

University : Universitat Internacional de Catalunya (UIC)

Country : Spain

Web Address : www.uic.es/en

[3] Waste (WS)

[3.3] Organic Waste Treatment



Figure 1. Organic waste bins, Iradier Street



Figure 2. Municipal bin for organic waste, Terré Street

Organic waste treatment from the Barcelona campus (Universitat Internacional de Catalunya, Spain)

Description:

The Universitat Internacional de Catalunya (UIC) only manages the organic waste generated by the cafeterias located in the Buildings on calle Iradier and calle Terré (Barcelona campus), since they are the only areas in the university that generate a significant amount.

On calle Iradier Street, the external company in charge of the restaurant and cafeteria (Eurest) is responsible for separating any organic waste and depositing it in the respective bins (*Figure 1*). It is then collected by the external service Ferrovial (a Barcelona City Council subcontractor), who are responsible for managing it as organic waste. Once the waste is collected, Ferrovial takes it to the authorized treatment plant, where the material is processed using a mechanical-biological treatment. The result of this entire process is biogas, a renewable fuel that can be used to generate electricity and heat **(1)**. It should be noted that the collection City Council service can impose penalties if organic waste is not properly separated. This fact ensures that the university takes great care in the collection and separation of this kind of waste.

On the other hand, on calle Terré, organic waste is collected by the catering service which is also responsible for depositing it directly into the municipal bins located outside the buildings (*Figure 2*). In this case, there is no external company that collects it.

As for the rest of the buildings and spaces, very little organic waste is generated and therefore cannot be separated.

Thanks to these measures, UIC Barcelona is currently treating more than 75% of all the organic waste. Green waste is managed directly by the external gardening company that works with the university. The company is responsible for collecting the waste and processing it through the corresponding management system. The department of prevention works at risk, continuing to improve those programs for disposal and wastes in the UIC Barcelona-SantCugat.

Additional evidence links:

1. Àrea metropolitana de Barcelona. (n.d.). *Tractament*. Retrieved from <https://www.amb.cat/en/web/ecologia/residus/gestio/tractament>

2. UIC Barcelona. (n.d.). *Waste management*. Retrieved from <https://www.uic.es/en/university/campus/sustainability/sustainable-campus/waste-management>