

# Unit 3.1 Collection and Transport of Faecal Sludge

## 1. INTRODUCTION

This Unit corresponds with Chapter 4 of the FSM book. It presents the current state of knowledge for how FS can be collected from onsite technologies, and transported to treatment facilities, including the role of transfer stations. Technologies are explained including social, procedural and technical aspects. Manual, manually operated mechanical and fully mechanised technologies are presented. The importance of health and safety issues regarding FS collection and transport are also presented.

The chapter was prepared by Georges Mikhael of WSUP (Water and Sanitation of the Urban Poor), David M. Robbins (independent consultant), James E. Ramsay (independent consultant) and Mbaye Mbégueré (ONAS, Office National de l'Assainissement de Senegal). The key note speech of this Unit is a little bit different again from other key notes in that it is built up from a blend of speech by David M. Robbins and videos from various local examples, which makes it very interesting and dynamic.

## 2. LEARNING OBJECTIVES

The learning objectives for Unit 3.1 Overview of Treatment Technologies are to:

- Understand the social, procedural and technical aspects related to the collection and transport of faecal sludge from onsite sanitation technologies, and of its range of magnitude.
- Know which types of equipment can be applied for different types of onsite sanitation technologies.
- Be aware of the issues and variables in the transport of faecal sludge to treatment point or transfer station.
- Know what faecal sludge transfer stations are, how they are operated and which factors influence their location.
- Be aware of the health and safety issues regarding faecal sludge collection and transport.

## 3. THINGS TO DO; PLACES TO GO

In order to complete this Unit successfully, please do the following:

- Watch the key note speech of Unit 3.1
- Go through the PowerPoint presentation of Unit 3.1
- Read Chapter 4 of the FSM book
- Check the Course page for any recommended reading materials or web pages
- Check the assignment list