@concentric.net)) be the contacts for WEPSI related business during this period.*

**NEPSI** Wayne Rifer is one of our representatives to NEPSI. He presented an update on the NEPSI process after the last meeting in Boston. The structure of the discussion is similar to WEPSI in that they have also divided into subgroups for focused study. However, NEPSI's main focuses are the financial issues and concerns. The subgroup that Wayne is coordinating is researching the monetary system that will support the necessary infrastructure to collect, transport, reuse and recycle electronic waste. A variety of front end fee structures are being considered. The concerns are how do we go from an inadequate system that we have now to an adequate system that meets nationwide concerns, that is designed for optimal efficiency, relies on the basic competitive nature of business, and meets the necessary national standards.

There are also concerns about how the money and the product flow through the system. Wayne would like for the WEPSI subgroup members to think about this issue and contact him with ideas and opinions. He would like for the group to be part of the process because it is important to get input on what people think.

**Speaker topics** The three topics that are our focus are foreign markets, software licensing barriers and opportunities, and CRT & TV recycling and handling.

We discussed the Materials for the Future Foundation's publication on CRT glass to CRT glass recycling. This 4-page report describes the parts of a CRT, defines the terms used in CRT construction, gives an overview of glass to glass recycling, describes CRT recycling economics, and gives a profile of the companies that are involved in this material handling. It also lists a pricing structure for California as of Fall 2001. It does not include the estimated capacity of current markets. NxtCycle, one of the companies profiled in the MFF report, will provide some

information on processing CRT materials in their report to WEPSI. The report from NERC, Northeast Recycling Coalition, has some capacity information associated with it. CRT export capacity is another presentation topic. This could also be included in a broader discussion. Michael Ingalls of Quantum Resource Recovery is very knowledgeable on foreign and domestic markets and opportunities for CRTs. The group would like someone to discuss the issue of China's ban on electronic waste. Michael might be a good person for this topic, also. Other local material brokers would be good sources of information and potential speakers.

Our third topic of discussion is the software licensing problems and solutions encountered in a reuse environment. Greg Sampson of StRUT and Oso of Free Geek are putting together an overview of open source software and the impact that has on reusing hardware. This topic was covered at the Material for the Futures Foundation's presentation in Santa Clara last month.

The group decided that the topic of highest interest and regional impact was that of foreign markets. We will put together a panel to discuss this topic.

**December 12th Meeting format** At the time of this meeting, the agenda for the multi-stakeholder meeting included 30 minutes for our subgroup status presentation and 45 minutes for invited speakers and Q&A. Each of our three topics was to receive 10 minutes. Oso and Greg will present on open source software. Possibly, Greg can discuss the business model of Linux. Scott O'Connell of Intel has volunteered to help compile information on foreign markets, but won't be able to attend the meeting. Ted Reichelt will be there in his stead. This part of the presentation does not have a single spokesperson yet. Betty will do an update on CRT and TV reuse and recycling in the area. She will talk with Mike Heth of NxtCycle and other brokers in our area to get some updated information.

### **Research, Tasks and supportive information**

Greg Sampson of StRUT is collecting data on Linux users. Lisa Sepanski is collecting data on TV recycling. This information won't be compiled by our December meeting, but will have some contributions to our February meeting.

Monitors are made of more homogeneous materials than TVs. There is more waste with TVs and more labor is required for dismantling. Their circuits have a lower value. The Minnesota report has some thorough data on TV recycling. Their collection pilot classified materials by brand, size and age. Apparently about 20% of a TV is recovered for recycling. Markets for TVs rarely exist. NxtCycle will accept them; they are shipped to Arizona, adding transportation to the cost. We need to continue to consider the changing television technology when we discuss the future of TV recovery. We will have a report on collection and recycling of TVs for the February meeting.

### **Homework assignments**

Betty will contact all of the suggested members to recruit speakers and researchers. This includes Scott O'Connell, Oso, Michael Ingalls, and any suggested brokers in the Pacific Northwest.

Greg Sampson and Oso will discuss the software presentation amongst themselves.

Lisa Sepanski will send regional broker information.

Betty Patton will put together a short status report on CRT and TV collection and recycling opportunities in our area.

The outline of our presentation/status report time slot has not been finalized. Betty will send out needs and questions via the listserv.

**Group Process**

Next meeting: 12/4 (206-553-4557), at 1:30 pm Pacific Time.