

Waste Treatment



Biodrying

Dehydrating moist organic waste is often problematic: equipment is expensive, operating costs are high, the waste is hard to drain, and liquids are created that also have to be processed. CRIQ developed the BIOSECO™ biodrying process to meet these needs, using micro-organisms to dehydrate waste and help convert it into useful products.

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OUR TRACK RECORD

In the past few years, CRIQ has worked on biodrying procedures that use evaporation to efficiently dehydrate various kinds of waste—everything from abattoir sludge, slaughter waste, and municipal waste to cow manure, liquid pig manure, and forest waste—while using biodrying to process digester's sludge (created by anaerobic digestion) has proven worthwhile. A number of biodrying development projects have also been the object of a pilot scale-up and are now in the validation phase in the field in real operating conditions. This know-how was built on 20 years of CRIQ's composting expertise. Recently we also experimented with a mechanical biological treatment train to reuse household waste.



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For more on biodrying, contact:

Marie-Josée Hardy, Director, Industrial
Eco-efficiency and the Environment
333 rue Franquet, Québec City, Québec
G1P 4C7
418-659-1550 / 800-667-2386, ext. 2603

Guy Genest,
Business Development Coordinator
333 rue Franquet, Québec City, Québec
G1P 4C7
418-659-1550 / 800-667-2386, ext. 2879