**Recycling Market Development Advisory Council (RMDAC) Meeting**

**Wednesday, January 24th, 2024**

**Truist Building 1201 Main Street, Columbia, SC**

**10:00 AM – 12:00 PM**

**RMDAC**

Tina Green, Mumford Industries

Norman Chandler, Republic Services

Carol James-Gilchrist, Sonoco Recycling

Adam Padget, Green Energy Biofuels

Chris Fisher, Fisher Recycling

Jay Spears, Continental

Angel Lara, Mid-Carolina Steel

Andy Spicer, University of South Carolina

Ed Marr, Horry County

Brad Dutton, Dutton Polymers

Chad Prescott, Mid-Carolina Steel

Jean Cecil Frick, Maynard Nexsen

**ABSENT**

Wes Westbrooks, RMDAC Chair, BMW

Kevin Richardson, City of Rock Hill

**GUESTS**

Cynthia Davis, Sustain SC

Morgan Crapps, Redwood Materials

Richard Chesley, DHEC

Glenn Odom, Retired; Emeritus Member

**STAFF**

Anna DeLage, SC Department of Commerce

Allyson Barbier, SC Department of Commerce

Ashley Jenkins, SC Department of Commerce

 **CALL MEETING TO ORDER**

Tina Green (Vice Chair) motions to call the meeting to order at 10:00 AM. Wes Westbrooks (Chair) is out sick.

The Chair welcomes guests.

**MINUTES**

November meeting minutes are approved.

**Morgan Crapps from Redwood Materials delivers presentation on battery collection and safety.**

* Lithium-ion battery industry was projected to grow 500%-1000% from 2020 to 2030
* Goal is to localize battery recycling chain or urban mining
* Reduce cost of battery cells and packs by recycling and remanufacturing the anode and cathode ultimately making lower cost vehicle
* Process- collection, recycling, refining, and remanufacturing
* Battery belt is from Michigan to Georgia
* $3.5 billion investment and 1,500 jobs
* Supplementing with some virgin material right now for remanufacturing process
* Broke ground yesterday
* Partnerships- upstream and downstream- ex. Upstream- Recycling batteries and providing new battery materials for Toyota, recycling batteries for Volvo
* Consumer recycling program free of charge- nationwide drop off locations with some in SC
* Bins must be indoors- looking to provide boxes at venues
* Pilot program for EV batteries in California- tremendous interest from OEMs, dismantlers, and dealer were very interested
* Launched a dismantler portal for dealers and dismantlers- gives quote for battery recycling
* Takes around 150 cellphones to have enough cobalt for an EV battery
* Recommend refurbishing battery pack for old vehicle
* Do not really have competitors in the US- need more companies in the space to meet domestic demands

**Richard Chesley gives overview of Be Battery Smart Campaign.**

* Partnership with ISRI- applying for a USDOE grant to provide consistent messaging nationwide
* Every 75 minutes there’s a child who goes to the hospital for a battery related injury
* No national measurement on fires caused by li-ion batteries
* Be Battery Smart kicked off Nov 17th, 2023
* Added a battery safety section for k-12 education program
* Florida has taken what DHEC has and customizing it, as well as City of Greenville
* Schools will have the opportunity to set up battery recycling programs with grant funding
* Richard will email Ed about getting battery collection drop off in Horry County from Morgan at Redwood

**Council reviews additions to 2023 Annual Report Recommendations.**

**Ashley asks the Council to participate on the creation of the annual report.**

**Market Updates:**

**Tires**: tire manufacturers trying to push tires into roads

**Petroleum**: No Report

**Solid Waste**: Garbage up, stock up

**Carpet:** Nylon 6 and 66 price going down

**Glass**: No Report

**Paper:** Paper is up looking at $5 increase for OCC in Feb, new paper mills coming online $100 per ton cardboard, mixed paper is at $55, inbound is down because generation of paper is down

**Metal:** Down $5 this month, inbound down but still supplying everyone’s needs

**Plastic:** May be a bump in PET prices in Feb

**Aluminum-** Down slightly

**Adjourn: 12:03pm**