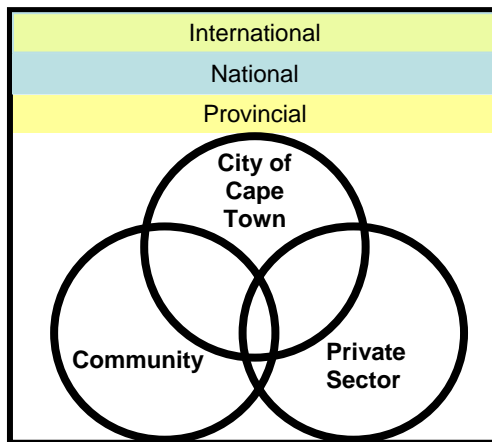


## Stakeholder Interaction Analysis

The principle actors in solid waste management are the municipality, the community and the private sector.

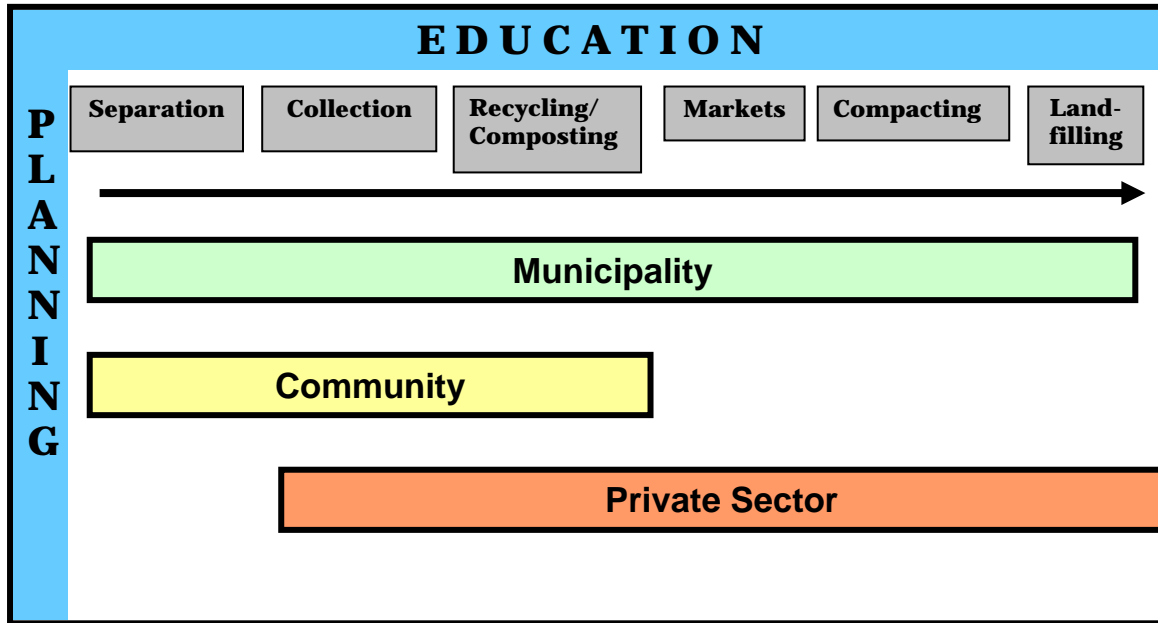


Solid waste management is a highly interactive process between multiple stakeholders. As the central actor, most Cities are obligated by national laws within the Municipal Systems Act to *ensure* the provision of solid waste services to their jurisdiction. However, the City is not obligated to provide these services itself and may incorporate the private sector and community organizations into the process.

**Figure 2** City of Cape Town has developed formal partnerships with the private sector to provide a range of services. However, while the City has acknowledged the community's role in education, advocacy, small-level business development and collection services, it has been slower to incorporate community organizations in formal partnerships

Overall, the multiple levels of stakeholders each play critical roles; successful SWM strategy seems to develop from recognizing this and fostering constructive interactions.

### Stakeholder Participation Analysis



**Figure 3: Stakeholder Interaction**

Designing and implementing a SWM system involves many processes and participation from multiple stakeholders. The diagram above highlights the key processes involved in Cape Town's disposal of waste products. After consumption, waste products enter the waste stream through some form of separation; typically they go either to a trash bin or a recycling bin. Second, collection services will collect the products and bring them to different facilities depending on the form of waste. Third, some of the waste is taken to a recycling/composting facility where it is manipulated into a new form and sold back into the market (for example recycled bottles or composted soil). On the other hand, if a waste product is not recyclable or compostable it goes straight from collection to compaction and on to disposal in a formal landfill. In addition, planning and education play a critical role throughout the entire process.

