

CLIMATE DECLARATION

FOR COLLECTION OF HAZARDOUS, POTENTIALLY INFECTIVE
SANITARY WASTE AND DISPOSAL THROUGH INCINERATION

Functional unit: disposal of 1 000 kg of waste

About the service

Mengozzi S.p.A. offers a disposal service through a complete and integrated system for the destruction of health waste.



About the company

Mengozzi S.p.A. was founded in 1978 as a hospital service company, at first as cleaning company and after a few years, thanks to its organizational skills, strengthened its presence in the market by investing in a highly-specialized, technological business of the disposal of sanitary waste.

Climate declaration

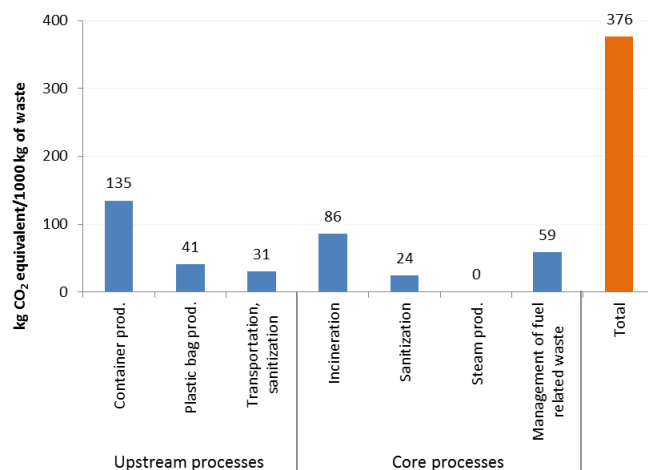
The system boundaries include processes divided into upstream, core and downstream:

Upstream processes undertake manufacturing and regeneration activities of high-density polyethylene and polypropylene containers, manufacturing of plastic bags for the collection of hazardous and infectious hospital waste. They also include transport of the containers and hospital waste.

Core processes involve disposal through thermal destruction of hospital waste, as well as slag management and transport. In this phase, other complementary activities are also included, such as fume extraction, cleaning and disinfecting of containers, heaters functioning and steam production for the electric power generation, and so on.

Downstream processes consist of manufacturing activities of sub-products, in particular electric power generation and other recovery materials.

The following figure shows the emissions of greenhouses gases from fossil sources, expressed as kg carbon dioxide equivalents for 1 000kg of waste:



In addition, 1226 kg CO₂ eq. from biogenic sources are emitted during the life cycle.

Other environmental information

This climate declaration is limited to one environmental impact category. More information about the products complete environmental performance is presented in the EPD available at www.environdec.com.

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MENGOZZI
SANITARY WASTE

LINK TO MORE INFORMATION: [HTTP://ENVIRONDEC.COM/EN/DETAIL/EPD145](http://environdec.com/en/detail/epd145)

EPD PROGRAMME: THE INTERNATIONAL EPD®SYSTEM

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INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025:
EXTERNAL VERIFIER: RINA S.P.A

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ACCREDIA

CLIMATE DECLARATIONS FROM DIFFERENT PROGRAMS MAY NOT BE COMPARABLE

READ MORE ABOUT CLIMATE DECLARATIONS AT WWW.ENVIRONDEC.COM

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