



Interreg Europe action plan template

Action Plan for the region of Andalucia (Spain)



Part I – General information

Project: INTHERWASTE

Partner organisation(s) concerned: Sanitation Cordoba (Sadeco)

Country: Spain

NUTS2 region: Andalucia

Contact person: Jesús Diz

Email address: jdiz@sadeco.es

Phone number: 0034 957 76 20 00



Part II – Policy context

The Action Plan aims to impact: × Other regional development policy instrument

Name of the policy instrument(s) addressed:

- Cordoba Municipal Ordinance on Urban Hygiene

Further details on the policy context and the way the action plan should contribute to improve the policy instruments:

Cordoba Municipal Ordinance on Urban Hygiene (Omhu)

Originally it was not planned other policy instruments different from the ROP Andalucía to be involved in the project execution. However, the involvement of this instrument has happened in a natural way, as the project partner, SADECO, is of municipal scope and there has been logic the local instrument being ruled by SADECO to be influenced by the learning gained in the cooperation.

It is the case of actions 1 and 2 in this plan, whose inspiration comes from the cooperation and whose development is framed within the context of the “Cordoba Municipal Ordinance on Urban Hygiene in force”.

- ❖ **Action 1: Design and introduction of compactor containers in the city of Cordoba**
- ❖ **Action 2: Creation and promotion of a comprehensive municipal network for repair and reuse**

The “Municipal Ordinance on Urban Hygiene” (Omhu) was approved by plenary agreement 43/16, the 15th March 2016. Section III concerns the management of municipal waste and there are several chapters specifically framing the intended actions. They are:

- “Chapter II: Waste rooms”;
- “Chapter III: Deposit of municipal waste; containers for the different cases”;
- “Chapter IV: Selective collection”; and
- “Chapter V: Treatment of municipal waste”.

Both actions 1 and 2 in the Action Plan are aligned with the Omhu and imply novelties and improved ways of developing its principles.



Part III – Details of the actions envisaged

ACTION 1:

Name of the action: Design and introduction of compactor containers in the city of Cordoba

1. Relevance to the project

INTHERWASTE Thematic Seminar III was celebrated in the partner city of Ibiza the 15th and 16th November 2017. One of the Good Practices shared in the partnership during that seminar was “Compacting bins in Ghent (Belgium). It was ACR+ (P2) as project Advisory Partner that brought that Good Practice to the seminar, even if the experience did not belong to the partner regions, due to its potential interest for the partner cities (Heritage Cities facing huge amounts of waste to manage in their city centres)¹.

The Good Practice raised the interest of LP SADECO for the city of Cordoba. Consequently, contacts started to organise a bilateral meeting in Ghent with IVAGO (Municipal Company for Waste Management in Ghent) with a view to deepen in the knowledge of the compacting bins and containers and potential replicability in Cordoba.

ACR+ as advisory partner contributed to facilitate the contacts between IVAGO and SADECO for a fruitful bilateral meeting. Indeed, ACR+ participated in the meeting with a view to follow the transference and to produce communication material out of the meeting. Also, permission was requested to the project officers to organise, the day after the bilateral meeting with IVAGO (Ghent) a similar bilateral meeting with ICOVA (Waste Management Agency for Amsterdam), given the use of different compactor containers and bins in this close city as well. Permission obtained the bilateral meetings were arranged for the 18th and 19th April 2018, in Ghent and Amsterdam respectively, IVAGO and ICOVA acting like hosts and SADECO as potential importer.

In both cases the technical performance of the compactor bins and containers and the technological system attached to them was explained and demos in the city centres took place.

Immediately after this bilateral meeting SADECO decided to start the development locally of such technology with a view to introduce compactor containers in the city of Cordoba.

2. Nature of the action

The action is oriented to the local production of a prototype for compactor containers (inspired in those visited in Ghent and Amsterdam), the later production of real scale ones and the implantation of 8 units of the double type by 2020.

To achieve this goal some activities have been already implemented and some others are planned for the next 2 years:

Activity 1: Bilateral meeting between SADECO, IVAGO and ICOVA (municipal companies for waste management in Cordoba, Ghent and Amsterdam) with a view to increase the knowledge of SADECO about compactor containers and bins.

Activity 2: SADECO collaboration with a local company in Cordoba (*Barredoras Antoli*: www.barredorasantoli.es) in order to jointly design a prototype.

¹ Find as annex to this action the Good Practice as described in the “*INTHERWASTE Collection of Good Practices in Waste Management in Urban Heritage Sites*”.

- **Activity 2.1.** Preliminary works concerning the building of the prototype.
- **Activity 2.2.** Formalization of contractual relationship between SADECO and *Barredoras Antoli* for the completion of the prototype and the management of its intellectual property.
- **Activity 2.3.** Completion of the prototype: electronics and construction workshop.

Activity 3: Field tests, model adjusted

Activity 4: Real scale compactor containers produced.

Activity 5: Introduction in Cordoba of 8 units of the double-type.

At present, activity 2 – design of the prototype- is ongoing. The first works concerning the building of a prototype are indeed ongoing (activity 2.1.). The photographs below are extracted from a video showing some moments of the process of design. We can provide the video to the Interreg Europe programme for assessment purposes if requested, but neither the video nor the images can be disseminated yet, as this is a developing model without patent protection at the moment.



At this stage electronics and sensors need to be incorporated to the current prototype so that funding and legal support need to be provided in order to ensure the finalisation of the works.

The legal department of SADECO has been exploring for a while how to arrange such a contractual relation involving such a work and intellectual property derived. Finally, the formalization of contractual relationship between SADECO and *Barredoras Antoli* for the completion of the prototype has taken place the 24th April 2019. See annex II for additional information on the contractual relation established :



Once the contract has been established, the prototype will be finalised and field tests will follow.

The building of real scale compactor containers and their introduction on a regular basis in the network of Cordoba containers are the last steps of the process.

3. Stakeholders involved

Local company Barredoras Antoli, as local co-developers of the solution besides SADECO.

Neighbourhood associations in Cordoba as future users:

- Neighbourhood association “Puerta Almodovar”
- Neighbourhood association “Barrio San Agustín”
- Neighbourhood association “Alcázar Viejo”
- Neighbourhood association “El Coso de Tejares”
- Federation of neighbourhood associations “Al Zahara”

Centre District Council, representing the area where the 8 first compactor containers will be installed, as the main tourist and also Heritage area in the city and, as such, the area with the highest necessities to manage big amounts of waste besides preserving aesthetics.

Association of retailers of the historic centre of Cordoba, as big waste producers in the Heritage area, future users of the compactor containers.

HOSTECOR- Federation of Associations for SMES from the Hostelry and Tourism sectors, as big waste producers in the Heritage area, future users of the compactor containers.

4. Timeframe

Activity 1: Bilateral meeting between SADECO, IVAGO and ICOVA. [April 2018](#)

Activity 2: SADECO collaboration with *Barredoras Antoli* to design a prototype. [From May 2018 onwards.](#)

- **Activity 2.1.** Preliminary works for building of the prototype. [May 2018 – February 2019.](#)
- **Activity 2.2.** Formalization of contractual relationship between SADECO and *Barredoras Antoli* for the completion of the prototype and the management of its intellectual property. [April 2019.](#)
- **Activity 2.3.** Completion of the prototype: electronics and construction workshop. [June 2019.](#)

Activity 3: Field tests, model adjusted. [June – December 2019.](#)

Activity 4: Real scale compactor containers produced. [2020.](#)

Activity 5: Introduction in Cordoba of 8 units of the double-type. [2020.](#)

5. Costs


- Drafting of the prototype and field tests: [between 10,000 – 20,000€](#)
- Estimated cost per real scale constructed unit: [around 10,000 € per unit \(estimation\).](#)

6. Funding sources

SADECO is financing 100% the action which is being developed as aligned with the Omhu (Cordoba Municipal Ordinance on Urban Hygiene).

Annex I:

Good Practice inspiring Action 1: Compacting bins in Ghent

CITY OF GHENT (BELGIUM)		
Nº.	Section	Description
0.	Title of the practice	Compacting bins in Ghent
1.	Photograph	
2.	Proposers	City of Ghent, IVAGO (intercommunal association for waste management in Ghent and surroundings)
3.	Contacts	Tom Claeys, tom.claeys@ivago.be , 00(32)476749513 Didier Naessens, Didier.naessens@ivago.be
4.	Useful links	www.ivago.be
5.	Start date	2017
6.	Activities' state of the art	Ongoing
7.	Location	Belgium, Ghent
8.	Inhabitants in the area	257.000
9.	Description of the practice	<p><u>Summary of what the practice is about:</u></p> <p>Introducing compacting bins (till 7 times the volume) within the city centre, reducing the number of bins needed and times we have to go empty them. Remote monitoring. The process in short lines happens in the following order:</p> <ul style="list-style-type: none"> • Sensor detects waste above certain level • Compresses • Detects fill degree • Sends message to back office when almost full <p>These bins are located in strategic location such the historic centre with high volume pedestrian passage and in public BBQ spots</p>

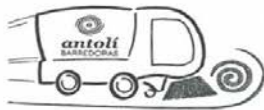


	<p><u>Development and Timescale:</u> Started in the beginning of 2017, currently already 30 installed, mostly in areas with a large volume of pedestrian passages and in public BBQ spots. We'll install 80 of them by mid-2018. What is currently being explored is their aesthetic integration with appropriate colours (green/grey), wrapping a compacting bin with colours/pictures of surrounding buildings in historic centre or integrating bin in city furniture.</p> <p><u>Actors involved:</u> City of Ghent (aesthetic evaluations), IVAGO, OVAM (Flemish waste association, setting the waste management policy). Department of heritage.</p> <p><u>Legal framework:</u> City rules on urban integration</p> <p><u>Financial framework:</u> Cost of purchase and placement of bins. Subsidy from OVAM (Flemish Waste Management regulator). Financing through our yearly public funding. Tender currently ongoing. In tendering specific criteria & evaluation on aesthetics are included.</p>
10. Results	
	<p><u>Proven results (through indicators):</u> Not yet available</p> <p><u>Possible success factors:</u> Good collaboration between all parties, already involved in the tendering process Simple aesthetic construction</p> <p>Easy installation Further visual integration in the streets (colours?)</p> <p><u>Main difficulties encountered:</u> Permission to install within the (protected) historic sites New (unproven) technology – hickups in the beginning</p>
11. Main lessons learnt from the practice	<p>Work together. Integrate aesthetics starting in the tendering phase Use technology and IoT (Internet of Things) but integrated within a customer centric approach.</p>
12. Additional information	<p>www.ivago.be https://www.facebook.com/ivago.gent/ https://www.youtube.com/channel/UCKyA9XLfxs4llaKhf56fe0w</p>



Annex II:

Technical Memory and Economic Proposition by company "Suministros y Barredoras Antolí S.L." for the development of the pending works concerning finalization and entrance into force of compactor containers.



SUMINISTROS Y BARREDORAS ANTOLÍ S.L.

Pol. Ind. Dehesa Boyal, parcela 6 – Apartado Correos 49.
14400 – POZOBLANCO (Córdoba) – ESPAÑA.
Teléfono (+34) 957 770 439 Fax (+34) 957 770 491
Web: www.barredorasantoli.es
E-mail: info@barredorasantoli.es C.I.F. B-56044993.



MEMORIA TECNICA DE COMPACTADOR SOBRE CONTENEDORES NORMALIZADOS DE 1000 LITROS.

El compactador de contenedores normalizados de 1000 litros, está diseñado y proyectado para aumentar la capacidad de acogida de residuos sólidos urbanos, en los contenedores situados especialmente en eco puntos.

Está formado por un bastidor de tubo estructural, en el cual se aloja el contenedor normalizado de 1000 litros. El equipo está compuesto por dos cilindros hidráulicos de doble efecto, una placa compactadora y una tijera que mueve la placa compactadora. Dispone de una centralita electro-hidráulica que acciona todo el equipo, así como la placa compactadora a la presión que le sea seleccionada.

En el pasillo del eco punto y al lado de la ventana donde se deposita la bolsa al contenedor, se ubica una botonera para accionar la placa compactadora después de depositar los residuos. El equipo se pone en marcha y compacta los residuos depositados en el contenedor.

Dispone de un sistema de seguridad, el cual impide poner en marcha el equipo si la ventana está abierta. El equipo solo funciona cuando la ventana está cerrada.

Este equipo puede accionar varios compactadores, simultáneamente.

Se adjunta plano descriptivo. Las medidas son aproximadas y pueden variar, según los eco puntos donde se instalen.

Todos los componentes y materiales utilizados en la fabricación del equipo, son de primera calidad y de marcas de reconocido prestigio. Además disponemos de Servicio post venta, con repuestos y servicio técnico, para solucionar cualquier incidencia en el menor plazo.

Pozoblanco, 24 de Abril de 2019.

Fdo.: M^a Ángeles Antolí Fernandez.
SUMINISTROS Y BARREDORAS ANTOLÍ, S.L.

Documento con Firma Electrónica.

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Fecha	Firma	CLAVE	DESCRIPCIÓN DE LA MODIFICACIÓN



Firmado por 80142394K MARIA ANGELES ANTOLI (R:
B56044993) el día 24/04/2019 con un certificado emitido por AC
Representación

	REVISION:	ESCALA	Fase en Kg.	Sustituye a:	Conjunto	Mód. modelb	Piezas/mód
	00	1:20	Bruto Neto	COMPACTADOR			
Dibujado Castellano		Fecha 27/06/18	DENOMINACION Compactador Doble		Nº		



SUMINISTROS Y BARREDORAS ANTOLÍ S.L.

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ANEXO I

DECLARACIÓN RESPONSABLE.

D^a. M^a ANGELES ANTOLI FERNANDEZ, con D.N.I.: 80.142.394-K, en representación de la empresa SUMINISTROS Y BARREDORAS ANTOLI, S.L., con C.I.F.: B-56044993 y domicilio a efectos de notificaciones en Polígono Industrial Dehesa Boyal, nº 6, 14400 – POZOBLANCO (Córdoba), a efectos de contratar con Sadeco.

DECLARO, bajo mi responsabilidad:

1º.- Que dispongo de capacidad de obrar y jurídica, de la habilitación profesional, clasificación y/o solvencia exigida, para ejecutar el objeto del contrato de “DESARROLLO DE PROTOTIPO DE COMPACTADOR SOBRE CONTENEDORES NORMALIZADOS DE 1000 LITROS”.

2º.- Que no estoy incurso en ninguna de las prohibiciones para contratar con la Administración establecidas en el Artículo 71 de la Ley 9/2017 de Contratos del Sector Público.

3º.- Que estoy al corriente en mis obligaciones tributarias y con la Seguridad Social.

4º.- Que la oferta que presento garantiza, respecto de los trabajadores y procesos productivos empleados en la elaboración de los productos y/o servicios, así como en la ejecución del contrato, el cumplimiento de las obligaciones medioambientales, sociales y laborales derivadas de los convenios colectivos aplicables, el Derecho español y de la UE, así como de las disposiciones de Derecho internacional sobre estas materias suscritas por la Unión Europea.

5º.- Que el correo electrónico para recibir todas las comunicaciones relacionadas con el presente expediente es info@barredorasantoli.es

Lo que declaro a los efectos de lo previsto en el art. 140 de la LCSP, indicando que poseo todos estos requisitos en el momento de presentación de la presente declaración responsable.

En Pozoblanco a 24 de Abril de 2019.

Fdo.: M^a Angeles Antoli Fernandez.
SUMINISTROS Y BARREDORAS ANTOLI, S.L.

Documento con Firma Electrónica.

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ANEXO II

MODELO DE PROPOSICIÓN ECONÓMICA.

EL OFERTANTE D^a M^a ANGELES ANTOLI FERNANDEZ, en representación de la empresa **SUMINISTROS Y BARREDORAS ANTOLI, S.L.**, con C.I.F. **B-56044993**, domicilio a efectos de notificaciones en **Polígono Industrial Dehesa Boyal, nº 6, 14400 – POZOBLANCO (Córdoba)**, con teléfono **957 77 04 39** y mail de contacto info@barredorasantoli.es

Declara quedar enterado de las condiciones por las que se rige la “**DESARROLLO DE PROTOTIPO DE COMPACTAR SOBRE CONTENEDORES NORMALIZADOS DE 1000 LITROS**” y se compromete al suministro con estricta sujeción al mismo, por un importe total de:

- Desarrollo prototipo: **Cuatro Mil Ochocientos Euros (4.800,00 €) IVA Excluido.**
- Desarrollo prototipo: **Cinco Mil Ochocientos Ocho Euros (5.808,00 €) IVA Incluido.**
- Plazo de presentación del modelo: **Seis (06) Meses.**
(puesto a punto y legalizado desde la firma del contrato).

En Pozoblanco, a 24 de Abril de 2019.

Fdo.: M^a Angeles Antoli Fernandez.
SUMINISTROS Y BARREDORAS ANTOLI, S.L.

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ACTION 2

Name of the action: Creation and promotion of a comprehensive municipal network for repair and reuse in the city of Cordoba.

1. Relevance to the project

INTHERWASTE Thematic Seminar IV was celebrated in the partner city of Cordoba the 13th and 14th June 2018. One of the Good Practices shared in the partnership during that seminar was “Giving bulky waste a second life through repair and resale, Nice (France)”. It was ACR+ (P2) as project Advisory Partner that brought that Good Practice to the seminar, even if the experience did not belong to the partner regions, due to its potential interest for the partner cities².

The Good Practice raised the interest of numerous partners: LP SADECO, P5 Municipality of Krakow, P6 Municipality of Tallinn and P8 Municipality of Porto Environment Company (EMAP). Consequently, the project Advisory Partner ACR+ arranged a bilateral meeting (rather, a multilateral meeting in this occasion) in Nice to make these INTHERWASTE partners to meet the representatives of Metropole Nice Cote D’Azur and visiting in situ the reuse experience with a view to its potential replicability in Cordoba, Krakow, Tallinn and Porto.

Indeed, this *in situ* meeting was very fruitful and several INTHERWASTE partners have started the replication of such a reuse experience from the municipal sphere locally.

After this meeting SADECO decided to start boosting formally reuse from the municipal sphere with a view to create in the medium term a circular network in the city embracing all the waste fractions and numerous and different agents and infrastructures working together for reuse.

2. Nature of the action

The action is oriented to create a comprehensive network for reuse in the medium term in Cordoba, settling as a short term objective the conditioning of the different existing Ecoparks in Cordoba for them serving also as spaces for repair and recirculation of reusable objects.

To achieve this goal some activities have been already implemented and others are planned for the next 2 years:

Activity 1: Bilateral meeting between SADECO and Metropole Nice Cote D’Azur representatives.

Activity 2: Drafting of a “*Feasibility Plan for Reuse in the City of Cordoba, in the frame of INTHERWASTE project*”. Technical contents required were the following:

- (I) Present legal frame (European, national, regional and local) to develop the activity.
- (II) Situational analysis of reuse initiatives and conditions in the city of Cordoba
- (III) Market Study
- (IV) Technical feasibility: locations, production processes, equipment, providers, competitors, existing distribution channels.
- (V) Environmental feasibility: expected impacts, with a view to minimise them.
- (VI) Possible managerial structures for the reuse initiative intended.
- (VII) Economic feasibility
- (VIII) Marketing Plan

² Find as annex to this action the Good Practice as described in the “*INTHERWASTE Collection of Good Practices in Waste Management in Urban Heritage Sites*”.



The feasibility analysis is being developed at present. An advance with the first results was delivered to SADECO the 6th March 2019.

Activity 3: Study visit of SADECO representatives to “Traperos de Emaús Navarra” (Pamplona, Spain) scheduled for the 15th March 2019. “Traperos de Emaús Navarra” is a non-profit entity which develops its work since 1972 integrating people with diverse needs. They collect, repair and market materials that are discarded. At present the organisation has 210 workers. They are indeed a network of different independent organisations who share name and spirit (<https://emausnavarra.org/index.php/es/>).

Activity 4: Event to start promoting reuse in Cordoba scheduled for the 27th March 2019. The title of the communication event is “The reuse of waste at national, regional and local level in the circular economy frame”.

Information about the results of the event follow.





INTHERWASTE Project Communication Event

“The reuse of waste at national, regional & local level in the Circular Economy frame”
27th March 2019, Cordoba (Spain)

Venue: SADECO, Avenida Medina Azahara 4,14005 Córdoba

9:00	Registration
9:15 – 9:30	Welcome by Pedro García, President of SADECO and first Deputy Mayor of Cordoba
9:30 – 10:00	Feasibility of the Reuse of Residual Materials. The case of Cordoba. Santiago Martí, SOLTEP ³
10:00-10:30	Coffee break
10:30 – 11:40	The role of networks, federations and associations of the social economy <ul style="list-style-type: none"> • FAECTA, Andalusian Federation of Cooperative SMEs. Rafael Santiago. • REASS, Network of alternative economy and solidarity networks integrated by more than 500 organizations. Txeli Sánchez. • AERESS, Spanish association of recuperators of social and solidarity economy. It is integrated by 47 organizations specialized in socio-labor insertion and waste management; presence in 14 regions. Laura Rubio. <p>(debate/discussion)</p>
11:40 – 12:50	The traditional role of the social economy in waste recovery and reuse. Practical cases. <ul style="list-style-type: none"> • Traperos de Emaús, since 1972 collecting, repairing and marketing reusable materials. Network of independent organizations sharing name and philosophy. • Fundación Deixalles Balears. More than 30 years’ experience employing people in risk of exclusion. More than 2.000.000 kg collected in 2016. • Cáritas- Solemcor. Insertion Company in Cordoba collaborating with SADECO in the collection of paper and paperboard and in the recovery of reusable clothes. <p>(debate/discussion)</p>
12:50 – 14:00	Reuse Initiatives in Cordoba <ul style="list-style-type: none"> • Red Trueque Córdoba (Barter network of Cordoba) • Reto a la Esperanza (Challenge to Hope) • Barganero shop Cordoba • Sonrisas de Lunares. Luis González. • MUÉ. Pilar Villalba. <p>(debate/discussion)</p>
14:00	Bufé

³ Company in charge of the development of the Feasibility Analysis contracted.



Dissemination of the event in the social media:

Facebook

Sadeco Córdoba
Publicado por EM Saneamientos de Córdoba S.A [?] · 27 de marzo a las 10:53 ·

En estos momentos se está desarrollando, en Sadeco Córdoba, la jornada sobre "La reutilización de residuos a nivel nacional, regional y local ante los retos de la economía circular". Aquí os dejamos el programa.

AGENDA	
0:00	Registro
8:10- 8:30	Integración: - Pablo García, primer teniente de alcalde del Ayuntamiento de Córdoba, presidente de SADERCO
9:30- 10:00	Inicio de la Reutilización de Residuos: El caso de Córdoba. Santiago Martí, SOLTIP
10:00- 10:30	Café
10:30- 11:40	El papel de redes, federaciones y asociaciones de la economía social: - FANCTA, Federación Andaluza de Empresas Cooperativas de Trabajo, Rafael Serrano, Representante FANCTA Córdoba - REAFES, Red de Redes de Economía Alternativa y Solidaria, Toni Sánchez, Presidente de REAF Andalucía - AERES, Asociación Española de Representantes de Economía Social y Solidaria, Toni Ramos, Junta Directiva AERES
11:40- 12:30	La medición de impactos de la economía social en la recuperación y reactivación de territorios. Casos prácticos: - Taperes de Enlaca, José María García, Responsable Taperes Navarra - Fundación Desaltes, Toni Ramos, Responsable de proyectos de impacto, Federación Desaltes - Córdoba + Sostenible, José Reyes, Director General de Estudios Socioeconómicos de la Junta de Andalucía, responsable de Sostenible Ana Belén Espinosa, Responsable Córdoba Córdoba
12:30- 14:00	Programa de reutilización en Córdoba: - Red Tronca Córdoba, Francis Cañadas - Red a la española, Fernando Oliva - Bazareros shop Córdoba, Ramón Vidal - Bazareros de Linares, Luis González - N&E, Pilar Vialdo
14:00	Fin

Twitter

Sadeco Córdoba @sadecocordoba · 27 mar.

En estos momentos se está desarrollando, en @sadecocordoba, la jornada sobre "La reutilización de residuos a nivel nacional, regional y local ante los retos de la economía circular". Aquí os dejamos el programa.

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1 2 9



Instagram



sadecocordoba • Siguiendo



retos de la economía circular". Aquí os dejamos el programa.



#reciclaje
#medioambientesomostodos
#medioambientesano
#medioambienteseguro #naturaleza
#medioambientelimpio #recicla
#yocuidomiplaneta #reduce #reutiliza
#yoreciclo

2 días



wonderbottles message us when you get a chance! love this +*



2 días Responder



javichu_todo_es_posible_2030 *

2 días Responder



Les gusta a javi_toma y 11 personas más

HACE 2 DÍAS

Añade un comentario...

Publicar

sadeco Jornada Reutilización: 27 de marzo 2015, SADECO, Ayuntamiento de Córdoba



Some photographs of the event:



Attendance list:



27th MARCH 2019 JORNADA REUTILIZACIÓN CORDOBA

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ALEJANDRO CARONA BRAVO	SADECO	acordoreullor@sadeco.es	



27th MARCH 2019 JORNADA REUTILIZACIÓN CORDOBA

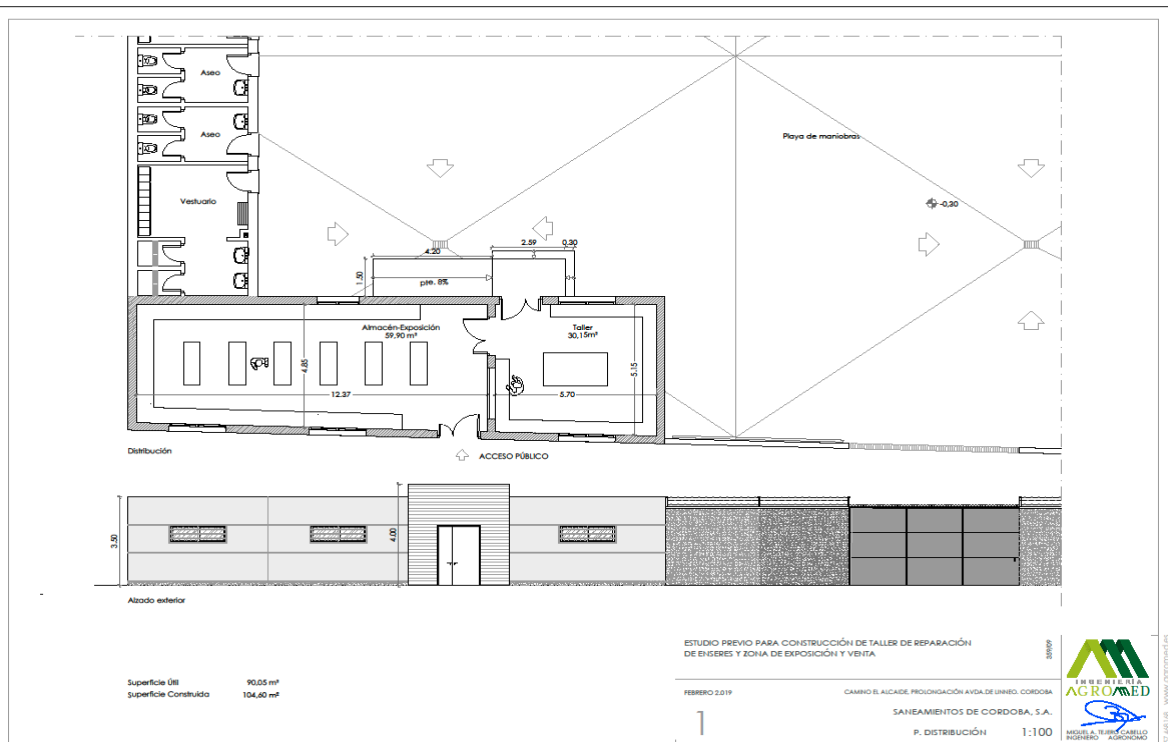
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Rafael Ascario Sacrodo	Red de Trueque		



Activity 5: Conditioning of a space for repair, display and sale of reusable materials in the Ecopark of the City Centre District from April to October 2019.

- **Activity 5.1.** Design of the preliminary plan for the reuse space in the Ecopark.
- **Activity 5.2.** Construction project for the space.
- **Activity 5.3.** Building/Conditioning works.
- **Activity 5.4.** Opening to public.

At present, the architectural plan is designed and the construction project is being developed.



Activity 6: Progressive scalability of the experience – if successful- to the rest of Ecoparks in the city and progressive expansion of the local reuse network by involving more and more infrastructures and agents.

3. Stakeholders involved

Cordoba Balder Network

Cordoba Food Bank

ProLibertas Foundation (clothes reuse)

EcoCordoba (ecological retailers)

Incomeincommon network (digital chain for exchange of favours and objects)

ECOQUEREMOS (laboral integration, oil reuse)

Council of the Citizenship Movement: includes Federation of Neighbourhood Associations, as representatives of citizens with the potentiality to be future providers and consumers of reusable products.

Zonal and Gremial Associations of SMEs in the city centre of Cordoba, as big waste producers and potential future providers and consumers of reusable products: Association of Retailers of the City Centre; HOSTECOR- Federation of Associations for SMES from the Hostelry and Tourism sectors.



4. Timeframe

Activity 1: Bilateral meeting between SADECO & Metropole Nice Cote D´Azur representatives. October 2018.

Activity 2: Drafting of a “*Feasibility Plan for Reuse in the City of Cordoba in the frame of INTHERWASTE project*”. Contracted the 28/12/2018, first advance of results provided to SADECO the 6th March 2019.

Activity 3: Study visit of SADECO representatives to “Traperos de Emaús Navarra” (Pamplona, Spain). 15th March 2019.

Activity 4: Event to start promoting reuse in Cordoba: “The reuse of waste at national, regional and local level in the circular economy frame”. 27th March 2019.

Activity 5: Conditioning of a space for repair, display and sale of reusable materials in the Ecopark of the City Centre District. February - October 2019.

- **Activity 5.1.** Design of the preliminary plan for the reuse space in the Ecopark. February 2019.
- **Activity 5.2.** Construction project for the space. April 2019.
- **Activity 5.3.** Building/Conditioning works. May – September 2019.
- **Activity 5.4.** Opening to public. October 2019.

Activity 6: Progressive scalability of the experience – if successful- to the rest of Ecoparks in the city and progressive expansion of the local reuse network by involving more and more infrastructures and agents. Year 2020 onwards.

5. Costs

- “*Feasibility Plan for Reuse in the City of Cordoba*”: contracted for 6.750 €
- Study Visit to “Traperos de Emaús Navarra”: around 1,000 €
- Communication Event in Cordoba “The reuse of waste at national, regional and local level in the circular economy frame”: around 5,000 €
- Plan and Construction Project for the reuse space in the Centre District Ecopark: 8,000 €.
- Construction works: 70,000 €

6. Funding sources

INTHERWASTE project is financing the “*Feasibility Plan for Reuse in the City of Cordoba*” and the Communication Event to promote reuse, as activities scheduled in semester 6 of the project.

SADECO is financing the study visit to “Traperos de Emaús Navarra” and all the design and construction works to condition the Centre District Ecopark in Cordoba as reuse space also.

Annex III:

Good Practice inspiring Action 2: Giving bulky waste a second life through repair and resale

CITY OF NICE (FRANCE)		
N°.	Section	Description
0.	Title of the practice	Giving bulky waste a second life through repair and resale
1.	Photograph	
2.	Proposers	Waste Management : public authority (Metropole Nice Cote d'Azur)
3.	Contacts	Gilles Passeron Yoann Billon
4.	Useful links	
5.	Start date	May 2018
6.	Current Status	Recycling plant : circular economy and social interest waste collection
7.	Location	Nice – Les Moulins
8.	Inhabitants in the area	12,000
9.	Description of the practice	<p><u>Summary of what the practice is about:</u></p> <p>The association deals with the collection of bulky waste throughout the “Les Moulins” district. The waste is sorted to retrieve what can be repaired and sold in the retail space. All the bulky waste is brought into the repair area to be tested, repaired or revamped.</p> <p>The recycling plant also has a special area for collective composting, the creation and maintenance of a shared, educational garden and waste-themed activities and awareness.</p> <p><u>Origin:</u></p> <p>This project arose out of the Energy Transition for Green Growth Act, passed on 17 August 2015, which aims to reduce the quantity of waste disposed of in landfill by 50%.</p> <p><u>Development and Timescale:</u></p> <p>It took about more than 3 years from the first project study to its execution. The first year was dedicated to the project feasibility study and the soil study. In the meantime, the request for the building permit was made, which was granted in September 2015, allowing the</p>



	<p>budget to be discussed and possession to be taken of the ground. The works started in November 2016 and lasted 11 months.</p> <p><u>Actors involved:</u> The financial partners helping to fund this project were the Caisse des Dépôts et Consignations-Programme Ecocité (€150,000 before tax), Contrat Plan Etat Région (€30,000 before tax), FEDER région PACA programme ITI (€390,066 before tax), CRET région PACA (€100,000 before tax – current file). Within this organisation, more than 80% of the project that was subsidised by our partners. The technical management of the site was awarded to the Association GALICE.</p> <p><u>Legal framework:</u> - A social solidarity economy structure for to drive and manage the recycling plant by means of a reserved public tender defining management systems, operation and remuneration. - Bring in the social stakeholders for the project and set up a convention to define their technical and financial participation. - Hand over the plant to the operator. The running costs (water, electricity, rent, variable taxes and building maintenance, etc.) to be paid for by the Metropole. - Provide the material means to process the collection of bulky waste.</p> <p><u>Financial framework:</u> Running costs: - €45,000/year for operating expenditure, such as waste treatment, water, electricity and various other costs; - €187,500/year for operating expenditure for site management in a public tender framework reserved to social solidarity economy enterprises.</p> <p><u>Use level:</u> The area where the recycling plant is having approximately 12,000 inhabitants. For this kind of activity, we expect at least 5% of the locals to visit each month. The association should also work to propose educational activities for schools.</p>		
10.	Results		
	<p><u>Proven results (using indicators):</u> Work in progress</p> <p><u>Possible success factors:</u> A circular economy in a difficult area that will provide locals with low cost furniture. It is a point of interest for sustainable development with a shared garden. One of the site's most significant activities is education and awareness building.</p> <p><u>Main difficulties encountered:</u> Work in progress</p>		
11.	<table border="1"> <tr> <td data-bbox="209 1637 491 1733">Main lessons learnt from the practice</td> <td data-bbox="491 1637 1402 1733">Not yet available: the recycling plant only opened in May 2018.</td> </tr> </table>	Main lessons learnt from the practice	Not yet available: the recycling plant only opened in May 2018.
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12.	<table border="1"> <tr> <td data-bbox="209 1733 491 1861">Additional information</td> <td data-bbox="491 1733 1402 1861"> http://www.nicecotedazur.org/actualite/2017/10/27/recyclerie-dans-le-quartier-des-moulins-%C3%A0-nice http://recycleriedesmoulins.org/ </td> </tr> </table>	Additional information	http://www.nicecotedazur.org/actualite/2017/10/27/recyclerie-dans-le-quartier-des-moulins-%C3%A0-nice http://recycleriedesmoulins.org/
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Endorsement:

Date: 29th April 2019

Name of the organisation(s):

SADECO, Sanitation Cordoba.

Responsible for "Cordoba Municipal Ordinance on Urban Hygiene (Omhu)"

Representative: Javier Quijada Muñoz, Managing Director of SADECO

Signature:

Stamp of the organisation:

