

University : Universitat Internacional de Catalunya (UIC)

Country : Spain

Web Address : www.uic.es/en

[3] Waste (WS)

[3.4] Inorganic Waste Treatment

		
<p>Figure 1. Battery bin and used batteries</p>	<p>Figure 2. Bins for separating inorganic waste: paper, packaging material and other.</p>	
		
<p>Figure 3. Collection point for cardboard waste</p>	<p>Figure 4. Collection point for electronic waste and appliances.</p>	<p>Figure 5. Lighting collection point.</p>
<p>Inorganic waste treatment (Universitat Internacional de Catalunya, Spain)</p>		

Description:

The Universitat Internacional de Catalunya (UIC) generates various types of inorganic waste as a result of its on site activities (teaching, research, university dental clinic, offices and maintenance) and separates them into three main groups: paper and cardboard, packaging material and other.

On the Barcelona campus, inorganic waste (paper, packaging and other) is managed through the Barcelona City Council or its subcontractor (Ferrovial company). The collection system in Iradier's buildings is the same as that of the nearby secondary schools, and therefore the municipal waste collection services are responsible for collecting and managing this waste (*Figure 2*). The municipal services are in charge of controlling that the waste is separated correctly and fine those who do not fulfill these requirements. Therefore, staff on the Barcelona campus ensures their waste is separated and collected correctly. The university also asked the City Council to provide external bins for collecting and subsequently treating waste generated by the buildings on calle Terré. As in the case of organic waste, the university's cleaning and maintenance staff, responsible for the buildings in question, take the inorganic waste to these containers to be subsequently collected by the municipal service. *Additional information on this point The inorganic waste treatment includes mixtures of products that are collected in laboratories and are included in the group of chemicals.*

On the Barcelona campus, those responsible for carrying out the maintenance of the buildings are also responsible for recycling cardboard.

On the Sant Cugat campus, inorganic waste is managed by an external manager contracted by the Hospital General (CTM manager). The university has a coordination agreement with the Hospital General to manage its waste jointly with theirs. The campus also has cardboard collection points that are managed by the Hospital's maintenance service (*Figure 3*).

In relation to other inorganic waste produced by the university, only the glass generated by the cafeterias on the Barcelona campus is recycled. Each cafeteria is responsible for collecting and taking the waste to their corresponding waste containers, located outside the buildings. Similarly, the university also has special containers for collecting waste such as batteries, light bulbs, appliances and batteries (*Figure 1, 4 and 5*). Both campuses have a contract with the company *ACS Recycling*, which specializes in electrical and electronic waste (WEEE) recycling. This company is responsible for implementing the most efficient management model for this type of waste.

Additional evidence links:

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