

ENVIRONMENTAL INTEGRATION OF WASTE MANAGEMENT IN EUROPEAN WORLD HERITAGE CITIES

Action plan for the city of Ibiza



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1. GENERAL INFORMATION

- **Project:** Interregional Environmental Integration of Waste Management in European Heritage Cities
- **Organization:** Ibiza City Council
- **Country:** Spain
- **Region:** Municipal area of Ibiza (Balearic Islands)
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2. POLITICAL CONTEXT

The policy applied by the city of Ibiza forms part of the public waste collection programme approved by the Council in a full session on 27 March 2014, and in force since 13 June 2016 for a period of 10 years.

The "*draft project for operating the administrative contract for managing public services for the selective collection and transport of solid urban waste, cleaning of the public roads and beaches in the municipal area of Ibiza, under a concession contract*" was prepared prior to the approval of this contract. The purpose of this document was to study the variables that determine the feasibility of the administrative contract for managing public services. There are three essential phases in the contract: drafting the project, financing and then implementing the investment projects for integrated waste management as a public service in accordance with the terms and conditions ordained by the Special Technical Specifications (in Spanish, PPTP).

One of the planned investment projects is the installation of containers underground when renovating, expanding or replacing those on the surface. The purpose of this work is to improve the appearance of the city and ensure that installations are suitable for the management of waste collection.

The current service for collecting waste and keeping roads and beaches clean has to tackle the different needs of the city of Ibiza, including the World Heritage area and the other urban areas of the city. The service must include the management of the following actions:

- Collection:
 - Collection of solid waste, both urban and commercial
 - Collection of large waste
 - Washing of containers in public roads.
 - Container maintenance
- Cleaning roads and beaches

- Cleaning road surface and pavement
- Daily emptying of waste bins
- Cleaning grass areas in public roads
- Cleaning public parks and gardens and urban furniture
- Cleaning graffiti and removal of fly posters in unauthorized spaces
- Hosing public roads
- Special cleaning operations in exceptional situations (displacement by storms, wind and rain, festive events, etc.)
- Cleaning of school playgrounds
- Cleaning beaches
- Citizen information campaigns

The aim of the Intherwaste programme is to improve the waste management policies and programmes in European Heritage Cities by exchanging experiences and good practices applied in a number of European Heritage Cities.

In the first phase of the project, there were 4 seminars held in each of the participating cities, on the following topics:

- Depositing waste in the centre of Heritage Cities (Oporto)
- Selective collection in the centre of Heritage Cities (Krakow)
- Solutions for visual integration in urban settings (Ibiza)
- Maximum reduction of waste in the centre of Heritage Cities (Cordoba)

Each participant contributed their own successful solutions in these themed seminars on the different topics (good practices). This exchange of experiences enabled each city to discover a combination of solutions best suited for application in their own circumstances.

Each of the cities attending, as World Heritage Cities, share a number of problems and features, such as the fact that they are old cities with a complex layout of narrow streets that make waste management more difficult. They have a priceless historic and cultural legacy and huge economic potential for tourism and the service sector. They also share an interest in the conservation of Heritage and the handling of large amounts of waste as a result of tourism and business.

The goal of this action plan is to apply the good practices exchanged in the seminars held in the cities taking part in the programme; Tallinn, Krakow, Cordoba and Ibiza, as well as the contributions made by cities invited to take part in some of these seminars.

3. LIST OF PLANNED ACTIONS

3.1 Action 1: Visual integration of the underground containers

3.1.1 *Precedents*

Historical city centres are often a focal point where a lot of business takes place, because they are tourist attractions and therefore important drivers of the economy. They are typically areas with narrow streets where the challenge for waste collection is

to be part of urban planning and safeguard historical and artistic values while tackling the technical problems of collecting waste in these places (where high levels of waste are generated by intense tourism and business activity).

In the third seminar of the INTHERWASTE project, held in Ibiza on the topic of “Solutions for integrating waste management as urban decoration in Heritage areas”, those taking part in the programme shared good practices applied in their cities based on positioning containers, devices and the appearance of containers and organizational solutions.

On the subject of the appearance of containers and organizational solutions, Oporto presented its good practice under the title of “*encasement solutions to improve urban integration*”, consisting of reducing the “ugly” appearance and visual impact of waste accumulating outside the container zones in its Heritage areas by installing a metallic structure to hide the containers from sight.

This action was taken as a reference by the city of Ibiza to address the visual impact of the underground containers in one of the most emblematic squares in the city of Ibiza, at the point of entry to the heritage area.

3.1.2 Action

The goal of the action is visual integration of a conflictive area with underground containers because of the impact caused by its proximity to an area of restaurants and terraces in the square, in the historic city centre.

The action proposed by Oporto, included in the topic of the visual positioning of containers and devices, entailed the complete enclosure of the underground and surface containers in the historic centre. This action was inspiration for addressing the problem of visual integration of the underground containers installed in the historical centre of Ibiza, as well as the accumulation of waste produced in the area (Figure 1).



Figure 1. Accumulation of waste in the area of the action

The containers were integrated by installing an enclosure of weathering steel with the skyline of the old city of Dalt Vila engraved on it, placed in front of the underground

containers to reduce their visual impact and safeguard the cultural value of the area (Figure 2).

The main beneficiaries of the action are the local residents, those working in the service sector and tourists who visit the area. The action resulted in the visual perception of a tidier environment fully integrated in the historical centre.



Figure 2. Visual integration of the underground containers

3.1.3 Participants

The project enjoys the direct and indirect participation of the following groups:

- Ibiza City Council
- The company authorized to collect waste in Ibiza (VALORIZA S.A.)
- Local residents and businesses near the containers
- Company carrying out the action

3.1.4 Situation

The need to conserve the architectural and cultural value of the historical centre of Ibiza led to the creation of a Technical Heritage Commission and specific regulations to establish the conditions for action, use and procedures to apply to any initiative that affects the historic centre: the Special Plan for Interior Reform and Protection (P.E.P.R.I.).

The action received a favourable report from the Technical Heritage Commission on 24/01/2019 and was planned for application in May 2019.

3.1.5 Budget

The budget for carrying out the work is €5,927.55 (V.A.T. included).

3.1.6 Funds

The action will be financed from the resources of Ibiza City Council.

3.2 Action 2: Space for solid urban waste

3.2.1 *Precedents*

A large number of good practices were exchanged in the 1st INTHERWASTE seminar held in Cordoba, on the topic of “Collecting waste in Heritage zones”, contributed by the cities participating in the programme and other guest cities. The participants in the seminar shared the good practices they applied in relation with: Waste houses/ecopoints, special procedures and agreements and container systems in heritage zones.

All the cities taking part, as World Heritage cities, are similar in many ways, but they also have distinguishing features that make it impossible to apply all the solutions to other cities in the same way.

The solution put forward by Cordoba on the issue of waste houses/ stores/ ecopoints consists of creating a storage space for collected waste and the types of classification established by Cordoba City Council. This proposal means that containers can be taken off the street, reducing the visual impact they create in the historic centre, and improving collection management.

This action was taken in the city of Ibiza as a solution adapted to the problem of collecting and handling containers in the Dalt Vila district, in the historic centre. On 15 June 2018, a group of representatives from Ibiza made a bilateral visit to Cordoba to see the characteristics and operation of the waste house system in greater detail in order to set up a pilot project and adapt the idea to the city of Ibiza.

3.2.2 *Action*

The goal is to create a space for storing containers that offers visual integration in the urban environment as well as improved management and extraction of the waste generated in the district of Dalt Vila, which is highly attractive for tourism

The action aims to eliminate a group of containers in the Dalt Vila district, reducing the visual impact, smell and the space occupied (Figure 3), adapting a collection area as the point for storing containers.



Figure 3. Current space for containers

The space will be located in a Council-owned building inside the historic centre and will contain three areas: one for the residents of a block of flats and the other two for hoteliers and restaurants in the area (Figure 4). There will be no public access and an identity card will be required for entry to deposit waste inside.

The room will have the following number of containers:

Table 1. Purpose, number and capacity of the ecopunto containers

USER	NO. OF CONTAINERS	CLASSIFICATION	CAPACITY
Residents Storeroom 1	1	Plastic packaging	800 l
	1	Paper and cardboard	800 l
	1	Glass	800 l
	2	Organic and Household waste	$800 \text{ l} * 2 = 1600 \text{ l}$
Hotels/restaurants Storeroom 2 and 3	6	Plastic packaging	$120 \text{ l} * 6 = 720 \text{ l}$
	6	Paper and cardboard	$120 \text{ l} * 6 = 720 \text{ l}$
	6	Glass	$120 \text{ l} * 6 = 720 \text{ l}$
	4	Organic and Household waste	$240 \text{ l} * 4 = 960 \text{ l}$

The municipal waste collection service will make daily collections and be responsible for maintenance of the space.

The purpose of this initiative is to reduce the visual impact of the containers in the Heritage area and to reduce the frequency of collections through the presence of more containers and greater storage capacity (to 1 collection per day, when the current frequency is 3 times per day)

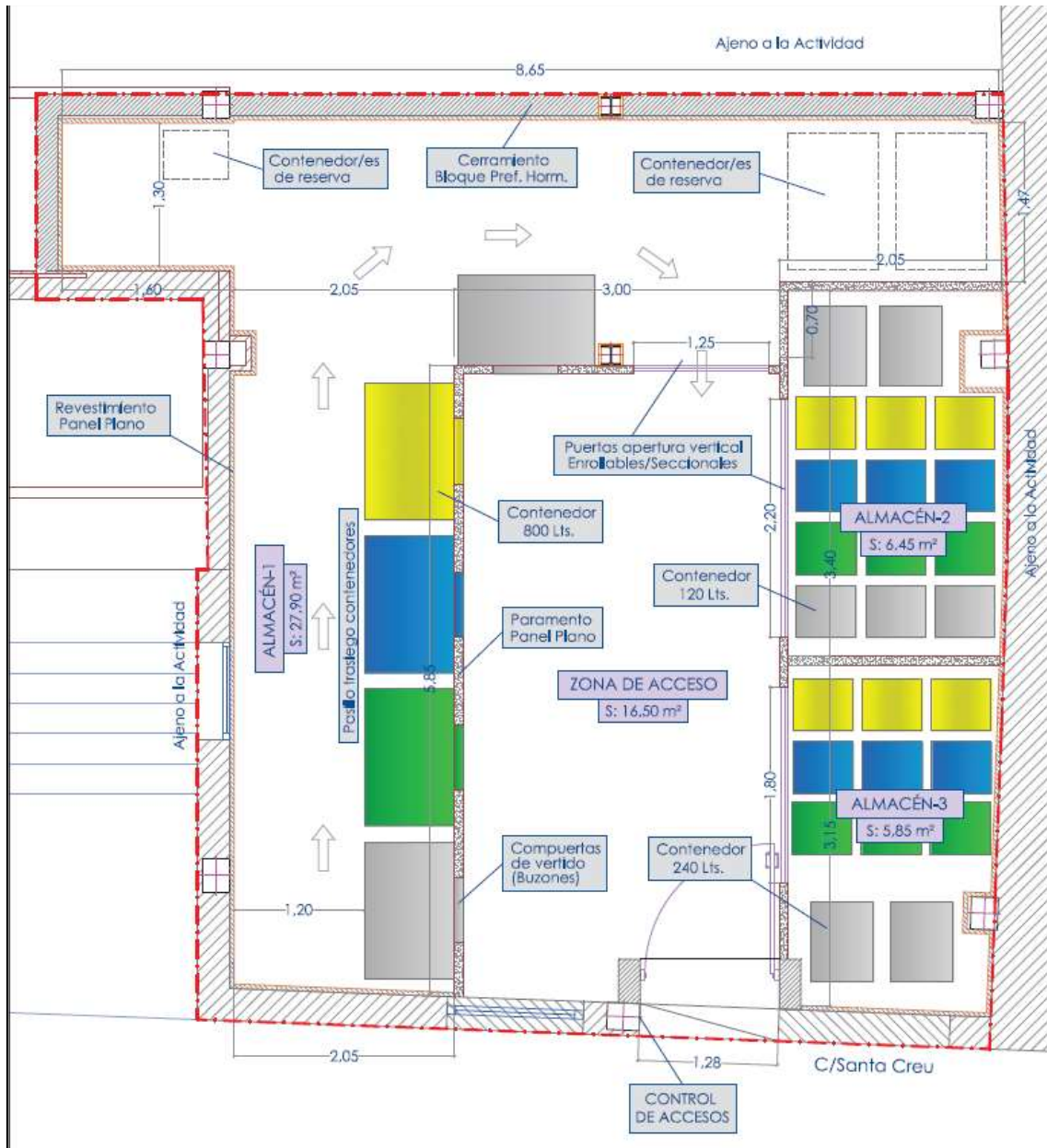


Figure 4. Distribution of the containers in the solid urban waste room

3.2.3 Participants

The project enjoys the direct and indirect participation of the following groups:

- Ibiza City Council
- The company authorized to collect waste in Ibiza (VALORIZA S.A.)
- Local residents and businesses near the containers
- Company carrying out the action

3.2.4 Situation

A favourable report for the action was issued by the Technical Heritage Commission on 24/01/2019. It is currently awaiting a public tender, and once awarded there will be a period of 3 months for execution, and it is expected to be operational at the start of 2020.

3.2.5 Budget

The budget for carrying out the contract is €111,116.79 (V.A.T. included). The preparation of the final design has cost €13,915.00 (V.A.T. included).

3.2.6 Funds

The action will be financed from the resources of Ibiza City Council.

3.3 Action 3: Updating the waste by-laws

3.3.1 Precedents

Spanish law on waste consists of basic national legislation (whose content derives from the transposition of European waste management legislation) and the developmental regulations approved by the autonomous communities. Waste management is therefore a responsibility that has for the most part been transferred to autonomous communities and local bodies in the context of basic national legislation, for development by autonomies and municipal by-laws.

In this sense, the goal of municipal by-laws for waste management is to regulate the conditions under which the Council will provide, and the users make use of the waste collection service. The current municipal by-law for waste passed by Ibiza City Council dates from 2004, with posterior modification in 2005.

The handling of waste and protection of the environment has progressed greatly since 2005 towards more and more restrictive laws which must be incorporated into current municipal by-laws.

In the 4th INTHERWASTE seminar held in Cordoba on the topic of “Minimization of waste in Heritage zones”, the participants in the programme shared good practices carried out in these cities in relation with: financial instruments, reuse, composting, campaigns, cooperation between participants to deal with the topic of food waste.

The good practices presented for the topic of financial instruments included Cordoba’s “Pay as you throw (PAYT)” and Miravet’s “PAYT and incentives to prevention at municipal scale” in which they shared the actions taken in these cities in relation with the responsibility of the producer of waste and payment for waste generation on a municipal scale.

Ibiza City Council welcomed these approaches and adopted them as models as it sought to update its municipal by-laws for waste in the municipal area of Ibiza.

3.3.2 Action

The goal of this action was to pass by-laws within the legal scope of Ibiza City Council to order the behaviour and cleaning activity, collection and handling of municipal waste in accordance with current legislation.

To date, the Council of Ibiza has applied the Municipal By-law for the Management of Municipal Waste passed in 2004 and further modified in 2005 (BOIB no. 103 of 09/07/2005). Changes have occurred since it was passed that must be added, making it necessary to modify current municipal regulations.

This modification of the municipal by-law will take the following lines of action into account:

- Specific directives for the heritage zone due to its singular nature
- Adoption of European law and national and Balearic laws on waste
- Payment for waste generation based on the idea that whoever contaminates has to pay
- Solutions for major producers in the municipal area
- Review of timetables for leaving waste in containers.

The modification will take the autonomic legal framework into account, as well as national and European regulations:

European Law

- 2008/98 of the European Parliament and of the Council of 19 November 2008, on waste and repealing certain Directives.
- Directive (EU) 2015/720 of the European Parliament and of the Council of 29 April 2015 amending Directive 94/62/EC as regards reducing the consumption of lightweight plastic carrier bags.

This Directive establishes that the member states must adopt measures to permanently reduce the consumption of light plastic bags in their territories. It proposes several options to this end, including the setting of national targets for reduction, the introduction of financial incentives and restrictions on their sale.

National

- Law 11/2012 of 19 December, on urgent measures for the environment
- Royal Decree 710/2015 of 24 July, modifying Royal Decree 106/2008 of 1 February, on batteries and rechargeable batteries and the environmental disposal of their waste, among others.
- Royal Decree 293/2018 of 18 May, on reducing consumption of plastic bags and creating a Register of Producers (in force from 1 July)

Regional autonomy (Balearics)

Draft Law 7154/18 on waste and contaminated land in the Balearic Islands, with the most important areas of application:

- Shops may not distribute single-use plastic bags. The sale, distribution and use of single-use plastic plates, cutlery, glasses, cups and trays are also prohibited.
- The target for reducing waste generation (measured as kg/ha*year, calculated in accordance with the human pressure index).
- Principle of whoever contaminates pays
- Application of payment for generation, as part of the idea of producer responsibility.
- Application of separate rates, reduced in the case of good practices
- Social pact to establish effective and perceived reduction in food waste.
- Register of the Production and Handling of Waste, so that major producers of waste have to prepare and submit a study for minimizing the production of waste to the Balearic Government every four years.

3.3.3 Participants

The following participants are involved in the project:

- Ibiza City Council
- The company authorized to collect waste in Ibiza (VALORIZA S.A.)
- Local residents and the city's business community

3.3.4 Situation

The Council is in the process of defining the key aspects to include in the by-law and preparing a tender for technical assistance to adapt municipal regulations to higher-order legislation as a first step towards public participation and tendering.

The by-law is expected to be passed at the end of 2020.

3.3.5 Budget

The budget is expected to be approximately €20,000

3.3.6 Funds

The action will be financed from the resources of Ibiza City Council.

CERTIFICATE

File number:	Collegiate body:
6609/2019	Local government council

Ana Escandell Serra, AS SECRETARY OF THIS BODY, HEREBY CERTIFIES:

That the following agreement was approved during the session held on 23 April 2019:

File 6609/2019. Proposed agreement to approve the Action Plan to improve waste processing in the historic town centre -European Intherwaste Project-

- In May 2017, Ibiza Council joined the European Intherwaste Project, whose purpose is to improve the treatment of waste in European heritage cities and which is partly financed by European funds as part of the Interreg Europe programme.
- The city of Ibiza is taking part in this project along with Tallinn, Krakow and the municipal bodies for waste management in the cities of Cordoba (Sadeco) and Oporto (Porto Ambiente), and the body ACR+ as assessor of the project, which is divided into two phases:

Phase 1: Initial diagnosis and exchange of good practices: In this phase, which is fully financed by European funds, the cities taking part in the project made studies of the initial situation of their waste management systems and compared the differences and similarities in waste management among heritage areas in these cities.

At the same time, they have shared their best practices in questions of waste management, whether applied by the participants in the project or other cities and bodies, considered under the following topics:

- Waste collection in the centre of heritage cities
- Selective collection in the centre of heritage cities
- Solutions for integrated appearance in urban areas
- Maximum reduction of waste in the centre of Heritage cities

Phase 2: As the result of the exchange of good practices and what was learned in the first phase, each participant must prepare and approve an action plan to improve waste management in the historic centre of the city. The project is currently in this phase and Ibiza City Council has completed the drafting of its action plan, which it is now submitting to the Local Government Council for approval. The actions included in the action plan must be financed by the authorities' own funds.

It has therefore been proposed that the Local Government Council of this City Council should approve





the following Agreement:

1. Approve the Action Plan for Environmental Integration of Waste Management in the historic centre of the city of Ibiza, which includes the following actions:
 - Visual integration of the underground containers located in C/ Jaume I, with a budget of €5,927.55
 - Space for solid urban waste in the municipal building located in C/ Santa Creu, with a budget of approximately €125,031.79
 - Update of the municipal waste by-laws, with a budget of approximately €20,000.
2. Do the work contained in the action plan before March 2021, the time limit granted by the European Union to put the action plans approved under the Intherwaste project into effect.

In witness whereof, I hereby issue the present certificate for the purpose of this filing, at the request of the Mayor and with his approval, notwithstanding the exception provided in article 206 of the Regulations for the Organization, Operation and Legal Framework for Local Bodies approved by Royal Decree 2568/1986, on 28 November.

DOCUMENT WITH ELECTRONIC SIGNATURE



ENVIRONMENTAL INTEGRATION OF WASTE MANAGEMENT IN EUROPEAN WORLD HERITAGE CITIES

Action Plan Municipality of Ibiza

Annex - Clarifications to the Action Plan



The Local Government Council approved during the session held on 23 April 2019 the Action Plan to improve waste processing in the historic town centre - European Intherwaste Project.

Once the plan is approved, it is considered necessary, however, to make the following clarifications:

1. About the financing of the Action Plan

All the actions included in the Action Plan will be financed from the resources of Ibiza City Council.

The policy instrument from the municipality, “Public Waste Collection Sheet for the city of Ibiza”, doesn’t have any specific budget to finance the actions from the Action Plan. So, this actions will be financed with the municipality budgets for 2019 and 2020.

2. Relationship between action plan and policy instrument

The Public Waste Collection Sheet for the city of Ibiza is the document that collects how waste collection is carried out in the municipality of Ibiza (containers typology, waste collection frequencies, equipment, vehicles...)

The actions included in the Action Plan are directly related with the policy instrument because they will condition waste management in the heritage area. For example replacing containers in the street for waste rooms, improving the image of containers or modifying the local ordinance to improve the deposit of waste by neighbours and businesses, thus facilitating the collection of waste and maybe changing some frequencies of waste collection.

All the actions included in the Action Plan can be carried out without the need to modify the policy instrument because they are in accordance with the objectives of this policy instrument and are financed independently.

