

*Una manera de hacer Europa*



# BUENAS PRÁCTICAS

## Actuaciones Cofinanciadas

**SUPPLY AND INSTALLATION OF DIGITAL CLASSROOM EQUIPMENT  
IN PUBLIC SCHOOLS IN BALEARIC ISLANDS**  
The Department for Early Childhood Education, Innovation and  
Education of the Conselleria of Education, University and Research

# Programa Operativo de Illes Balears

Año 2019

**Fondo Europeo de Desarrollo Regional**



## **SUPPLY AND INSTALLATION OF DIGITAL CLASSROOM EQUIPMENT IN PUBLIC SCHOOLS IN BALEARIC ISLANDS**

### **Basic project description.**

With the aim of improving the connectivity of schools in the Balearic Islands, as well as the communication technologies (ICT) in application of the Govern Education Modernisation Plan of the Balearic Islands, the Department of Education, University and Research of the Conselleria of Education, University and Research has launched action to **supply and install digital classroom equipment for primary and secondary schools in the Balearic Islands.**

A digital classroom is technology equipment that allows the projection of educational content in a high format and with interactivity. This is a package composed of an interactive digital slate (DPI), an interactive projector, which allows screening and self-amplified speakers. A connection box is also included as well as the cables necessary for its proper functioning.

This has facilitated the adoption of a model for ICT-based teaching, on the use of applications and services and on access to educational digital content by teachers, students and families.

The Department for Early Childhood Education, Innovation and Education of the Conselleria of Education, University and Research has implemented this action with a total investment of EUR **996.586** and ERDF assistance of EUR **498.293**.



With the implementation of this equipment, the estimated school population for this equipment has been **88.957 pupils**, the total percentage of classrooms with an internet connection of 100 %.

The total number of digital classrooms provided and installed in public schools has been **3.897**

Please find below the arguments making for a good practice, in accordance with the criteria set for this purpose.

## Criterion 1. High dissemination among beneficiaries and the general public.

This action has been widely disseminated through the various information and publicity measures developed. In particular, **all regulatory communication obligations have been met.**

Among the **compulsory rules** implemented and implemented in accordance with Community law, the following should be noted:

During the installation of the equipment, an **identification label** has been affixed to each of the monitors and to the hardware devices with the logos and slogans of the European Union and the ERDF to comply with the rules on information and communication measures.



In addition, a **permanent information poster** is placed at the entrance of the Information Technologies Service to the Education Department of the Conselleria of Education, University and Research, in a visible place to the public, including the corresponding texts and logos.



This visibility has been reinforced by the information contained in a specific section of the **website of the Directorate-General for Children, Innovation and Education** on the action it is promoting under the OP ERDF 2014-2020 of the Balearic Islands for the supply and installation of digital classroom equipment in the public school of the Balearic Islands.



## Fons FEDER 2014-2020

Darrera actualització: 15 octubre 2019

### Actuacions:

Subministrament i instal·lació d'equipaments d'aula digital per a centres docents públics de les Illes Balears.

#### Curs 2019/2020:

a) L'actuació consisteix en la licitació d'un contracte per al subministrament i la instal·lació d'equipaments d'aula digital d'educació secundària obligatòria de centres docents públics de les Illes Balears. S'entén per equipament d'aula digital interactiu de 86" i un dispositiu hardware amb el sistema operatiu Android.

El pressupost destinat a l'actuació és de 600.000 € i permetrà la instal·lació d'un mínim de 200 aules digitals basades en monitors interactius.

b) L'actuació consisteix en la licitació d'un contracte per al subministrament i la instal·lació d'equipaments d'aula digital de centres docents públics de les Illes Balears. S'entén per equipament d'aula digital el conjunt format per un projecte de caixa de connexions i altaveus.

El pressupost destinat a l'actuació és de 502.200 € i permetrà la instal·lació d'un mínim de 186 aules digitals basades en monitors interactius.

NOTA: El 52,17% del projecte és cofinanciat en un 50% pel PO FEDER de les Illes Balears.

*Website of the DG to report on the project co-financed by the ERDF*

<http://www.caib.es/govern/sac/fitxa.do?codi=2615510&coduo=1785&lang=ca>

In addition, **other additional information and publicity measures** have been carried out which have increased the spread of the action and the visibility of the ERDF's contribution to it. In this regard, the following actions should be highlighted:

Firstly, all schools to whom educational material has been supplied have been informed that the action is co-financed by the ERDF by sending a **notification**.

**Assumpte:** DOTACIÓ DE MONITORS INTERACTIUS (AULES DIGITALS) - Servei de Tecnologies de la Informació a l'Educació

**De:** Servei de Tecnologies de la Informació a l'Educació <servei.tie@educaib.eu>

**Data:** 03/10/2019, 10:49

**A:** ceipiesopintorjoanmiro@educaib.eu

CEIPIESO PINTOR JOAN MIRÓ - 07006895

REF: dotació de MONITORS INTERACTIUS (EXCLUSIVAMENT AULES DE PRIMÀRIA)

Sr. director / Sra. directora

El motiu d'aquest missatge és comunicar-vos que en les properes setmanes, el vostre centre rebrà una dotació de 3 aules digitals basades en monitors interactius, corresponents al CONTR 2019 2904; i destinades exclusivament a les aules de primària.

Aquest pla està cofinanciat amb el 50% del Fons Europeu de Desenvolupament Regional (FEDER) corresponent al període 2014-2020.

Tota la informació referent a la recepció del material i la instal·lació d'aules digitals i la certificació final de la mateixa ho trobareu a l'art. 4 de l'annex 1 del contracte de subministrament i instal·lació d'equipaments d'aula digital i a l'annex 2 del contracte de subministrament i instal·lació d'equipaments d'aula digital.

Several **information notes** have been produced in the news section in the website of the Government of the Balearic Islands, as well as **news in various media** in the Balearic Islands on the launch of the action, its progress and results.

## Consell de Govern: EDUCACIÓ DESTINARÀ 728.000 EUROS PER A EQUIPAMENTS D'AULA DIGITAL A CENTRES DOCENTS PÚBLICS DE LES BALEARS EL 2018

Així, es completarà la dotació d'aules digitals als centres públics de tots els nivells obligatoris

Aquestes actuacions formen part del Programa Operatiu del Fons FEDER 2014-2020

El Consell de Govern ha aprovat avui l'autorització de despesa per al subministrament i la instal·lació d'equipaments d'aula digital per a centres docents públics de les Illes Balears, per un import màxim de 727.750 €. Aquesta actuació permetrà estendre la dotació d'aules digitals a tots els nivells educatius obligatoris.

**Balears**  
Costaràn 290.000 euros

### Los colegios de Baleares tendrán 116 nuevas aulas digitales

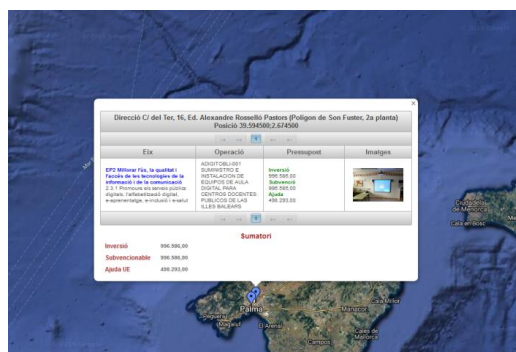
La Consejería de Educación va a comprar pizarras táctiles interactivas y proyectores. Forma parte de un programa cofinanciado por la Unión Europea



Aula de un colegio

Another dissemination channel is the **mapping system** for co-financed projects of DG Funds, located on its website ([http://www.caib.es/sites/fonseuropeus/ca/portada\\_2016/?campa=yes](http://www.caib.es/sites/fonseuropeus/ca/portada_2016/?campa=yes)). This application on line, which is accessible to anyone, makes it possible to visualize, not only the geographic location of the investment, but also systemized data on the name, field of intervention, co-financier, EU aid, total eligible cost and even pictures of the investment made.

A reference to the project and the ERDF contribution in its implementation has also been included in the **Newsletter of the European Funds in the Balearic Islands** in August 2019 edition, paying particular attention to the results obtained through this investment..



*Newsletter of European Funds in the  
Balearic Islands (No 6, August 2019)*

### *Mapping system for locating co-financed projects in the Balearic Islands*

**Criterion 2. Incorporating innovative elements.**

The investment made is conducive to the creation of innovative teaching and learning environments involving both students and teachers. The use of these technological resources has entailed a **methodological shift in teaching practices** in the beneficiary centers, as well as the development of new educational tasks in the classroom through the use of ICT. All of this makes it easier to take advantage of the benefits offered by ICT.



In addition, training has been developed in innovative methodologies and the **TAC programme** (Learning technologies and Knowledge in Curricular Development) has been launched, which allows schools to make changes to teaching and teaching processes in digital mode as an alternative to textbooks.

### Criterion 3. Adequacy of the results achieved to meet the objectives set.

Educational processes are a basic mechanism through which citizen can be educated in the Knowledge Society, where training and information on new technologies is one of the prerequisites for the implementation of structural, economic and cultural change and social change.

The use of new technologies, such as the digital classroom in schools, contributes to quality public education that ensures **equal access to ICT**, based on increased educational innovation



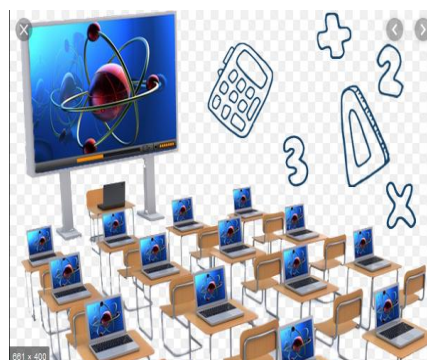
### Criterion 4. Contribution to solving a regional problem or weakness.

Installing digital classrooms will provide a **key boost to the integration of information technologies** into educational and pedagogical practices in schools. This has been accompanied by the introduction of a programme for the use of learning technologies for teaching staff.

The project is also a very important driver for **the strengthening of digital skills across the education community**. In this way, it contributes to the great challenge of forming citizens ready to live and work on the so-called Information and Knowledge Society.

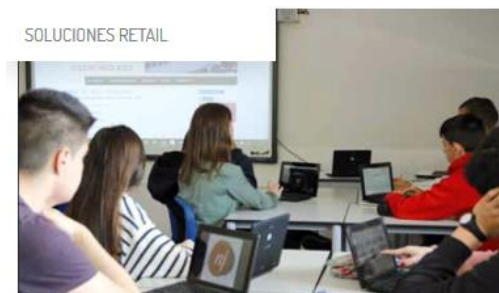
### Criterion 5. High coverage of the target population

**Population directly benefited from** action is a total of **88.957 pupils** from all public primary, secondary, baccalaureate and vocational training in the Balearic Islands. It benefits from increased motivation and learning, thanks to the fact that the project promotes more dynamic and attractive lessons, moving to a more active role in the classroom



The educational community also benefits, and in particular, **13.291 teachers**, who have access to a wealth of resources through access to the Internet, which is conducive to the installation of IDPs, which offer great teaching potential

## Criterion 6. Taking into account the horizontal criteria of equal opportunities and environmental sustainability



From the point of view of **equal opportunities**, this action will promote equal access to good-quality early-childhood, primary and secondary education, improved accessibility for information and communication technologies and promote high-quality public education that ensures genuine equal opportunities

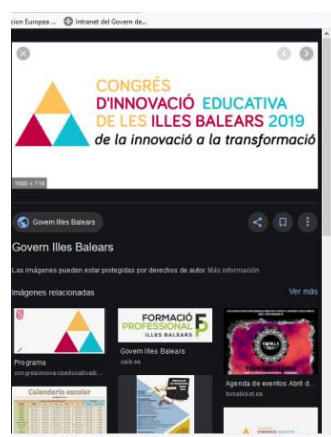
The project also contributes to the principle of non-discrimination as it facilitates the alignment of ICT to pupils with disabilities, benefits the pupils with visual difficulties for the possibility of increasing the size of texts and images, it also favours students with hearing difficulties due to the use of visual displays alongside sign language use as well as students with other specific educational support needs, such as problems of attention and behavior, as they have a large size sensitive to a pencil or even finger.

In relation to **sustainable development**, the project has a positive environmental impact. Among other measures, it should be noted that the projectors are mercury-free.

## Criterion 7. Synergies with other public intervention policies or instruments.

This action is part of the **Digital Culture Plan at the School**, a reference framework set up by the Ministry of Education, Culture and Sport for the implementation of ICT in the education system.

It is also included in the **Plan for the Modernization of Education of the Balearic Islands**, with the aim of adopting digital solutions to enhance the improvement of the regional education system in the Balearic Islands through the use of ICT.





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