

CIRCULAR ECONOMY STRATEGIES TO REDUCE MEDICAL WASTE STREAMS

Logistics / Flow Management

R. op de Weegh¹, J. van der Sijp², C. Riekwel³, Bart van Straten⁴, Tim Horeman⁴

¹ Van Straten Medical – Utrecht (Netherlands), ² Haaglanden Medisch Centrum – The Hague (Netherlands), ³ Maasstad Hospital - Rotterdam (Netherlands), ⁴ Delft University of Technology - Delft (Netherlands)

A relay lecture with 3 presenters and 4 perspectives, WFHSS 2023













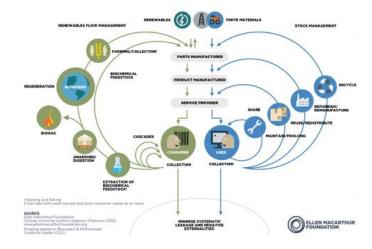


Perspective from the supplier

Ron op de Weegh, teamlead Van Straten Medical, the Netherlands

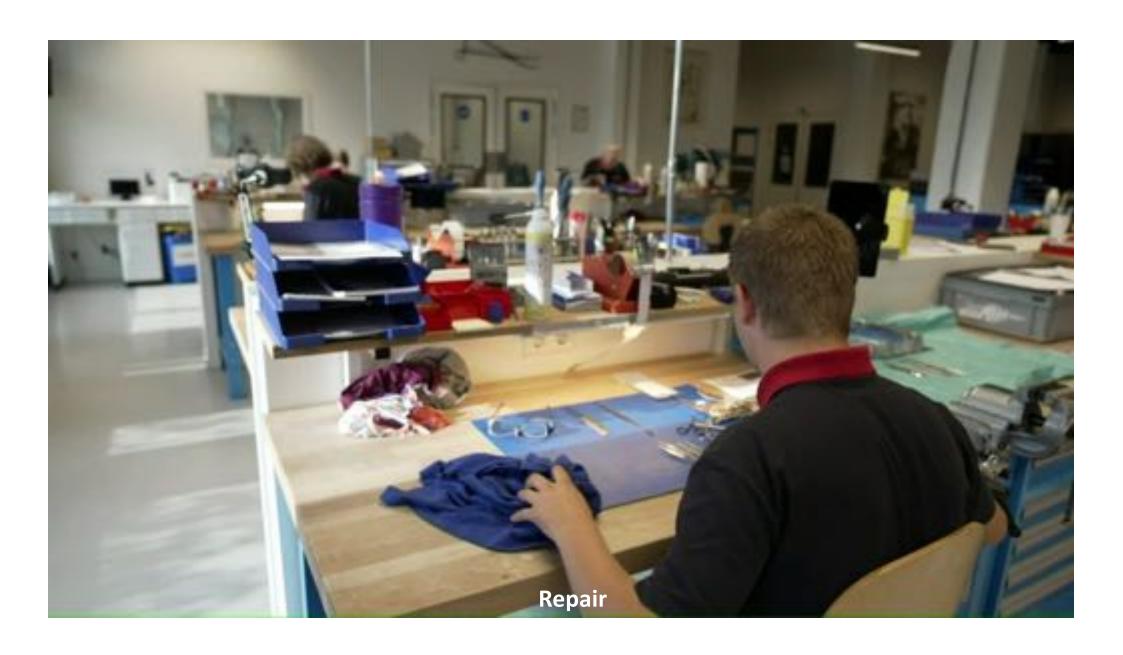
Our mission is to reduce waste streams by:

- Reduce: We advice to use less disposable instruments and more reusable instruments.
- Reuse: Repair of instruments instead of replacement.
- Recycle: We successfully recycle packaging, wrapping paper and steel waste into new materials.
 Our mission is to manufacture new products out of recycled hospital waste.











We make new products out of recycled stainless steel instruments and plastics







Perspective Surgeon/Chief Medical Buyer:

Dr. Joost van der Sijp, MD

Surgeon- Oncologist & Chief Medical Buyer
Haaglanden Medical Center, the Netherlands, co-founder of GreenCycl

- As a healthcare professional I want to state that our hospital will not pay for any development or pay more for products which are green.
- Next do that I do not want my staff to be busy to sort waste to seperate streams or remove stickers or tape.
- I co- founded GreenCycl a FieldLab to experiment with reusing, remanufacturing an recycling of medical waste.





Circular Economy:

- Reduce dependancy on raw materials
- Reduce waste streams
- Reduce climate change impact













Perspective from the hospital's Green Team:

Corinne Riekwel

Expert Sterile Medical Devices

Maasstad Hospital, the Netherlands and co-initiator of blue wrap recycling



The need to change:



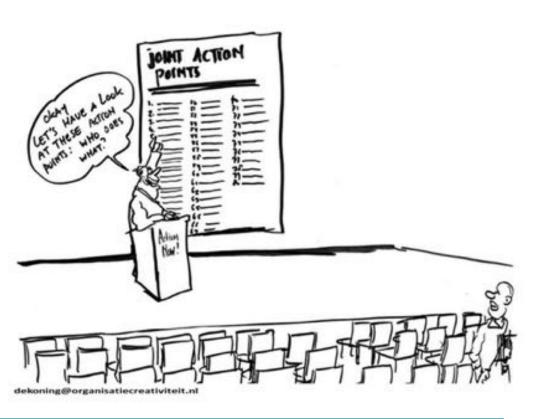


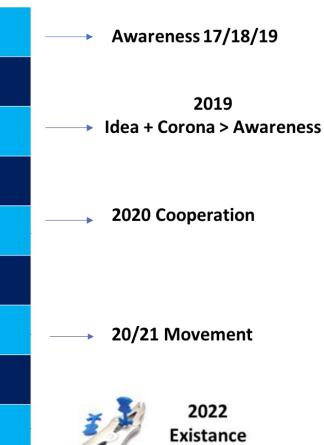
Perspective of Hospital staff
Corinne Riekwel





Awareness, cooperation and action!







Change workflows of transending departments

Central Steril Supply Department









Share your experiences!



Operation theatre









Cooperate in Greenteams!



Logistics







Searching for a sustainable transport!



Honor labour

Appreciation of knowledge







Celebrate achievements!

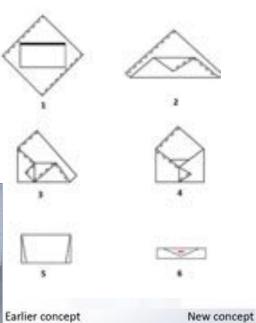






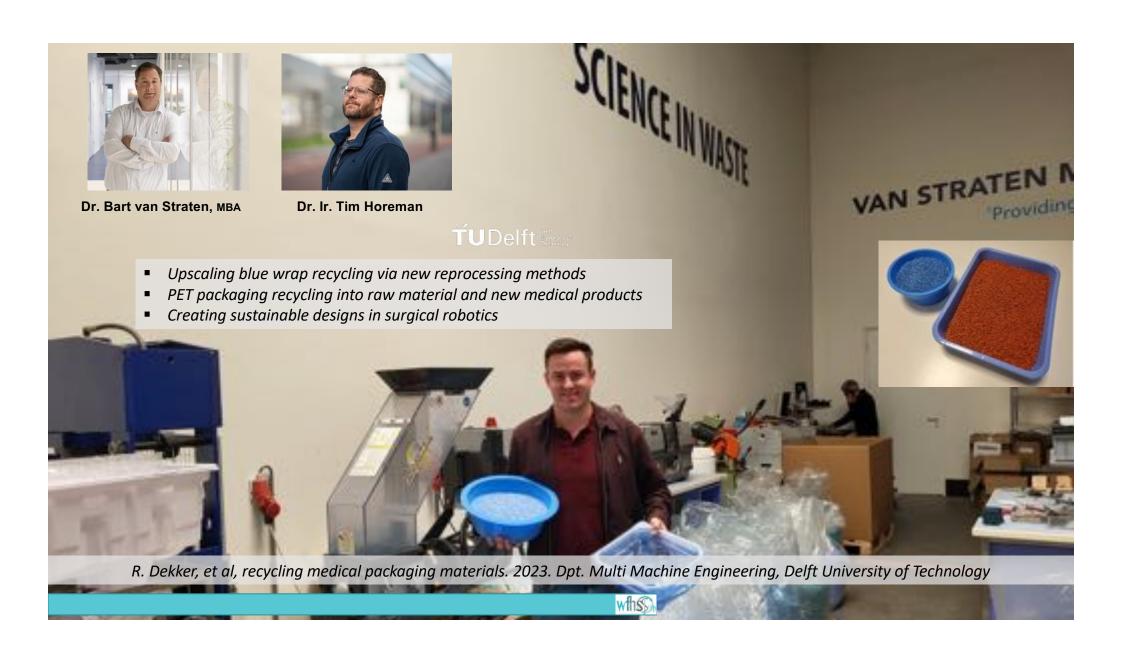
Next steps:



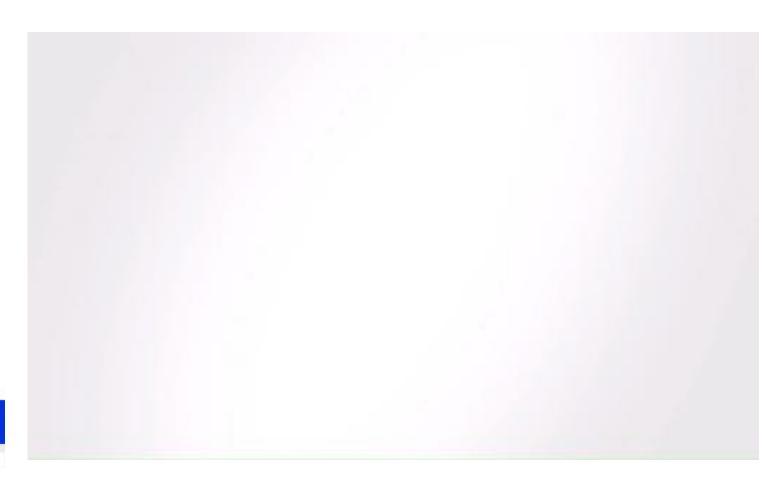




wfhs



Learn how to develop circular strategies: Free Online MOOC course 'Circular Strategies for Hospitals and companies





Speak less, listen more!



Share your experiences!

