

Policy Instruments for Waste and Resources Management

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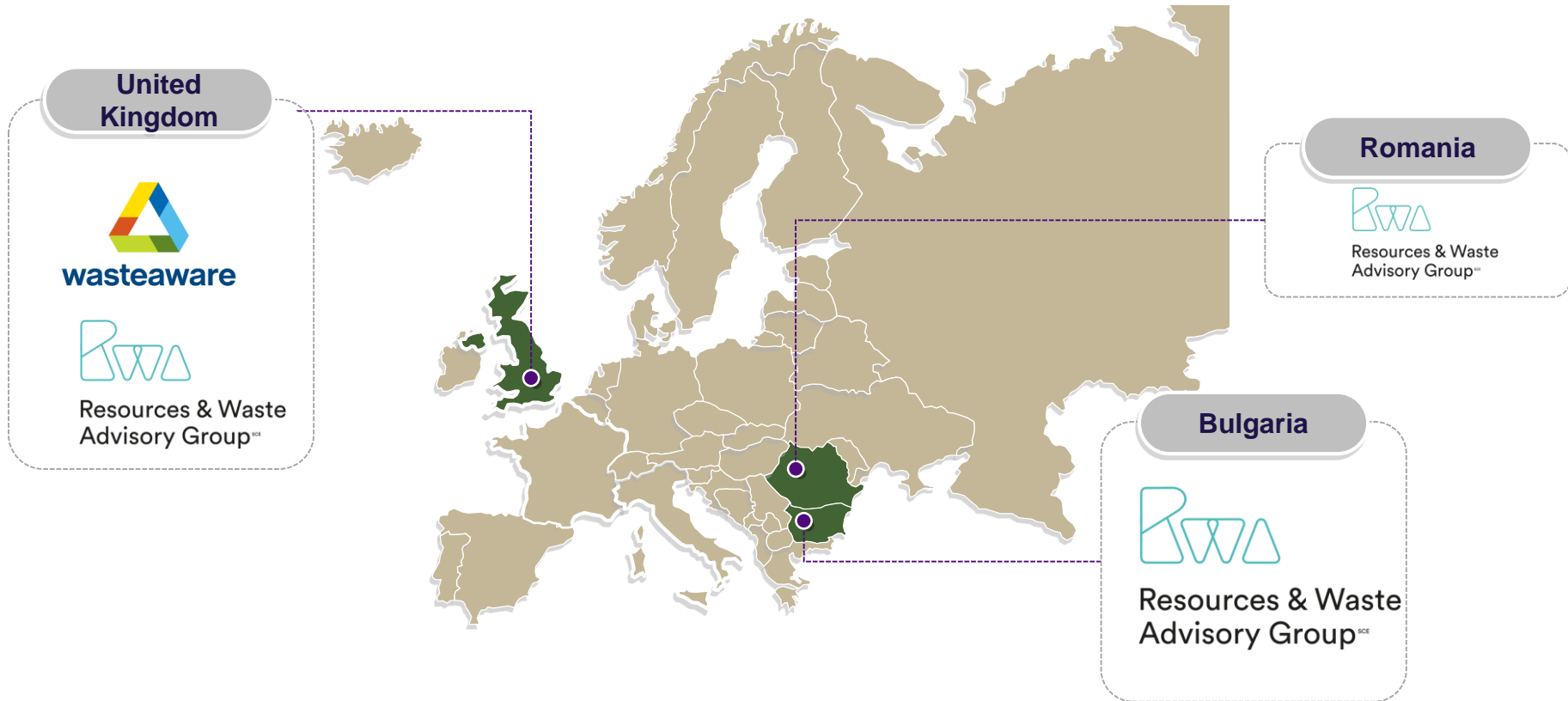
Resources & Waste
Advisory Group



wasteaware



RWA Group



United Kingdom



wasteaware



Resources & Waste Advisory GroupSM

Romania



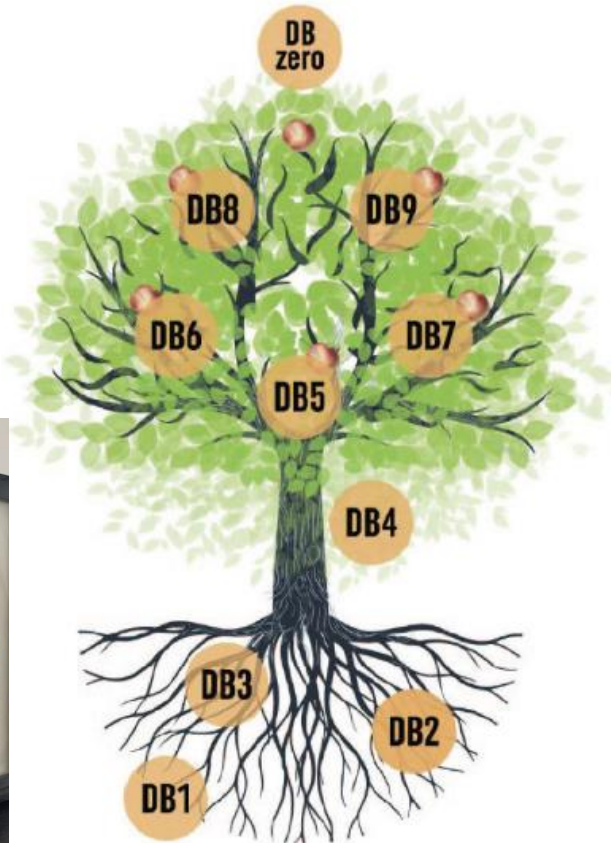
Resources & Waste Advisory GroupSM

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The Nine Development Bands



Key to the Development Bands (DBs)

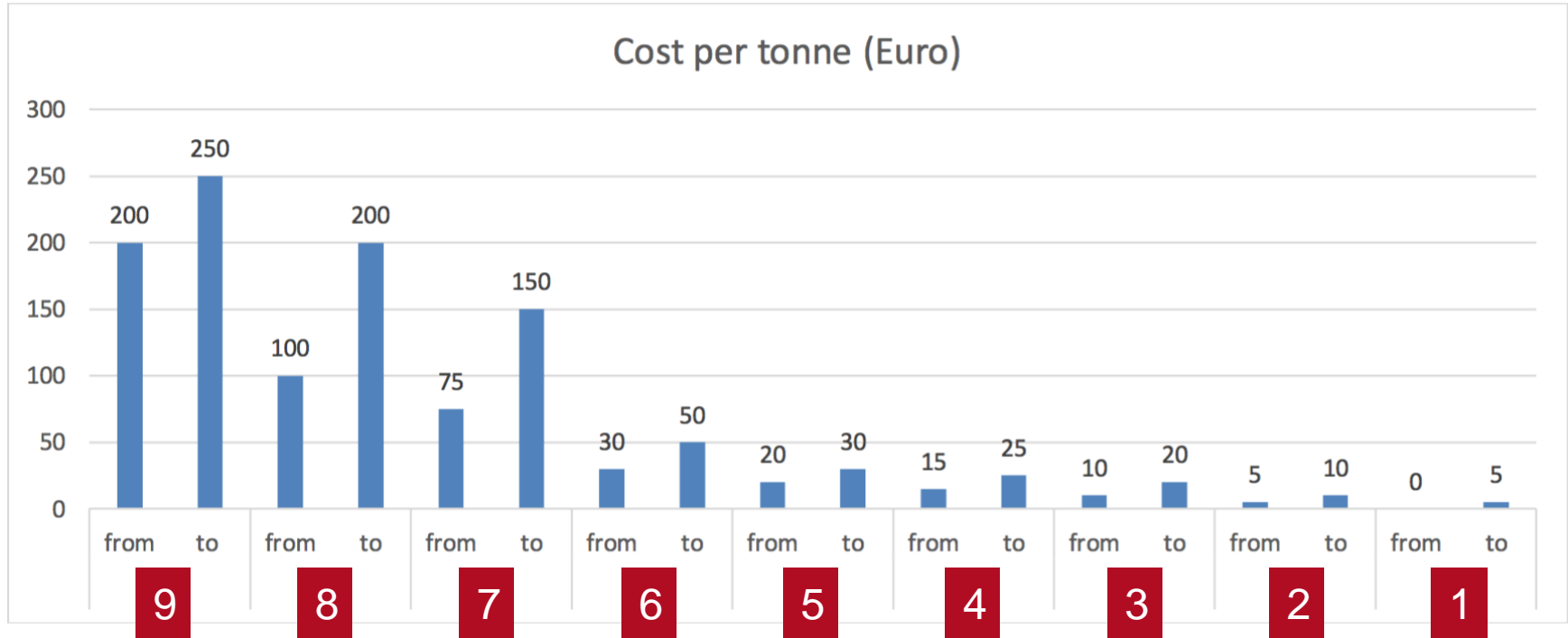
DB1	New Beginnings
DB2	Early Movement
DB3	Service Extension
DB4	Consolidating Control
DB5	The Target Baseline
DB6	Market Oriented Systems
DB7	High Recovery Systems
DB8	Policy Driven by Fiscal Mechanisms
DB9	Policy Driven by Technical Standards
DB Zero	Circular Economy

9DBs paper, open access download:
<https://journals.sagepub.com/doi/epub/10.1177/0734242X211035926>

Figure: © Andrew Whiteman



Costs through the Development Bands



Defining Policy Goals



Indicator 11.6.1

Proportion of municipal solid waste collected and managed in controlled facilities out of total municipal waste generated, by cities

Moving through DB 3&4

Increasing system complexity and cost

Maturing client/employer function

Larger/more powerful operators

Transitioning 'ownership'

Diversification of
revenue sources



Policy Instruments

Policy targets

Landfill taxes

Bans/obligations

Extended producer responsibility

Raw material/
product taxes

Deposit refund systems

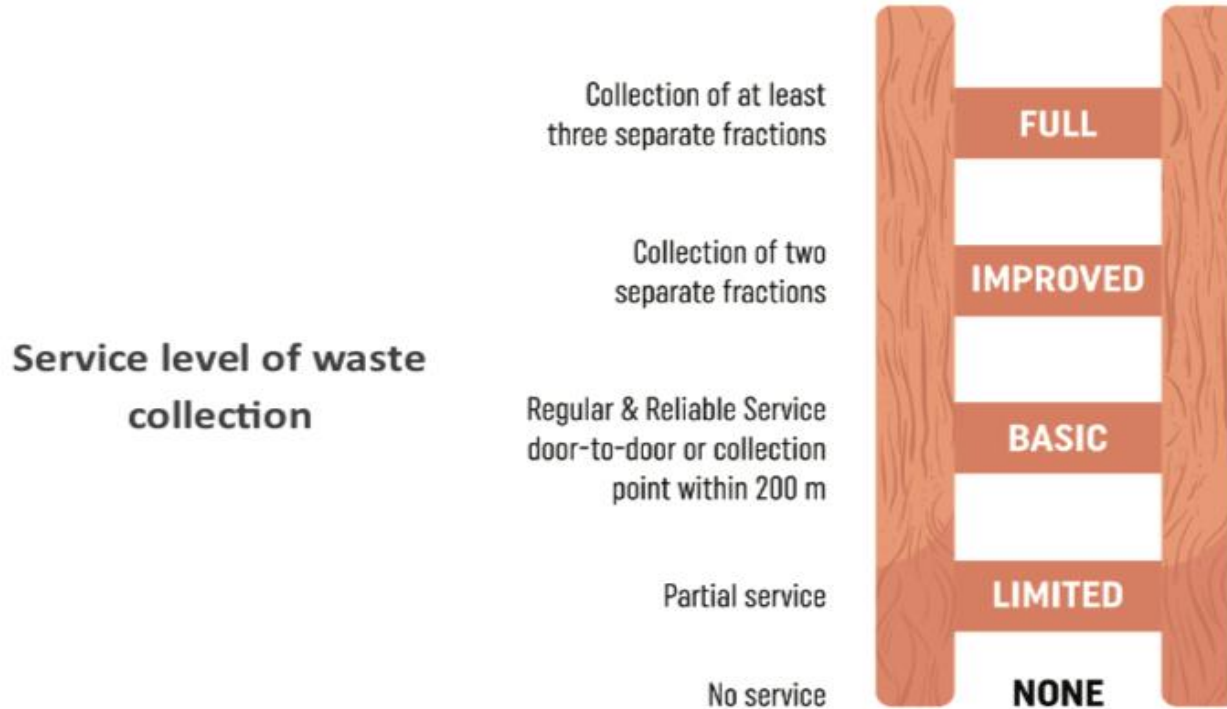
Awareness and education

Targeted MSME support

Pay as you throw

Policy delivery

Setting Policy Targets - Collection



Setting Policy Targets - Disposal

**Control level of
waste management
facilities
(example used:
landfill)**

Fully engineered with
full operational control

Engineered, with full
operational control

Good operational
control

Some operational
control

No service

FULL

IMPROVED

BASIC

LIMITED

NONE

Delivering on Policy




Institutional functions and Accountability

Adapted from [Soos et al. \(2013, 2017\)](#), [Wilson et al. \(2000\)](#) and [Whiteman, \(2010\)](#)

<https://journals.sagepub.com/doi/epub/10.1177/0734242X211035926>



Benchmarking, Monitoring and Evaluation

		
<p>The Waste Wise Cities Tool provides comprehensive methodology for collection and analysis of primary data on baseline SWM situation</p>	<p>The Waste Flow Diagram provides an assessment of the materials flows, leakages and fates of plastics.</p>	<p>The Wasteaware Benchmark Indicators provides an assessment of the Physical and Governance aspects of the existing system.</p>

<https://rwm.global/>

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