

Healthcare Waste and Resources Research Group Report 2017

1.BACKGROUND

This document sets out the main activities and key achievements for the Healthcare Waste and Resources Research (HCWRR) Group during 2017. It also outlines some of the key plans for the Group in 2018 and beyond.

2.THE YEAR PAST

Meetings

A total of five Steering Committee meetings were held during the year (Table 1).

Table 1: Steering Committee meeting dates for 2017

| | | Date | | | | |
|----------------------|-------------------------------------|-----------|----------|-----------|-----------|------------|
| INDIVIDUAL | ORGANISATION | 20/1/2017 | 5/5/2017 | 14/7/2017 | 20/9/2017 | 13/10/2017 |
| Terry Tudor | University of Northampton | √ | √ | √ | √ | √ |
| Anne Woolridge | Independent Safety Services Ltd. | √ | √ | √ | √ | √ |
| Mark Lepine-Williams | Frimley Health NHS Foundation Trust | √ | √ | √ | √ | X |
| Maria Mahon | Verdis | √ | √ | √ | √ | √ |
| Ed Van Reenen | Bywaters | √ | X | √ | √ | √ |

Activities

A one day seminar was held on 5 October, 2017, at the home of the Northampton Town Football Club. The event, which was sponsored by Cloud Sustainability, Bywaters, Olleco, Sharpsmart, GV Health and Econix was attended by 67 delegates.

The work shadowing scheme for students continued. The scheme entails students spending two days work shadowing various operations within the organisation. In 2017, two 'work shadows' took place. One was held in conjunction with SRCL, by a final year Waste Management student, Stephen Angue, and the second with Grundon, by a final year Geography student, Becky Jenkins.

There have been various research activities:

- A Master's dissertation on needle stick injuries, with a student in Sudan
- Collaborative projects are ongoing with Professor Mentore Vaccari from the University of Brescia and Dr Terry Tudor in Italy

Communication

The email bulletin 'Waste Stories' continues to be sent out to all members on a (generally) weekly basis, informing of relevant news stories, events, policy updates, etc. **If you would like to be included on the list, please send an email to terry.tudor@northampton.ac.uk**

Updates on the Group's activities, as well as relevant reports and publications can be found on the Group's blog <http://mypad.northampton.ac.uk/hcwrr/>. **If there is any information that you would like to have added, please email terry.tudor@northampton.ac.uk**

Publications

Two academic manuscripts, as well as an article in a 'trade' journal were published during the year:

Vaccari, M., Tudor, T. L. and Perteghella A. (2017). Costs associated with the management of waste from healthcare facilities: an analysis at national and site level. Waste Management and Research. In press.

Vaccari, M., Montasser, W., Tudor, T. L. and Leone, L. (2017). Environmental audits and process flow mapping to assess management of solid waste and wastewater from a healthcare facility: an Italian case study. Environmental Monitoring and Assessment. 189(5): 0167-6369.

Tudor, T. L. (2017) Strategic management of waste and resources in health and social care. British Journal of Healthcare Management. 23(1):.8-11.

3.PLANS FOR 2018 AND BEYOND

There are two main events planned for 2018, namely a workshop on 2 May, 2018, focusing on remanufacturing/repair/reuse of bulky items, as well as the effective management of single use items in healthcare facilities.

There will be a second workshop in the Autumn, in Sheffield, looking at effective waste segregation and hazardous waste.

TTudor

HCWRR Group Coordinator

11/12/2017

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