

Ramboll Denmark

Waste to energy

Leading waste-to-energy consultant Ramboll is a world-leading waste-to-energy consultant. We have a long track record of successfully planned and completed waste-to-energy plant projects and a large specialised team with an impressive level of expertise. We offer our clients independent consulting services, ensuring high-quality plants and solid commercial conditions. Long track record Ramboll has worked as a waste-to-energy consultant for more than four decades and has been involved in the planning and implementation of more than 40 waste-to-energy projects.

These projects have either involved the establishment of new green-field facilities, the addition of extra treatment capacity to existing facilities or the modification or addition of new equipment to existing facilities in order to meet more stringent environmental requirements.

Traditionally structured projects and PPP schemes

Ramboll's services within the energy-from-waste field cover traditionally structured projects as well as PPP schemes, and include:

- Technical, environmental and financial analyses
- Conceptual design and layout
- Procurement planning and project structuring
- Management of the procurement process
- Preparation of tender documents, bid evaluation and contract negotiations
- Contract management, supervision and commissioning
- Project follow-up

Green-field Waste-to-Energy Facilities and New Units Selected References

Client/ location	Country	Project	Capacity tpa	Ramboll's main responsibilities	Year
MV Kiel	Germany	New WtE unit (CHP)	100,000	Project planning, conceptual and detailed design, permits, management of the procurement process, preparation of tender documents, bid evaluation and contract negotiations. Civil engineering design	2006-2010
Regions of Durham and York / MacViro Consultants	Canada	Green-field WtE facility	250,000-400,000	Integration of architectural and technical design; overall development of the facility; and input during the procurement of the facility (pre-qualification and tender documents)	2006-2007
States of Alderney	Alderney	New waste treatment facility	500 kg/h	Updating of tender documents, tendering, evaluation of tenders, contract negotiations	2006
Tynes Bay Waste Treatment Facility	Bermuda	New WtE unit and upgrading of existing two units	Up to 100,000	Feasibility study and preparation of tender documents	2006-2007
Norsk Varme/ Kristiansand	Norway	Green-field WtE facility (CHP)	80,000	Planning, conceptual design, tendering, contracting, project/contract management, supervision, commissioning	2005-2009

SYSAV*	Sweden	New WtE unit (CHP)	210,000	Planning, conceptual design, tendering, contracting, project/contract management, supervision, commissioning	2005-2008
European Bank for Reconstruction and Development	Russia	Green-field fluidised bed sludge incineration facility in St. Petersburg	3 x 16,000	Lender's Supervisor	2005-2007
Uddevalla Energi*	Sweden	Green-field WtE facility (CHP)	88,000	Planning, conceptual design, tendering, contracting	2005-2006
South East Region*	Ireland	Procurement of an integrated waste management system including WtE (25 years DBFO contract)	up to 300,000	Waste strategy review, PPP assessment, project structuring, tendering, contracting, project/contract management, supervision, and commissioning	2004-2009
European Commission	Russia	Green-field fluidised bed sludge incineration facility in St. Petersburg	2 x 52,000	Bid evaluation, contract management, supervision, commissioning and project management	2004-2007
Trekantområ-dets Affalds-selskab I/S*	Denmark	New WtE unit (CHP)	80,000	Planning, conceptual design, tendering, contracting, project/contract management, supervision, commissioning. Civil engineering design	2003-2007
Trondheim Energiverk*	Norway	New WtE unit (CHP)	120,000	Planning, conceptual design, tendering, contracting, project/contract management, supervision, commissioning	2003-2006

No other clients have as large a capacity as Durham/York. Ramboll made up the itinerary for the European trip by Councillors. Notice SYSAV (Sweden) and more on that trip. Was it scripted by EFW proponents? Is this a done deal?

For more clients see: [Ramboll Clients](#)