

# [Municipal Solid Waste \(MSW\) PPPs](#)

## Full Description

While municipalities are generally responsible for solid waste services, the private sector has long been involved in the municipal solid waste sector through outsourcing arrangements and informally through waste picking and sorting.

Recent trends in involvement of the private sector in the municipal solid waste sector in developing countries are partly driven by more stringent environmental standards and the recognition that the private sector can play a significant role in improving environmental and hygiene issues around solid waste collection and disposal. They include:

- regularizing of waste picker initiatives as part of the public-private partnerships (PPP) solution
- introduction and promotion of more output focused contracts for street cleaning and solid waste collection
- involvement of the private sector in treatment and disposal projects to introduce technical innovation into through sanitary landfill technology, recycling and in waste to energy projects
- involvement of the private sector in financing capital investment.

Navigate the following subsections for more information and sample laws and agreements:

- [Municipal Solid Waste Laws and Regulation](#)
- [Sample municipal Solid Waste Agreements](#)
  - [Street Cleaning and Waste Collection Service Contracts](#)
  - [BOT DBO and Concession Contracts for Solid Waste Disposal, Sanitary Landfill and Recycling](#)
  - [Integrated Systems for Solid Waste Management](#)
- [Toolkits in Municipal Solid Waste and Waste Management](#)
- [Initiatives to Promote Micro-enterprise to Regularize the Informal Sector](#), see below.
- [Further Reading on Municipal Solid Waste](#), see below.

## **Initiatives to promote micro-enterprise to regularize informal sector**

A major challenge in the solid waste sector in developing countries is the informal sector and waste picking and finding ways to incorporate or regularize these activities into the private sector solution. One solution that creates livelihood for urban poor is through the incorporation of micro-enterprises and informal waste recycling cooperatives into the municipal solid waste management system. Research has shown that the

promotion of micro-enterprises is an effective way of extending affordable services to poor urban communities. An example of where this has been achieved successfully is in [Argentina](#) (pdf).

For guidance on some of the solutions being adopted for regularizing the informal sector, go to the PPIAF Gridline [The informal recycling sector in developing countries, organizing waste pickers to enhance their impact](#).

GIZ - [Role of Informal Sector in Solid Waste Management and Enabling Conditions for its Integration \(2011\)](#)

## Further reading

- [Waste PPPs](#), Handshake, International Finance Corporation's (IFC's) quarterly journal on public-private partnerships, Issue # 12, 2014.
- Encap Africa has developed a section on solid waste in its [Environmental Guidelines for Solid Waste Activities in Africa](#), which includes a number of links and useful references for decision makers and planners in the solid waste sector
- Collaborative Working Group on Solid Waste Management in Low and Middle Income countries – [Private Sector Management In Solid Waste Activities – booklet](#)
- [Managing municipal solid waste in Latin America and the Caribbean](#) – PPIAF
- [Toward Sustainable Municipal Organic Waste Management in South Asia](#) – Asian Development Bank (ADB)
- [The Garbage Book: Solid Waste Management in Metro Manila](#) – Asian Development Bank (ADB)
- [Partnerships for Better Municipal Management](#) – Asian Development Bank (ADB)
- [Municipal Solid Waste Treatment: Case Study of Public-Private Partnerships \(PPPs\) in Wenzhou](#) – Asian Development Bank (ADB)
- [World Bank's Urban Solid Waste Management Toolkit](#)

## See also:

- [Climate-Smart PPPs](#)

### Related Content

[Municipal Solid Waste \(MSW\) PPPs](#)

[Solid Waste Laws and Regulations](#)

[Solid Waste Sample and Contracts: Street cleaning and waste collection](#)

[BOT DBO and Concession Agreements for municipal solid waste disposal, recycling, sanitary landfill and waste to energy](#)

[Integrated Systems for Solid Waste Management](#)

[Municipal Solid Waste and Waste Management PPP Toolkits](#)

### 3RD Party Related Content

[Initiatives to Promote Micro-enterprise to Regularize the Informal Sector](#)

[Further Reading on Municipal Solid Waste](#)

### Additional Resources

[Sub-national and Municipal PPPs](#)

[Sub-national and Municipal PPP Project Documents by Sub-Sector](#)

[Sub-national and Municipal Policies Laws and Regulations](#)

[Guidance Manuals for Local Governments](#)

[Municipal Public-Private Partnership Framework](#)

[Further Readings on Sub-national PPPs](#)