

Una manera de hacer Europa



Improving the energy efficiency performance of the interior lighting in tu súper's food distribution centres in Fuente Vaqueros, Dúrcal and Granada (Granada)

Andalusian Energy Agency

**Programa Operativo
de Andalucía**

Año 2022

Fondo Europeo de Desarrollo Regional

IMPROVING THE ENERGY EFFICIENCY PERFORMANCE OF THE INTERIOR LIGHTING IN TU SÚPER'S FOOD DISTRIBUTION CENTRES IN FUENTE VAQUEROS, DÚRCAL AND GRANADA (GRANADA)

Project Overview

The Andalusian Energy Agency presents an example of its Best Practice, consisting of the aid granted through the **Sustainable Energy Development of Andalusia 2020 Incentive Programme, "Andalucía es más"**, which offers a **SUSTAINABLE CONSTRUCTION** incentive line with a budget of **180 million euros**. With 38 different types of available actions, the investments target energy saving, energy efficiency, use of renewable energies and infrastructures in buildings, for private or public use, located in the Autonomous Community of Andalusia, which help the community optimise their energy use, paying particular attention to disadvantaged groups.

As part of this scheme, aid was granted in the province of Granada, and among them, various **food distribution centres in the towns of Fuente Vaqueros, Dúrcal and Granada (Granada)** were chosen as examples.

In Andalusia, the food distribution sector (hypermarkets, supermarkets, self-service and cash and carry) has a commercial surface area of more than 2.3 million square metres, with an estimated energy consumption of 94,000 tonnes of oil per year, which represents approximately 7.5% of the Andalusian service sector's total energy consumption in 2019, according to estimates made by the Andalusian Energy Agency.

That's why there is such great potential for improving energy efficiency in lighting installations, estimated at 2,400 toe/year, which would reduce the electricity bill by more than 3 million euros a year, with the consequent savings in polluting emissions.

This project, carried out by an Andalusian supermarket chain, contributes to that goal. It has renovated the interior lighting in three of its establishments, changing the existing fixtures for LED technology, with a total power of 12,000 watts. This will help give the centres a more modern look and make them more comfortable for workers and customers, as the lighting will adapt perfectly to the configuration of the spaces that need lighting. Above all, it will mean **energy savings of 30%** in facilities that remain lit for many hours. It is estimated that 89,000 kW per year and 12,000 euros per year in energy bills will be saved. It will also **prevent the emission of 46 tonnes of CO2 into the atmosphere**.



The project received **9,071.20 euros from the ERDF**, making up 80% of the 11,339 euros incentive out of a total investment of 45,733 euros.

The arguments for this project being considered Best Practice are listed below, in accordance with the criteria defined for this purpose:

Criterion 1. Widespread dissemination among both beneficiaries and the general public.

The first step in communicating was to erect a billboard in the supermarkets targeted by the incentive, a communication requirement for fund beneficiaries.

The project was also published on the Andalusian Energy Agency website, specifically in the section for the dissemination of successful projects co-financed with the ERDF.



A fact sheet for the project was also made and can be viewed [here](#):

Nº05

Actuación de eficiencia energética en la iluminación interior de diferentes centros de distribución de alimentación

OBJETO DEL PROYECTO
Renovación de la iluminación interior por tecnología led en 3 centros de distribución de alimentación.

PROMOTOR
TU SUPER PURCHASE.

LOCALIZACIÓN
Fuente Vaqueros, Dúrcal y Granada (Granada).

INVERSIÓN (IVA incluido)
45.733 €

INCENTIVO CONCEDIDO
11.339 €

AYUDA DE LA UNIÓN EUROPEA
9.071,2 € procedentes del Programa Operativo FEDER Andalucía 2014-2020 (80% del incentivo total concedido).

GESTOR DEL PROYECTO
Agencia Andaluza de la Energía.

ENCUADRE EN EL PROGRAMA "ANDALUCÍA ES MÁS"

Construcción Sostenible

Andalucía es más construcción sostenible

Andalucía se mueve con Europa

IMPACTO AMBIENTAL

EFICIENCIA ENERGÉTICA Y MEJORA EN ILUMINACIÓN

Queremos ser responsables con el entorno, y con esta actuación hemos ganado en eficiencia energética, imagen de empresa y compromiso con el medio ambiente. Estamos muy satisfechos porque nuestro crecimiento se basa en el concepto de Supermercado Responsable, de proximidad y excelencia, reconocido por Covirán y Aenor, donde nos adaptamos al entorno en el que nos ubicamos, colaboramos con aquellos colectivos que favorecen a las personas de su zona y donde gestionamos de forma responsable los excedentes y su reaprovechamiento para evitar el desperdicio alimentario. Un desarrollo sostenible donde la gestión de residuos y la eficiencia energética minimizan el impacto que causa la actividad diaria y contribuye al cuidado del medioambiente.

Rubén Navarro
Director General

Andalucía es más
Programa para el Desarrollo Energético Sostenible de Andalucía

These actions were also publicised in the media (regional, provincial and specialised) through a **press release** which emphasised the ERDF's co-financing of the energy improvements.

The release was also published on the websites of the Andalusian Regional Government's Ministry of Finance and European Funding and the Andalusian Energy Agency:

AGENCIA ANDALUZA DE LA ENERGÍA
Consejería de Hacienda, Industria y Energía

INICIO LA AGENCIA TRANSMISIÓN ENERGÉTICA INFORMACIÓN ENERGÉTICA FINANCIACIÓN ENTRAR

INICIO > ACTUALIDAD > SUPERMERCADOS Y AUTOSERVICIOS ANDALUCES RECIBEN 700.000 EUROS PARA SU MEJORA ENERGÉTICA DURANTE EL ESTADO DE ALARMA

Supermercados y autoservicios andaluces reciben 700.000 euros para su mejora energética durante el estado de alarma

Estas ayudas al sector de la distribución de alimentación, concedidas por la Agencia Andaluza de la Energía con fondos FEDER, supondrán inversiones de 1,4 millones de euros

22 DE MAYO, 2020



Renovación de iluminación incontinuada en un establecimiento de Tu Súper

La Agencia Andaluza de la Energía, entidad adscrita a la Consejería de Hacienda, Industria y Energía, dentro del Programa para el desarrollo energético sostenible de Andalucía cofinanciado con Fondos FEDER, ha concedido ayudas durante el estado de alarma por valor de 700.000 euros a establecimientos de distribución de alimentación, como hipermercados, supermercados y autoservicios, para actuaciones de mejora energética, los cuales realizarán unas inversiones cercanas a los 1,4 millones de euros.

andalucia.es/organismos/haciendayfinanciacioneuropea/actualidad/noticias/detalle/236549.html

Supermercados y autoservicios reciben 700.000 euros para su mejora energética durante el estado de alarma

Las ayudas, concedidas por la Agencia Andaluza de la Energía con fondos FEDER, supondrán una inversión total de 1,4 millones

Andalucía, 22/05/2020

Compartir en

La Agencia Andaluza de la Energía, entidad adscrita a la Consejería de Hacienda, Industria y Energía, dentro del Programa para el desarrollo energético sostenible de Andalucía cofinanciado con Fondos FEDER, ha concedido ayudas para actuaciones de mejora energética durante el estado de alarma por valor de 700.000 euros a establecimientos de distribución de alimentación, como hipermercados, supermercados y autoservicios, que realizarán inversiones cercanas a los 1,4 millones de euros.



Así, las empresas de distribución de alimentación, que a lo largo de la crisis sanitaria están cumpliendo un papel muy importante para el abastecimiento de bienes de primera necesidad a la población, han continuado recibiendo el apoyo de la administración regional para reducir su consumo energético, fundamentalmente asociado a conservación de los alimentos y a la climatización e iluminación de los establecimientos, que también les supondrá un importante ahorro en su factura eléctrica.

Uno de los supermercados que ha invertido en eficiencia energética, en concreto en la renovación de la iluminación interior, ha sido la cadena Tu Súper, que ha cambiado las luminarias de tres de los establecimientos que la empresa tiene en Fuente Vaqueros, Dúrcal y Granada capital. Esta empresa ha recibido un incentivo de 11.300 euros procedentes del Programa para el desarrollo energético sostenible de Andalucía, cofinanciado con Fondos FEDER.

Esta actuación permitirá a los supermercados Tu Súper un ahorro de energía del 30% - estimado en más de 89.000 kWh anuales - en unas instalaciones que permanecen muchas horas encendidas, ahorrando en

The press release made a good impact, being published in 12 media outlets, all of which mention ERDF's co-financing.

In addition to the **general and specialised energy media**, the news appeared on Alimarket.es, an important outlet in the FMCG and food sector, and in the sectoral magazine F&H (Fruit and Vegetables), which could boost the project's exemplary nature by bringing it to the attention of other distribution companies.

europapress / esandalucia / esandalucia - sevilla Actualizado 22/05/2020 09:28

Supermercados y autoservicios reciben en Andalucía 700.000 euros para su mejora energética durante el estado de alarma



Fuente: De Prensa "F" Fotos: Consejería de Hacienda, Industria y Energía. - JUNTA DE ANDALUCÍA SEVILLA, 22 May. (EUROPA PRESS) -

La Agencia Andaluza de la Energía, entidad adscrita a la Consejería de Hacienda, Industria y Energía de la Junta, y dentro del Programa para el desarrollo energético sostenible de Andalucía cofinanciado con fondos Feder, ha concedido ayudas para actuaciones de mejora energética durante el estado de alarma por valor de 700.000 euros a establecimientos de distribución de alimentación, como hipermercados, supermercados y autoservicios, que realizarán inversiones cercanas a los 1,4 millones de euros.



HOUSFY

Vendemos tu casa en 60 días.

Un mejor servicio ahorrando un montón en comisiones.



Gente en Sevilla

Portada Comunidad de blogs Vi-Gente Diver-Gente Ciudades Madrid Castilla y León Goll

Supermercados y autoservicios reciben 700.000 euros para su mejora energética durante el estado de alarma

La Agencia Andaluza de la Energía, entidad adscrita a la Consejería de Hacienda, Industria y Energía de la Junta, y dentro del Programa para el desarrollo energético sostenible de Andalucía cofinanciado con fondos Feder, ha concedido ayudas para actuaciones de mejora energética durante el estado de alarma por valor de 700.000 euros a establecimientos de distribución de alimentación, como hipermercados, supermercados y autoservicios, que realizarán inversiones cercanas a los 1,4 millones de euros.

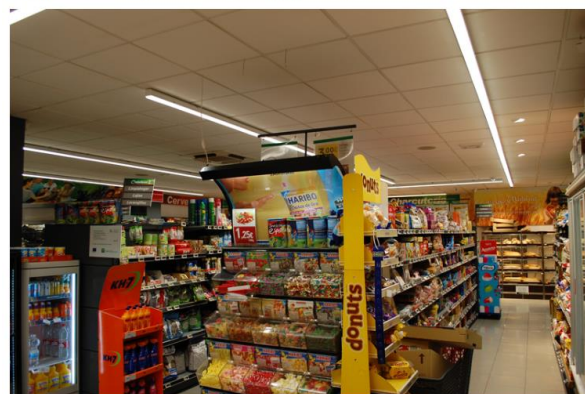
Inicio » Eficiencia Energética » Supermercados y autoservicios de Andalucía invierten en eficiencia energética

Supermercados y autoservicios de Andalucía invierten en eficiencia energética

Publicado: 26/05/2020



La **Agencia Andaluza de la Energía** ha concedido ayudas durante el estado de alarma por valor de 700.000 euros a establecimientos de distribución de alimentación, como hipermercados, supermercados y autoservicios, para actuaciones de mejora energética. Estos establecimientos realizarán unas inversiones cercanas a 1,4 millones de euros.



Estas ayudas al sector de la distribución de alimentación, concedidas por la Agencia Andaluza de la Energía con fondos FEDER, supondrán inversiones de 1,4 millones de euros.

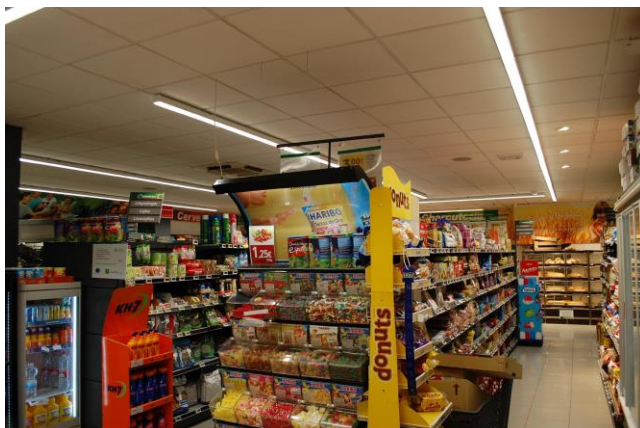
The work was also disseminated on **social media**, in particular on the Andalusian Regional Government's Ministry of Finance and European Funding's Twitter profile; the Andalusian Energy Agency's Facebook and Twitter profiles; and the Andalusian Minister of Finance and European Funding's Twitter profile:



The Andalusian Energy Agency created a hashtag for the dissemination of the ERDF co-financed projects from its profiles, *#ProyectoÉxitoAndalucíaFEDER*, which was also used on this occasion.

Criterion 2. Incorporating innovative elements.

The innovative nature of these supermarkets' work is in the scope of the project itself, as it is in a sector with high energy consumption in lighting and, consequently, with a wide margin for improvement in terms of savings, energy efficiency and emissions reduction.



Furthermore, the renovation of the interior lighting, in addition to being carried out with energy efficiency criteria, is innovative because it gives the centres a more modern look and makes them more comfortable for workers and customers, adapting the lighting chosen to the configuration of the spaces to be lit.

As an innovative feature, this work was developed under the concept of the **Responsible Supermarket**, a term that is not yet widely known in the sector and which involves, among other things, responsible management of excess use, as well as a commitment to society and the environment in which they operate.

Criterion 3. Aligning the results with the established objectives.

Through this work, the company is aligning with its vision of modernisation and sustainability, offering a commercial environment with greater visual comfort for workers and customers.

In terms of the essential energy objectives, changing the interior lighting to LED lamps and fittings will save more than 89,000 kWh per year, which is a 30% saving in installations that remain on for many hours. These energy savings in turn translate into annual financial savings of roughly 12,000 euros.

The environmental objectives were also met, as 46 tonnes of CO₂ are no longer emitted into the atmosphere, thanks to the facilities' electricity savings.

Criterion 4. Contributing to the resolution of regional problems or weaknesses.

In Andalusia, the commercial distribution sector has an estimated annual energy consumption of 94,000 tonnes of oil. And, according to the Andalusian Energy Agency's calculations, there is huge room for energy efficiency improvement in lighting installations, potentially saving 2,400 tonnes of oil a year.

This project contributes to the reduction of energy consumption in the sector and, consequently, also to reducing pollutant emissions and contributing to climate change mitigation.

Furthermore, in a sector that is so economically vulnerable to the variability of energy prices, among other things, due to the high consumption from lighting, there are estimates that the energy bill could be cut by more than 3 million euros per year with this type of action.

In addition to all this, the work was carried out by a regional supermarket chain that operates in areas that are not usually covered by the large distribution groups, responding to the need to strengthen Andalusian supply chains.

Criterion 5. Reaching a high percentage of the target population.

The energy improvement work carried out in the Tu Súper chain's three supermarkets broadly impacts the general public that accesses the establishments, reaching more than 30,000 customers a day.

The project further stands out for its informative and exemplary nature, as the energy efficiency measures carried out can be easily replicated, not only in similar establishments but also by the general public in their homes.

Criterion 6. Consideration of the cross-cutting criteria of equal opportunities and environmental sustainability.

Environmental sustainability was one of the main criteria to be taken into account in the work carried out since the change of lighting has meant a reduction in electricity consumption of 89,000 kWh per year and the prevention of 46 tonnes of CO₂ emissions into the atmosphere.

Social responsibility was also a consideration, as one of the developer's main motivations was the responsibility towards their surrounding environment, minimising the impact of daily activity, increasing both energy efficiency and the visual comfort of its customers and workers.

Similarly, by adapting the chosen lighting to the configuration of the spaces that need to be lit, it promotes equal opportunities for people with visual impairments or illnesses that may be affected by poor lighting.

Criterion 7. Synergies with other policy areas and public intervention instruments.

The work synergised with various public intervention instruments, including the Andalusia Energy Strategy 2020, which promotes Andalusian companies' adoption of energy efficiency measures in its Competitiveness Improvement Programme.

It is also in line with the Law for the Promotion of Renewable Energies and Energy Saving and Efficiency in Andalusia, which promotes actions such as those carried out by the company.

And it aligns with the Integral Plan for the Promotion of Domestic Trade in Andalusia, which establishes the region's commercial development policy.



Junta de Andalucía



UNIÓN EUROPEA

Una manera de hacer Europa



BUENAS PRÁCTICAS

Actuaciones Cofinanciadas

Fondo Europeo de Desarrollo Regional