

New Waste-to-Energy Capacity for Metro Vancouver

On July 25, 2011, BC's Minister of Environment approved Metro Vancouver's (MV) new Integrated Solid Waste and Resource Management Plan (ISWRMP). The first priority of the ISWRMP is to reduce, reuse and recycle as much garbage as possible. This region now recycles about 55 per cent of its garbage - far better than the 22% Canadian average. The ISWRMP outlines many strategies and actions to achieve 70% diversion of waste from disposal by 2015 and an aspirational target of 80% diversion by 2020.

Even with these tremendous strides, there remains a need to manage residual waste. The ISWRMP identifies new waste-to-energy (WTE) capacity to help manage the region's remaining municipal solid waste. The Minister's approval of the ISWRMP included requirements that MV consider all WTE technology options and both in and out-of-region WTE solutions.

The new WTE capacity development process is divided into phases:

Phase 1:	Request for qualification (RFQ) 1: Technology <ul style="list-style-type: none"> Public process to identify proponents that have the capability to deliver new WTE capacity. 	Nov. 2012 – Feb. 2013
Phase 2:	Potential Site Identification Process <ul style="list-style-type: none"> Process to allow site owners to identify potential project sites and identify any sites secured by shortlisted RFQ1 proponents 	Feb. – Sept. 2013
Phase 3:	RFQ2: Technology and Sites <ul style="list-style-type: none"> Second-stage RFQ process to evaluate each proponent's technology and site 	Sept. 2013 – May 2014
Phase 4:	Request for proposal (RFP): Short-listed Proponents and Sites <ul style="list-style-type: none"> Iterative process to identify successful proponent(s) 	May 2014 – First Quarter 2015
Phase 5:	Regulatory and Environmental Assessment Processes	Apr. 2014 – Third Quarter 2016
Phase 6:	Detailed Design / Construction	Second Quarter 2015 – 2018
Phase 7:	Commissioning and Operation	2018
Phase 8:	Monitoring	2018 and ongoing

Metro Vancouver has designed an engagement and consultation program that is tied to these key development milestones.

Metro Vancouver has issued the first request for qualifications (RFQ1) regarding the technology, to initiate the procurement process. Evaluation criteria for RFQ1 will include a requirement for proponents to have demonstrated the following at existing facilities:

- Ability to process a minimum of 25,000 tonnes per year of municipal solid waste.
- High energy productivity and material recovery from municipal solid waste
- Minimizing and where possible beneficially using residuals
- Excellent environmental performance in jurisdictions with comparable or higher environmental performance requirements
- Competent and experienced proposed team
- Alignment with Metro Vancouver's sustainability principles.

Further information about RFQ1: Technology and the new WTE capacity development process is [here](#).

In addition, two reports are available: one on the new WTE capacity procurement process, and a second on the accompanying engagement and consultation program. Electronic copies of both may be downloaded [here](#), or by accessing the revised agenda for the October 26, 2012 GVS&DD Board meeting.

You will be notified of specific consultation activities, including public events and other opportunities for input, prior to the launch of Phase 2: Potential Site Identification Process in spring 2013. A decision on whether to locate new WTE capacity inside or outside of the region may not occur until 2015 with the selection of the final proponent or proponents.

If you have any questions or comments regarding the new WTE capacity development process please:

Email: icentre@metrovancover.org

Please note in subject line: New Waste-to-Energy

Mail: Public Involvement Division
 Metro Vancouver
 4330 Kingsway
 Burnaby, BC V5H 4G8



metrovancover

SERVICES AND SOLUTIONS FOR A LIVABLE REGION

www.metrovancover.org