

## Healthcare Waste and Resources Research Group Report 2015

### 1.BACKGROUND

This document sets out the main activities and key achievements for the Healthcare Waste and Resources Research (HCWRR) Group during 2015. It also outlines some of the key plans for the Group in 2016 and beyond.

### 2.THE YEAR PAST

#### *Meetings*

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

**Table 1: Steering Committee meeting dates for 2015**

INDIVIDUAL	ORGANISATION	Date			
		25/2/2015	19/5/2015	18/9/2015	8/12/2015
Terry Tudor	University of Northampton	√	√	√	√
Anne Woolridge	Independent Safety Services Ltd.	√	√	√	√
Helen Murphy	Hampshire Hospitals NHS Foundation Trust	X	√	√	x
Andy Stratton	Augean	X	X	√	x

#### *Activities*

There have been no specific events, as the year has been dedicated primarily to planning for the 2016 conference (see Section 3).

However, there have been various research activities:

- Costanza Viani, a recent graduate of the MSc Wastes Management programme at the University of Northampton (UoN) examined resource recovery potential for laryngoscopes in selected hospitals in Italy and England, for her dissertation

- Steve Lee, a recent graduate on the MBA Wastes Management programme at UoN undertook an comparative analysis of the use of deep landfill, EFW and alternative technologies for managing healthcare waste, for his dissertation
- A UoN undergraduate student is currently conducting research into energy management at the Northampton General Hospital
- Collaborative projects are ongoing with Professor Mentore Vaccari from the University of Brescia and Dr Terry Tudor, in Italy and abroad

### *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](mailto: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](mailto:terry.tudor@northampton.ac.uk)**

### *Publications*

Four articles were published during the year:

Caniato M., Tudor TL., Vaccari M. (2015). International governance structures for health-care waste management: a systematic review of scientific literature. *Journal of Environmental Management*. 153: 93 - 107

Caniato M., Tudor TL., Vaccari M. (2015). Understanding the perceptions, roles and interactions of stakeholder networks managing health-care waste: A case study of the Gaza Strip. *Waste Management*. 35: 255 – 264

Tudor TL, Baddley J., Mayhew-Manchón, Mayhew-Manchon L (2015). Examining the uptake of low-carbon approaches within the healthcare sector: case studies from the National Health Service, in England. *International Journal of Healthcare*. 1(1): 61 – 68.

Tudor T. (2015). Managing waste: safety and waste management training provision. *European Medical Health*. February. pp 8 – 15.

## **3.PLANS FOR 2016 AND BEYOND**

The main event for next year will be the two day conference to be held on 14 and 15 April, 2016. It will be held at the St Thomas' Hospital in London. Further details are available at the link below:

[http://shop.northampton.ac.uk/browse/extra\\_info.asp?compid=1&modid=1&deptid=24&catid=60&prodvarid=30](http://shop.northampton.ac.uk/browse/extra_info.asp?compid=1&modid=1&deptid=24&catid=60&prodvarid=30)

**TTudor**

**HCWRR Group Coordinator**

**15/12/2015**

**[terry.tudor@northampton.ac.uk](mailto:terry.tudor@northampton.ac.uk)**

**Tel: 01604 893372**