

# Ayrshire Joint Strategic Waste Management Project



**Current position and plan for the future**

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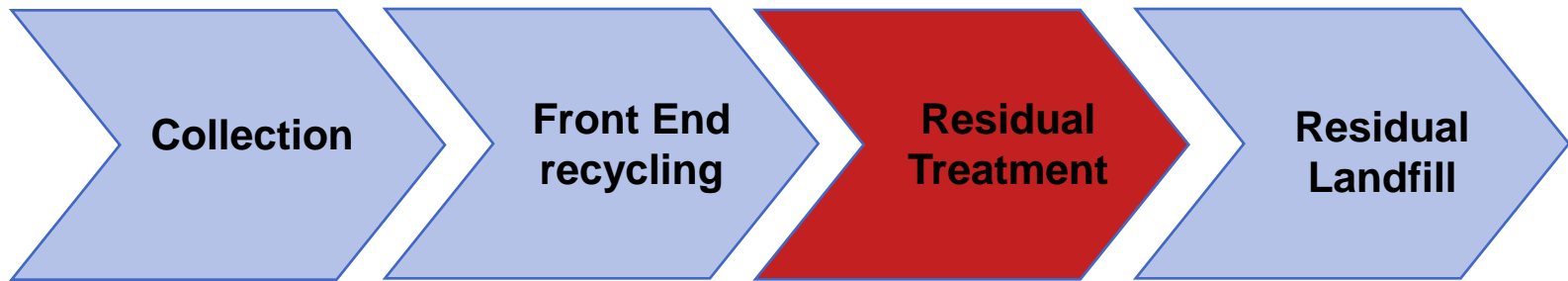
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# Project Background

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# Zero Waste Targets

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	2010	2013	2020	2025
(a) Recycled or Composted	40%	50%	60%	70%
(b) Energy Recovery	4%	14%	25%	25%
(c) Landfill	56%	36%	15%	5%

# Project Objectives

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Procure a long term residual treatment contract that:

- Delivers compliance with waste targets
- Enhances recycling with potential for energy recovery
- Cost effective
  - Avoid severe financial penalties
    - Landfill tax increases
    - WET Act allowance penalties
  - Contributing to local economic development

# Project Scope

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## Residual waste treatment contract

### Includes:

- ❖ Treatment of circa 70,000 tpa of Ayrshire's residual MSW.
- ❖ Capacity equivalent to maximum residual MSW input to EfW.
- ❖ Markets/outlets for all treatment products/residues.

### Excludes:

- ❖ Waste collection
- ❖ Source segregated recycling
- ❖ Landfill sites operation etc

# Project Approach

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## **Output-based long term contract (25yrs +5)**

- Sustainable waste management within Ayrshire;
- High quality services;
- Cost effectiveness;
- Deliverability of capital works;
- Technical capability;
- Affordability; and
- Sound risk management.

# Potential Solutions

	Pyrolysis	MBT	MHT	AD	Gasification
BMW Diversion	Green	Yellow	Yellow	Green	Green
Recycling	Yellow	Green	Green	Yellow	Yellow
Emissions	Orange	Orange	Orange	Yellow	Orange
Energy Generation	Green	Orange	Orange	Green	Green
MSW References	Red	Yellow	Orange	Red	Orange
Landtake	Yellow	Orange	Yellow	Yellow	Yellow
SIGNIFICANT NEGATIVE BENEFIT		NEGATIVE BENEFIT	POSITIVE BENEFIT	SIGNIFICANT POSITIVE BENEFIT	
MBT	Mechanical Biological Treatment				
MHT	Mechanical Heat Treatment				
AD	Anaerobic Digestion				
BMW	Biodegradable Municipal Waste				
MSW	Municipal Solid Waste				



# Overview of Current Progress

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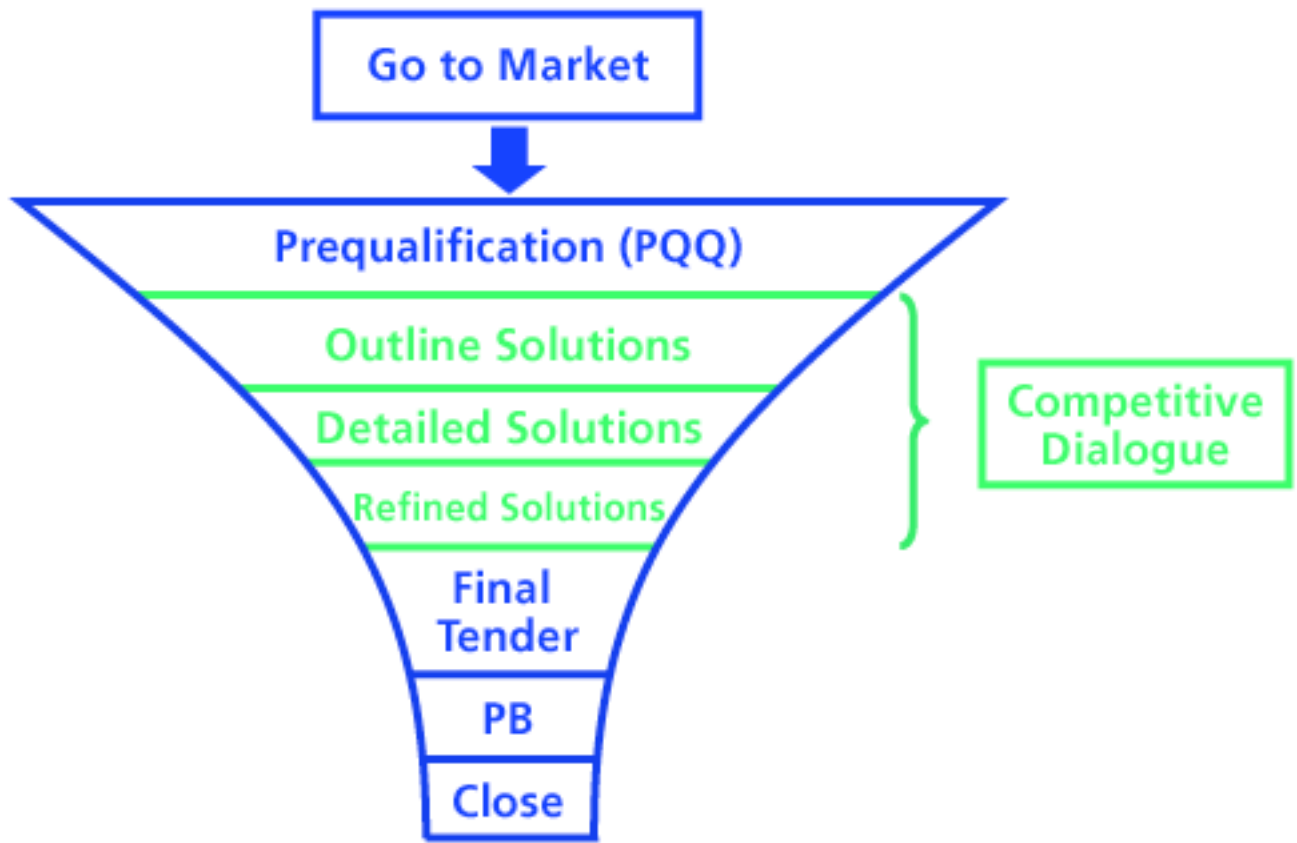
- Published a contract notice in the OJEU on 10 August 2009;
- Recently completed an evaluation of six PQQ submissions from bidders;
- Recently appointed Legal and Financial Advisers;
- Due to embark on the Invitation to Participate in Dialogue (ITPD) stage.

# Next Project Steps

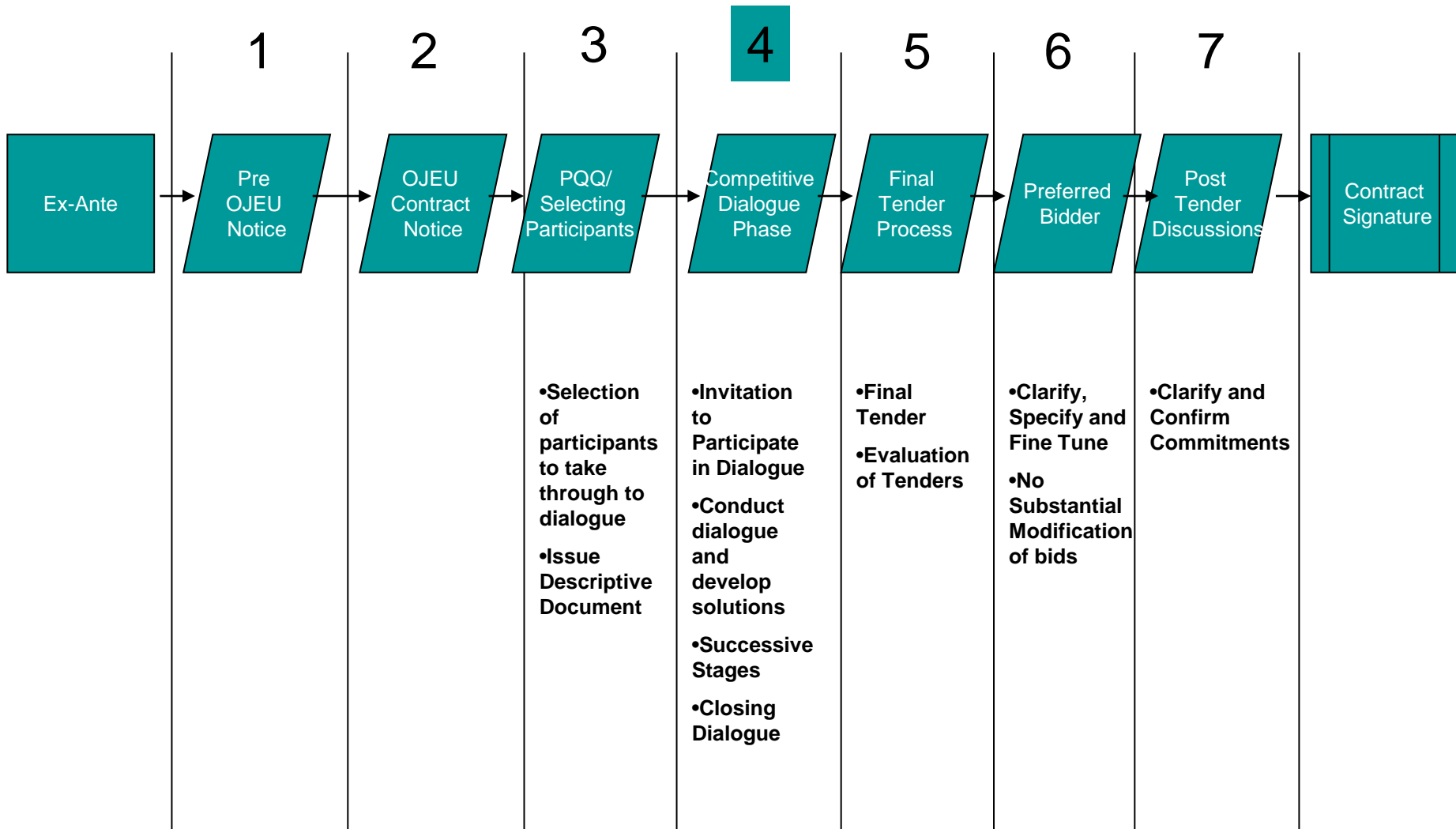
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- Develop Invitation to Participate in Dialogue (ITPD) Documents.
- Issue documents to successful bidders inviting them to participate in the dialogue process.
- Conduct Competitive Dialogue with bidders.

# The Selection Funnel - an overview



# Competitive Dialogue Overview



# Estimated Project Timetable

<b>Task/Milestone</b>	<b>Proposed Date</b>
<b>OJEU Notice Issued</b>	<b>10<sup>th</sup> August 2009</b>
<b>Bidders Day</b>	<b>2<sup>nd</sup> September 2009</b>
<b>PQQ Submission</b>	<b>24<sup>th</sup> September 2009</b>
<b>Short-list Bidders / Invitation to Participate in Dialogue</b>	<b>November 2009</b>
<b>Competitive Dialogue Period</b>	<b>November 2009 to October 2010</b>
<b>De-select Bidders and Invitation to Submit Final Tenders</b>	<b>October 2010</b>
<b>Submission of Final Tenders By Bidders</b>	<b>December 2010</b>
<b>Selection of Preferred Bidder</b>	<b>February 2011</b>
<b>Contract and Financial Close</b>	<b>April 2011</b>
<b>Operational Commencement</b>	<b>April 2013 (Estimate)</b>

# Q&A

