

Welcome to today's webinar:

Easy Sustainability Wins With EVS

Presenter:

David Maffeo

- Download presentation at www.healthtrustpg.com/education; select “live webinars” and click on the name of this program within the August 9 calendar listing
- Visit the On-demand section of the HealthTrust education website for a recording of this webinar within three business days

NEW Continuing Education info:

- 1.0 contact hours Supply Chain credit is available
- Reminder: CE credit is individual. Online registration is required for each person who wishes to obtain credit. (No “group” credit is available)
- A **verification code** will be provided at the end of the webinar. **Write it down.** You will need it to obtain your CE credit
- Registration reports will be compared with day-of WebEx reports to verify those who registered **and** attended the webinar for 40 minutes or longer. Those attendees will be emailed by HealthTrust with instructions on how to apply for CE credit
- **Deadline to obtain CE: 8/23/17 (11:59 p.m. EST)**

“Easy Sustainability Wins With EVS”

David Maffeo, Senior Director of Support Services
Boston Medical Center & HealthTrust ESN Member



Boston Medical Center

- Private, not-for-profit, 496-bed, academic medical center
- Primary teaching affiliate for Boston University School of Medicine
- Largest safety net hospital in New England
- Provides a full spectrum of pediatric and adult care services from primary care and family medicine to advanced specialty care
- New England's largest and busiest provider of trauma and emergency services
- Emergency department had 125,435 visits last year

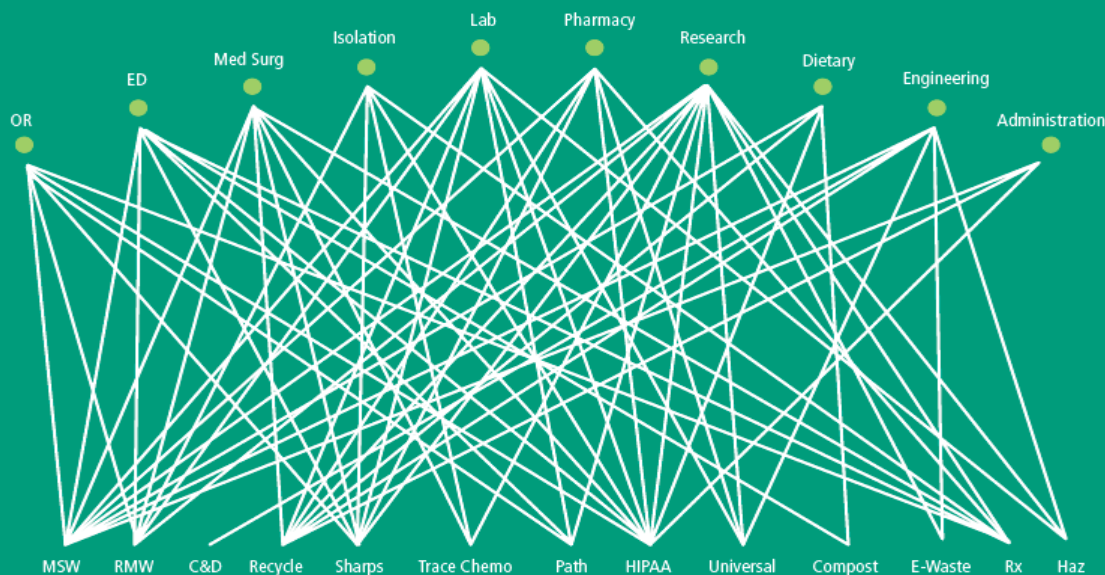
Driving Sustainability Through Environmental Services

- Responsibly managing the waste stream
- Partnering with design/construction on surface selections
- Selecting the appropriate cleaning equipment
 - Maximize efficiency
 - Minimize use of water and chemicals
- Implementing green chemicals
- Environmentally preferred purchasing
- Supporting other departments with innovative equipment



Managing Waste...A Complicated Process

No single department is responsible for managing all hospital waste streams.



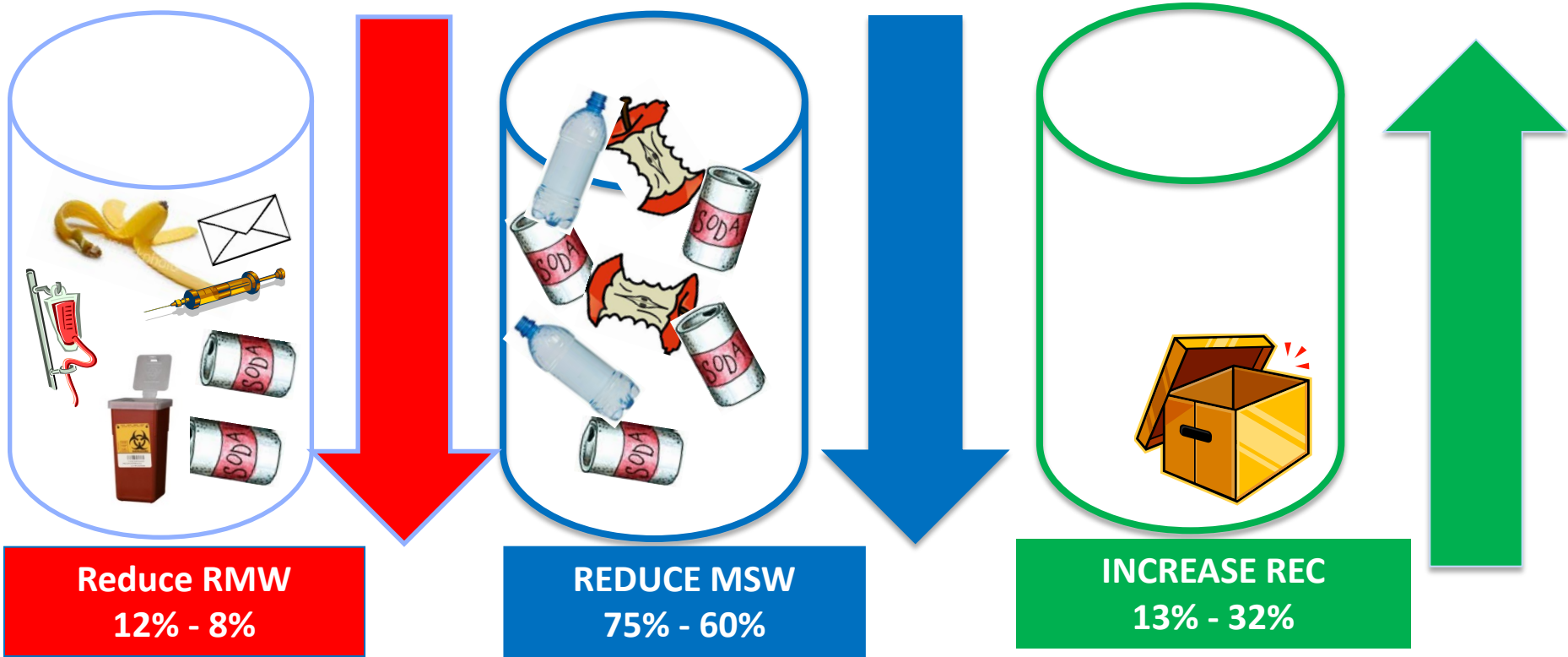
Managing hospital waste streams is a complex process...

Partnering with the right company is essential to a successful waste management program.

Engaging employees through education on the environmental impact to the organization is key to maximizing waste diversion.

Driving Diversion Rates

WASTE DIVERSION



Reduce RMW
12% - 8%

REDUCE MSW
75% - 60%

INCREASE REC
13% - 32%

Defining the Waste Stream

Regulated Medical Waste



Path & Chemo Trace Waste



Batteries



Controlled Substances



Confidential Documents



Hazardous



Municipal Waste



E-Waste



Recyclables



Sharps Management



RX Waste



Composting



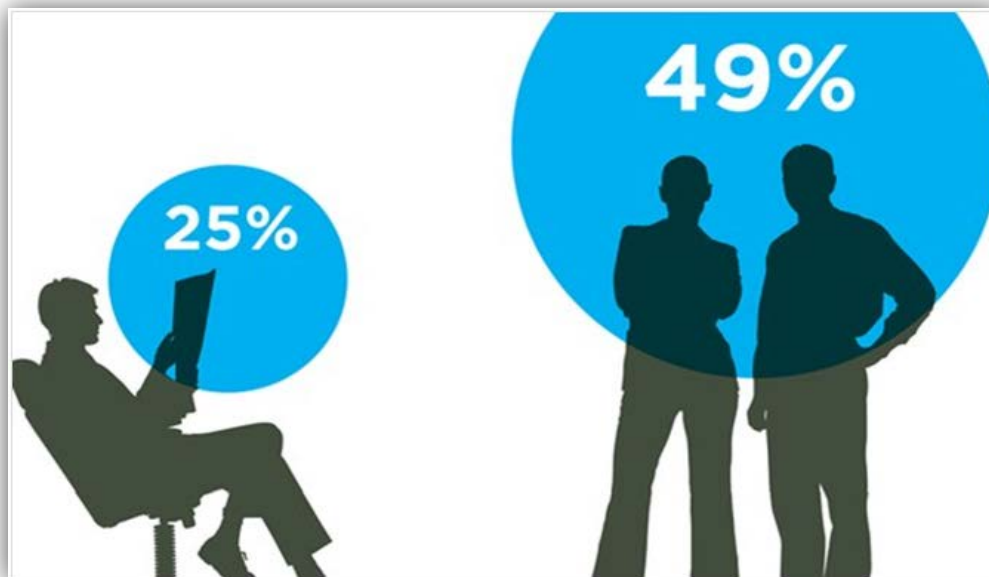
Balancing All Three Areas Is Critical in Managing Hospital Waste Streams



Environmental Best Practices

- ☑ Seeing waste as a resource
- ☑ Making the right choices
- ☑ Being a leader in the community

Managing Waste—Employee Engagement



Employees who say they have the opportunity to make a direct social and environmental impact through their job report higher satisfaction levels than those who don't, by a 2:1 ratio.

Managing Waste—Employee Engagement

BMC Recycling Guide

It's easy!



Put all paper in the **grey LOCKED** bins:
 Confidential paper **and** non-confidential paper



Green or Blue bins: Glass, Plastic, Aluminum, Cardboard
No food

To request a bin in your work area, call Dave Maffeo at x47003

Educate staff through green leadership rounds



Conduct waste diversion audits

Greening the Environment Through EVS Impact

Green cleaners:

Using Green Seal certified products—reducing hospital cleaning’s harmful effects on human health and the environment and enhancing hospital hygiene and reducing infections

Interior design:

Most facilities are switching from conventional VCT flooring to a rubber floor, which does not need stripping and waxing

Cleaning equipment:

A type of floor-cleaning machine (Tennant Eco-H2O) uses electrically charged water to attract and remove dirt

EPP:

Purchasing environmentally preferred products

The Case for Green Chemicals

Why?

- Eliminates a primary cause of work-related asthma, particularly in nurses and cleaning staff
- Improved indoor air quality by reducing VOC content
- Reduced water and ambient air pollution
- Reduced packaging waste and transportation energy (when buying concentrates)

The Case for Green Chemicals

Getting Started...

- Align with key committees and departments to educate and invoke change in your chemical line
- Work with HealthTrust to identify suppliers and products that fall within this portfolio
 - Ask for feedback from other HealthTrust members

Framework of Green Cleaning in Healthcare

Cleaning

Infection Control Risk Assessment

Levels of cleanliness (critical, non-critical, high-touch surfaces, etc.)

Cleaning Agents (detergents, disinfectants, etc.)

Chemical characteristics

Physical characteristics (aerosols, liquids)

Compatibility with surfaces

Application and Disposal

Application (spraying, mopping, powered cleaning equipment, dilution control system)

Applicator types (e.g., cloth vs. mops, microfiber system)

Partnering With Design/Construction



Environmental Services can select environmentally preferred surfaces based on cleanability and efficiency.

LEED-certified rubber flooring requires no wax or chemicals to maintain.

Equipment Makes All the Difference

- Floor cleaning machines: Select machines that don't require chemicals to wash the floors; only water.
- The gained labor efficiencies can be used in your waste management program.
- Special types of environmentally friendly pads are both productive and cost effective. They are designed to clean and polish with only water.



Environmentally Preferable Purchasing (EPP)

- Align your supply chain team and needs with HealthTrust contracted products
- There are several options in the EVS field that can drive savings and work well with your sustainability program
- We have chosen dispensers and products that drive efficiencies and fit our environmental profile
- These products fall under janitorial supplies, hand hygiene, cleaning agents and cubicle curtains

EPP Resources From HealthTrust

Member Portal Resources

- Green Cleaning
<https://members.healthtrustpg.com/sustainability/green-cleaning>
- Paper Towels & Tissue products
<https://members.healthtrustpg.com/sustainability/misc>
- Soaps, Lotions & Hand Sanitizers
<https://members.healthtrustpg.com/sustainability/soaps-lotions-sanitizers>
- Waste Streams Management
<https://members.healthtrustpg.com/sustainability/waste-streams-management>

Innovative Equipment

Food Waste Diversion

Environmental Services secured a partnership to implement a bio-digester in kitchen



Single Stream Recycling

Environmental services secured a partnership to place 40 units organization-wide



Cubicle Curtains



- Environmentally-friendly options
- Easier to replace, saving time and labor
- Better infection prevention
- Quieter – patient experience focus

Bright Green Ideas

- Bright Green Ideas Campaign launched on the intranet last winter to get ideas from employees
- We got **>60 suggestions** for ways BMC could be more green

A Bright Green Idea:

“BMC needs someone dedicated to reorganizing the recycling. We should start with the cafeteria, separating items.



Right now you cannot tell the difference between the trash and recycling. You should have cans, recycling paper and trash.”



What is RESPECT at BMC?

RESPECT Common language for consistent behaviors for all BMC employees.

Responsibility Take responsibility for your actions; treat patients and each other as you would want to be treated.

Empathy Demonstrate empathy and compassion in all interactions.

Service Excellence Proactively identify issues, problem solve solutions, and take action to improve the way we work.

Problem Solve & Take Action Take responsibility for your actions; treat patients and each other as you would want to be treated.

Efficiency Respect all our resources; act to eliminate waste from our systems and processes.

Cultural Competency Embrace the diversity of patients and colleagues.

Teams Work Work collaboratively with others across the organization; learn from others.



Tying It All Together

When seeking to achieve easy wins and engage others from your facility:

- Partner with HealthTrust and your suppliers
- Consider industry goals
- Work with your facilities and employees
- Communicate often
- Share results and successes

QUESTIONS?

David Maffeo

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- You must write down the following **verification code: HT_716070**
 - You will need this code to obtain your CE credit from the CE site
- Once on the CE site you can complete the webinar evaluation and claim your Certificate of Achievement and print, if desired
- **Deadline: Wednesday, August 23, 2017** (by 11:59 p.m. EST)