





Una manera de Bacer Europa



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Programa Operativo de Castilla la Mancha

Año 2020

Fondo Europeo de Desarrollo Regional

Good Practices

The project for the Expansion and Reform of the Guadalajara University Hospital is presented as a Good Practice of the Health Service of Castilla-La Mancha (SESCAM).

The good practice that is presented here consists of the expansion and reform of the Guadalajara University Hospital. To do this, the capacity of the hospital facilities will be increased, adding 4 operating rooms (one of them hybrid), 10 ICU posts and 200 beds with room to increase 170 more. The available area will be expanded from 53,000 m² to over than 115,000 m². This will mean making room for new healthcare services such as an outpatient, surgical and paediatric ICU area, as well as the installation of new operating rooms and specialized equipment that will guarantee new health services and treatments for people, such as complex vascular surgeries or radiotherapy. At the same time, the facilities will be improved to create enough room for the services to be provided, such as the possibility of having individual rooms, a greater number of examination rooms and boxes, more capacity and better access from the Oncohematological Day Hospital and a notable increase in hemodialysis posts.

The total eligible cost amounts to \in 49,428,752, with the ERDF contribution of \in 39,543,002.

With the completion of this health infrastructure, it will be possible not only to serve a population of close to 240,000 people, but also a considerable reduction in waiting times for all types of diagnostic, consultation and treatment procedures.



This action is considered as a good practice because:

1°.- The role of the ERDF in the action has been conveniently disseminated among the beneficiaries, potential beneficiaries and the general public.

Fulfilling the advertising requirements for the project to be financed through the European cohesion policy, a large information poster has been installed at the entrances to the Guadalajara Hospital to provide information to the general population.



In addition, due information has been given on the action carried out in the ERDF section of the SESCAM website, which highlights the participation of ERDF in the action.



This website also includes a promotional video about the works that are being carried out, in which community financing is mentioned both, orally and visually:

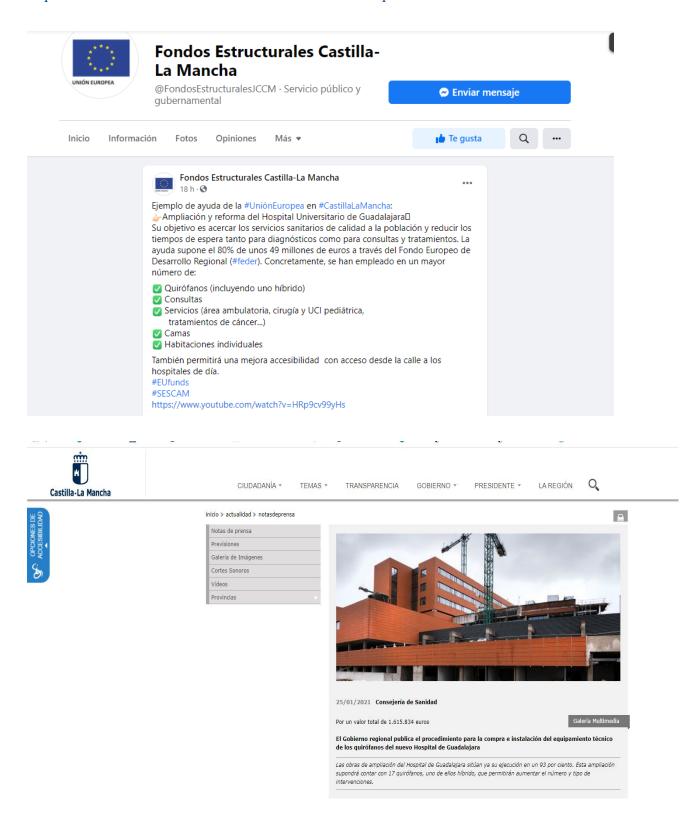
https://www.youtube.com/watch?v=HRp9cv99yHs





There is also a link to Facebook on the Structural Fund site of Regional Government of Castilla-La Mancha, which shows information of the action:

https://www.facebook.com/FondosEstructuralesJCCM/posts/1835383846636429



2nd .-The performance incorporates innovative elements.

The most innovative aspect of this action is adding a hybrid operating room within the surgical area of the expanded building, with dimensions that double those of traditional operating rooms, which combines the typical characteristics of a classic one with those of a radiology room. It allows the performance of highly complex interventions in surgical specialties such as vascular surgery.



Likewise, the new hospital has allowed for renovating the conventional radiology room with a new one with support from the ceiling for the equipment, which allows for greater capacity and better image quality with the lowest possible dose, and which facilitates the right mobility of the patient. Thus, it will also allow for paediatrics examining. The acquisition of a new digital angiograph stands out, which will be used in the treatment of pathologies such as blood vessel obstructions, the installation and removal of catheters or the placement of probes in the stomach.



21/01/2021 Consejería de Sanidad

Para reforzar el servicio y adaptar espacios a las nuevas necesidades Galería Multimedia que impone la Covid-19

El Gobierno de Castilla-La Mancha renueva el equipamiento del servicio de Radiodiagnóstico del Hospital Universitario de Guadalajara

On the other hand, the expansion of the hospital will make possible to create a new service, Nuclear Medicine. It means the installation of a new cutting-edge technology such as the Gamma camera, one of the most widely used image capture devices in nuclear medicine for the disease diagnosis. It will allow for installing a PET-CT, which provides a combination of images of the tissues offered by the positron emission tomography (hence PET) and the X-ray image of the computerized tomography (CT) that will allow the incorporation of radiotherapy treatments to those already provided.

3°.- Adequacy of the objective results to the established objectives.

The purpose of the action is the construction of an infrastructure that responds to the needs of citizens and health professionals, which improves working conditions and thus the provision of health services to the population.

In this sense, the expansion has practically doubled the initial surface of the hospital, in addition to the expansion of the number of examination and operating rooms, new services, more technological equipment and the extension of the capacity of the Oncohematological Day Hospital or Hemodialysis posts. Similarly, it has led to an increase in the number of beds, many of them in individual rooms; as well as the improvement of the facilities in accessibility, safety and comfort; improving the conditions of patients, family members and workers themselves.



4°.- Contribution of the resolution of a problem or weakness detected in the field of execution.

The old Guadalajara University Hospital had to serve the entire province of Guadalajara, including the population of the Corredor del Henares. It has detected as a need to cover a constantly growing population because of the proximity of Guadalajara to the region of Madrid. Therefore, the hospital's capacity was no longer enough to provide the necessary services, in some cases it forced patients to be addressed to other health facilities. Furthermore, the age of the building meant that it does not fit neither security nor comfort current standards. It will provide new health techniques and services proved as a need. With the action presented, it has contributed to the expansion of the health services provided, to offer new treatments and the implementation of new techniques, such as in nuclear medicine, vascular surgery, radiology and in day hospitalization for hemodialysis and oncohematology, thus facilitating the care of a greater number of pathologies and avoiding the need for citizens to travel outside the province of Guadalajara.

5°.- High degree of coverage on the target population of the action.

The Guadalajara Hospital was inaugurated in 1982, when the population of the province was barely half of the current one. The fact that the population of the province has grown, added to the advances in medicine, the new treatments, and the greater chronicity and population aging led the hospital became overcrowded.

With the action that is presented as a good practice, it has been achieved that the population covered by the hospital amounts to 238,895 health identification cards (HIC).

6.- Consideration of the horizontal priorities of equal opportunities and nondiscrimination, social responsibility and environmental sustainability.

The expansion of the hospital that is presented, guarantees the provision and approach of basic services to the entire population of the province of Guadalajara. It especially improves health care in the most depopulated areas and the most disadvantaged groups since it provides all available health specialties in a single hospital and avoids people to travel to other places, which means a reduction in inequalities in access to health services.

The expansion of the hospital also entails an increase in the number of health personnel. The new hires made have been mostly women, and have always been made following the principles of equal opportunities and non-discrimination. In addition, the application of measures that eliminate or reduce the gender gap has been thoroughly observed.

The works have allowed for improving accessibility facilities, thus achieving a better access for people with reduced mobility.

From the field of environmental sustainability, this action has led to an improvement in the reduction of emissions since it incorporates energy friendly measures, linked to the commitment to the incorporation of clean energy and energy savings. The most prominent examples are the replacement of existing gas boilers with new more efficient ones and the setting up of some new building areas of led lights and better insulation on roofs and walls, which maximize efficiency in the final use of the energy in buildings.

It also incorporates renewable energies, such as the installation of thermal solar panels, for the production of sanitary hot water and photovoltaic panels for electricity self-consumption. Greater energy savings are also achieved, with the improvement of thermal insulation beyond what is mentioned above, with the installation of windows with solar control glasses that allows reducing the amount of heat absorbed, allowing the maximum amount of light to pass through and thus reducing spending on air conditioning.



7°.- Synergies of other policies or instruments of public intervention.

The expansion of the Hospital has also required the carrying out of works in the road accesses, allowing a direct connection with the Hospital and the decongestion of traffic, providing greater security and greater visibility to the area.

As a complementary action to the one presented, also in the field of health and in the Corredor del Henares itself, the reform and expansion of the Azuqueca de Henares health Centre (Guadalajara) has been carried out. It is the second most important municipality by population in the province of Guadalajara, which exceeds 30,000 inhabitants. The expansion of this health local facility will mean the consolidation of primary care in the area, allowing scheduled, administrative and on-demand consultations in services such as Family Medicine, Paediatrics, Nursing and Emergency. The strengthening of primary care, together with the specialized one, provided by the municipality's Centre for Specialties and Treatment, provides a comprehensive response to most of the population's social and health problems, thus improving access to health and care resources, consequently avoiding people to go somewhere else.

The Hospital has also benefited from research grants managed by the Carlos III Health Institute and co-financed by the ERDF (Multi-regional Operative Programme of Spain).





"Una manera de hacer Europa"

SESCAM

Hospital Universitario Guadalajara

Proyecto Investigación: PI15/00074

Investigador principal: J.Ramón Larrubia Marfil

<u>Título</u>: Modulación del cluster miR 17-92 como mecanismo para restaurar la respuesta celular citotóxica específica contra antígenos asociados a carcinoma hepatocelular.

Financiado por: Instituto Salud Carlos III

The technological equipment acquired recently also largely with the support of the ERDF and already operational in the current facilities, will be transferred to its expansion.

Among them, it is worth highlighting a new hemodynamic room whose features have made it possible to expand the offer of services and interventions and to ensure the ones that had to be referred in the past.



Nueva técnica de Cardiología en el Hospital de Guadalajara para tratar a jóvenes con ictus

La preparación de los profesionales de Cardiología Intervencionista, sumada a las posibilidades que ofrece el nuevo equipo de la sala de Hemodinámica favorecen la incorporación de técnicas como ésta, dirigida a pacientes jóvenes con ictus que presentan una comunicación interauricular



Formación para profesionales de Hemodinámica del Hospital de Guadalajara





Los profesionales que integran el servicio de Cardiología del Hospital Universitario de Guadalajara, dependiente del Servicio de Salud de Castilla-La Mancha (SESCAM), comenzaron con la formación para el manejo de nuevos equipos instalados durante la renovación de la sala de Hemodinámica.



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