



SWiP^{Co} DP

Simply, a different standard

A joint venture



SWIP Product Overview Package



www.dpswipco.co.uk



nigel.stone@dpswipco.co.uk



matthew.purdy@dpswipco.co.uk

Introduction

A SWIPSo plant is a small-scale waste incinerator plant, supplied as a standard turnkey package. It converts refuse-derived fuel (RDF) into electricity, processing 3 t/hour (24,000 t/year) and delivering 2.2 MWe of net electrical output.

Based on a standardized, modular design, the plant is designed for independent waste operators, skip hire, waste management and energy businesses who need a cheaper, faster waste to energy plant solution than the bespoke solutions that are currently available.

The SWIPSo minimizes cost and lead time through the efficiencies of using a standardized design and dedicated production line. We expect these efficiencies to improve further over time.

Indicative Timeframes

- Production lead time is 20 months from formal commitment.
- 2 plants are already under contract for delivery in 2028, 2 further contracts are under discussion.
- Plants contracted by mid-2027 can be available in early 2029.
- We can accommodate 3-4 projects a year, ramping up production from 2029 onwards.

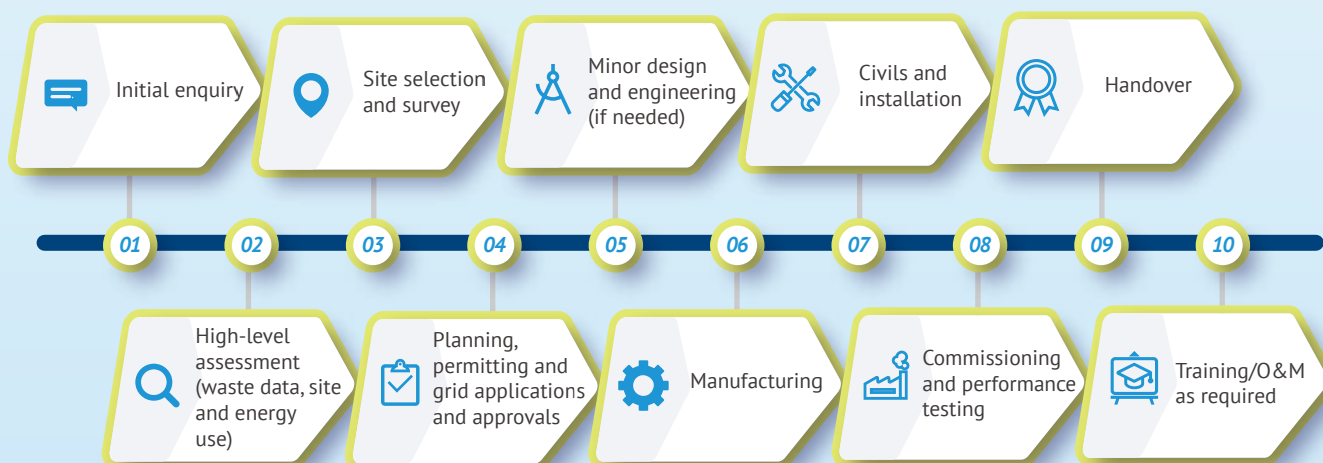
How to Proceed with a SWiPSo Plant

Clients may be at different stages of project development. Typically, permitting and planning precedes plant design and manufacturing. A standard product simplifies both phases.

DP SWIPCo can work with clients at any stage to streamline and expedite the process of project completion.

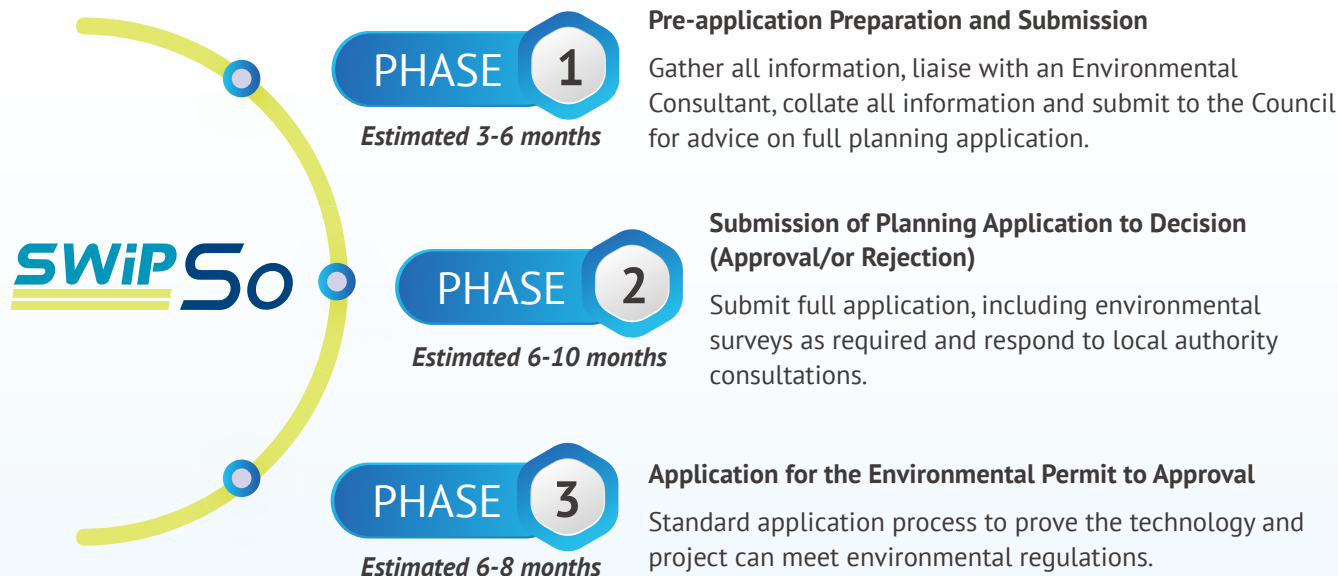
If you're unsure how to proceed, talk to us and we can help.

High Level Process



Planning and Permitting

Because the SWIPSo is a standardised product, planning and permitting submissions are more easily replicated from site to site, making the process simpler and quicker. We can support you through both stages.



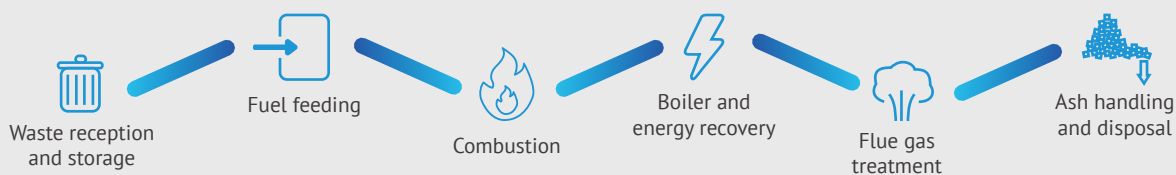
Post Commissioning

Operations and Maintenance

DP SWIPCo can provide O&M services to run your plant after commissioning. Alternatively, we can provide O&M support and training as needed. Talk to us about how these options may fit into your development plans.

Product Specifications

Process: Waste reception and storage, feeding, combustion, boiler and energy recovery, flue gas treatment, and ash handling and disposal



Capacity: 3 t/hour (24,000 t/year)

Electrical output: 2.8 MWe gross; 2.2 MWe net after parasitic load

Operating hours: Approximately 8,000 hours per year

Availability: 91.3%

Plant footprint: 90m² x 35m², between 0.5-1 acre

Stack height: 18m

Design life: 20-year design life; 2-year warranty

Waste acceptance: Refuse-derived fuel (RDF) with a calorific value (CV) of 10–15 megajoules per kilogram (MJ/kg)

Emissions performance: Compliant with the emission limits of the applicable standard; continuous emissions monitoring system (CEMS) specifications

Residues: Bottom ash and air pollution control (APC) residue quantities

Utilities required: Water, power, auxiliary fuel

Staffing: 2-3 operators

Scope of Activities

DP SWiP Co delivers SWIPSo as a full turnkey EPC package, excluding civil works. However, the exact division of responsibilities can be agreed with clients.

Activity	Notes
High-level assessment - economic and other variables	Based on waste, site and energy data supplied by the client
Site provision and access	As required to support construction
Site surveys	Topographic and ground investigation. Establish suitability for standard plant footprint
Planning and permit applications	DP SWiP Co assistance, including technical input (process data, layouts, emissions data)
Grid connection application and works	As per requirements
Waste supply agreements	As per business plan
Design and engineering	As per standard plant, with minor modifications if essential
Equipment manufacture and supply	As per standard plant
Civil works	Foundations, roads, drainage, plant buildings
Mechanical and electrical installation	Supervised by DP SWiP Co
Commissioning and performance testing	DP SWiP Co to commission
Operator training	DP SWiP Co to train
Operation and maintenance after handover	As per agreement



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