

# **Public-Private Partnerships** in Resource Recovery and Reuse

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#### Content

Why? Background and motivation

What? IWMI and public-private partnerships (PPP)

**How?** Example: PPP setup in Ghana

What next? Lessons and opportunities



### Why? Background and motivation

Resource recovery and reuse to \_\_\_\_\_ease the waste burden \_\_\_\_generate additional income

Public-private partnerships to \_\_\_\_\_ complement resources and skills \_\_\_\_ build and sustain viable value chains



### What? Public-private partnerships (PPP)

are cooperation projects between public and private partners.

The contributions are combined in a way that partners reach their objectives

faster, cheaper and more efficiently.

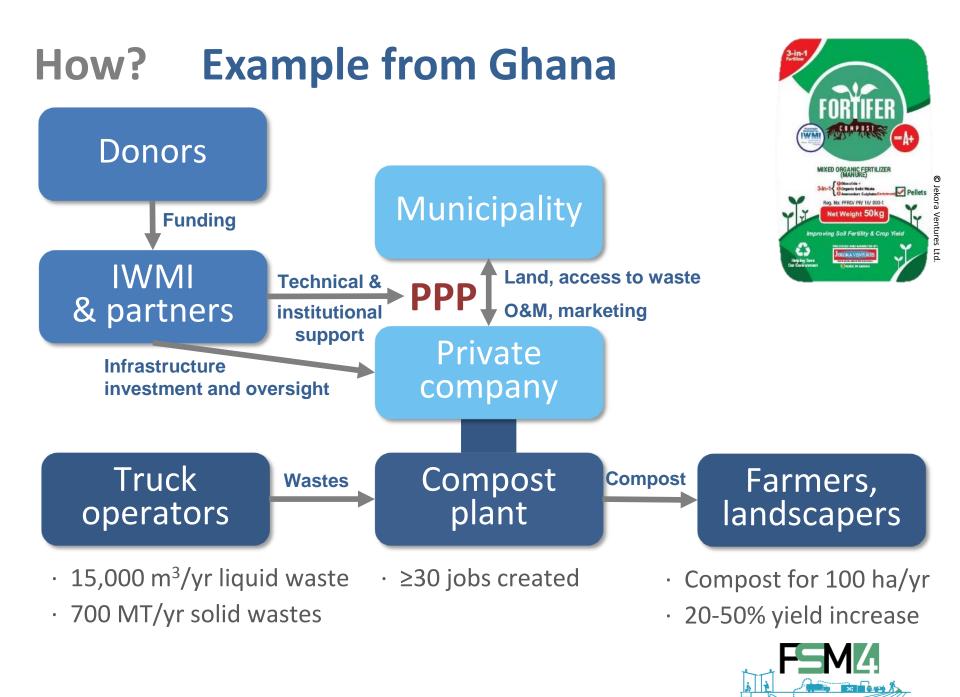


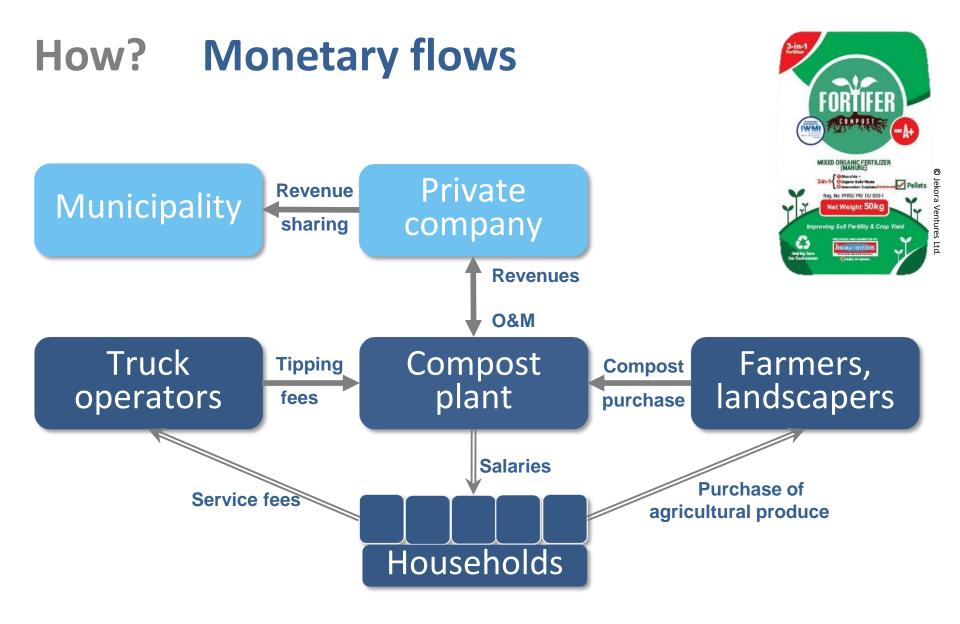
**Source**: working definition derived from definitions by GIZ ("Development Partnerships"), Global Compact LEAD ("Transformational Partnerships"), UNECE ("Public-Private Partnerships")

## What? PPP in IWMI's work

Activities	Analysis of farming systems, nutrient recycling, demand/supply, technology, institutions	Testing and comparing recycling options	based fertiliz <i>Fortifer</i> ®	zers Pelletization	Commercialization and process optimization
	2000	2001-2004	2005-2010	2011-2012	2013 - 2017
onors	IDRC	French pSEau, SDC, KEZO, SANDEC	Swiss NCCR,	IDRC, BMGF	BMGF, DFID, GCC, MLGRD (Ghana)









### What next? Lessons

- · 'Business thinking' helps spur valorization
- Limited PPP management capacities
- High transaction costs, opaque incentive structures
- · Underdeveloped supply chains
- Risky upfront investment





# What next? Opportunities



- · Invest in stakeholder alignment to minimize risks
- Transfer technologies and build PPP capacity (e.g. tools)
- · Develop functional cost- and risk-sharing mechanisms
- Establish joint management and supervisory bodies
- · Actively build value chains to attract investment



#### In a Nutshell...



- Public-private partnerships (PPP) support effective resource recovery and reuse.
- PPP management capacity needs to be developed across operational and leadership functions.
- Active value chain and business development help attract investment.

