

# CULTURE, KNOWLEDGE AND COMMUNITY: INTERNATIONAL MEETING OF LIBRARIES

## Good practices workshop

### 1 Entity data

• *Library name:*

Diputació de Barcelona, Gerència de Serveis de Biblioteques.

*Barcelona Provincial Council, Library Services Management Office.*

• *Full address:*

C/ Comte d'Urgell, 187. Recinte Escola Industrial. Edifici annex al Vagó

08036 Barcelona

• *Territorial sector, thematic area and population:*

In the province of Barcelona there is a Municipal Library Network, hereafter XBM, made up of 235 libraries and 12 mobile libraries, which serve a population of more than 5.7 million inhabitants. The libraries of the Xarxa XBM work together with the same service quality standards, while guaranteeing territorial balance in access to the public reading service, thanks to the collaboration in the joint management of the Barcelona Provincial Council with the different municipalities of the province.

• *Name of the responsible person and position:*

Ignasi Bonet Peitx

Head of Section of Architecture and Library Equipment

• *Contact details of the person responsible:*

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### 2 Type of presentation

• Oral presentation

• **Digital presentation (X)**

### 3 Good practices project

• *Title of the project:*

Initial Maintenance Plans and Energy Efficiency Studies for public library buildings in the Province of Barcelona

• *General description (300 words):*

Each council in the Municipal Library Network, hereafter XBM, owns the service and the equipment, and undertakes to maintain and update the building, in all aspects: the space, the installations and the furniture.

Once the growth of the number of equipment of the XBM has stabilized, in relation to the previous decades, which had had a strong growth, it is necessary to manage and maintain the built heritage to guarantee the satisfaction of the functional requirements of the equipment and the quality of the service offered there, as well as its alignment with the Sustainable Development Goals. Proper maintenance of buildings and efficient management of energy consumption must allow the minimization of costs and the minimization of greenhouse gas emissions.

In order to promote the fulfilment of this commitment, the Diputació de Barcelona started a pilot project in 2022 and incorporated in its Catalog of Services in 2023 the drafting of Initial Maintenance Plans and Energy Efficiency Studies, which are technical documents that allow the study of optimization of the energy impact and planning the maintenance costs of municipal library equipment.

The is a technical instrument in which, based on a diagnosis of the civil works, technical installations and municipal management, deficiencies in the equipment are identified and proposed actions to correct them. These actions determine the corrective and preventive maintenance costs necessary for the library equipment to have acceptable conditions of use.

Energy Efficiency Studies, either Optimization Studies or Audits with dynamic simulation, a technical instrument in which, based on the analysis and characterization of energy consumption through billing data, technical visits and monitoring energy, the level of energy efficiency is evaluated and energy saving measures are identified with a return on investment of less than 10 years with the aim of reducing the costs of energy consumption and reducing CO2 emissions with the consequent reduction of the environmental impact.

The Energy Certification is also carried out and the Energy Efficiency Label of the building is processed.

Up to now, 14 library facilities have been supported in the last 3 years, through a group of seven specialized technical teams, made up of architects and engineers.

• *Recipients:*

Public library buildings of 14 Municipalities of Barcelona Province.

• *Location and coverage (neighbourhood, district, city, town, country):*

Municipalities:

- 2022:
  - Sant Adrià de Besòs - Biblioteca Sant Adrià
  - Santa Margarida de Montbui - Biblioteca Mont-Àgora
  - Santa Perpètua de Mogoda - Biblioteca Josep Jardí
- 2023:
  - Granollers - Biblioteca Roca Umbert
  - Sant Andreu de Llavaneres - Biblioteca Font i Daniel
  - Sant Antoni de Vilamajor - Biblioteca Municipal Joana Raspall i Juanola
  - Santa Eulàlia de Ronçana - Biblioteca Casa de Cultura Joan Ruiz i Calonja
  - Vilafranca del Penedès - Biblioteca Torras i Bages
- 2024:
  - Martorell - Biblioteca de Martorell
  - Mataró - Biblioteca Antoni Comas
  - Vilanova I la Geltrú - Biblioteca Joan Oliva i Milà
  - Santa Margarida i els Monjos – Biblioteca de Santa Margarida i els Monjos
  - Montornès del Vallès – Biblioteca de Montornès
  - Santa Coloma de Cervelló - Biblioteca Pilarin Bayes

• *Activities and tasks:*

The following studies and documents have been carried out for each municipality:

- Initial Maintenance Plan
- Energy Efficiency Studies, either Optimization Studies or Audits
- Energy Certification and Energy Efficiency Label

• *Resources (human, material, infrastructure, economic):*

- Technical and human: 7 consulting companies, with teams of architects and engineers
- Economic: 158.736,20€ from 2022 to 2024

• *Scope (check 1 of the following 3):*

**X Sustainability**

Reading

Democracy

• *Insert QR (with the web and links to videos or photos):*

<https://catalegdeserveis-cercador.diba.cat/fitxa?id=132476>