

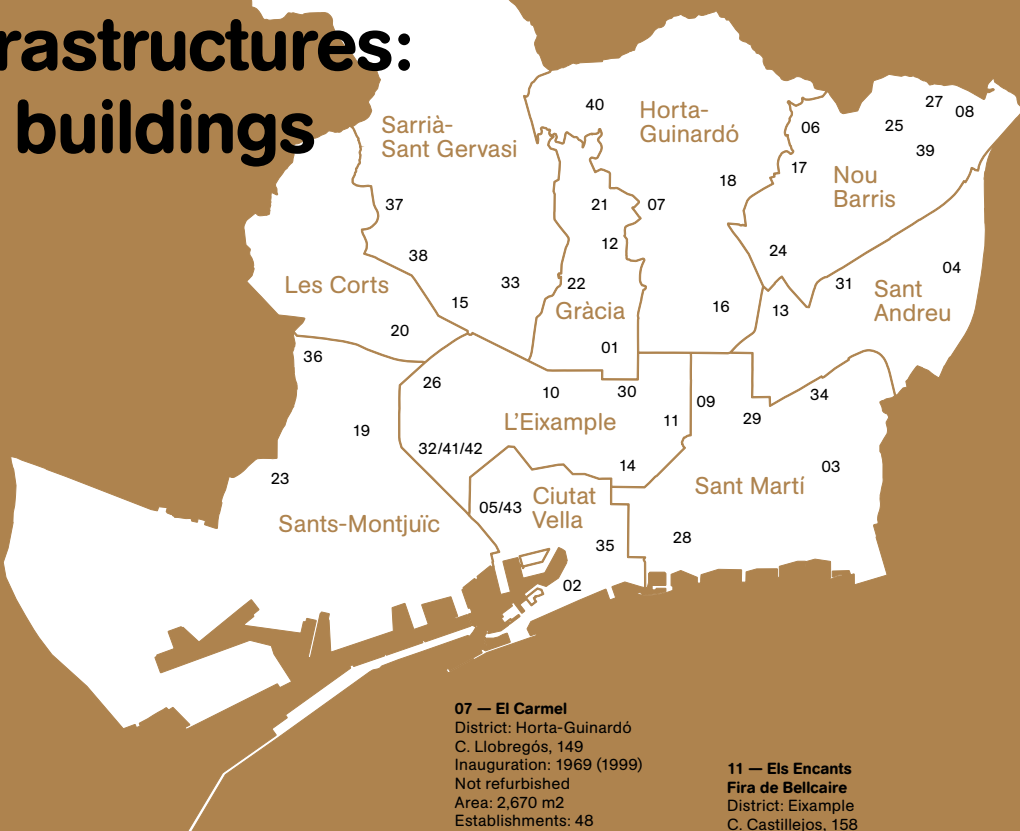
04.



Infrastructures, Resources and Digitalisation

The refurbishments of the markets is conceptualised so that they contribute to maintaining the uniqueness of each neighbourhood. The transformation projects have the complicity of traders and the neighbourhood. The development model preserves the architectural value, while improving the sustainability of the facilities and the modernisation of the logistics and commercial proposal. Since 2020, the physical transformation has been accompanied by the digitalisation process of the entire network.

Infrastructures: 40 buildings



01 — Abaceria Central
District: Gràcia
Travessera de Gràcia, 186
Inauguration: 1892 (2020)
In process of refurbishment
Area:* 1,361 m2
Establishments:** 42
Services: home delivery,
Online sales (Manzaning)
mercatabaceria.cat

02 — La Barceloneta
District: Ciutat Vella
Pl. Poeta Boscà, 1
Inauguration: 1887 (2007)
Refurbished
Area: 1,486 m2
Establishments: 21+1
supermarket
Services: car parking,
home delivery,
online sales (Manzaning)
mercatdelabarceloneta.com

03 — El Besòs
District: Sant Martí
C. Jaume Huguet, 38
Inauguration: 1968 (1999)
In process of improvement
Area: 1,848 m2
Establishments: 31

04 — El Bon Pastor
District: Sant Andreu
C. Sant Adrià, 154
Inauguration: 1961 (2019)
Refurbished
Area: 726 m2
Energy classification: A
Establishments 10+1
supermarket
Services: car parking

05 — La Boqueria
District: Ciutat Vella
La Rambla, 91
Inauguration: 1914 (2002)
Refurbished
Area: 7,138 m2
Establishments: 202
Services: information point,
Boqueria Classroom, car
parking, Online sales
(Manzaning), publications
boqueria.barcelona

06 — Canyelles
District: Nou Barris
C. Antonio Machado, 10
Inauguration: 1887 (1999)
Not refurbished
Area: 1,875 m2
Establishments:
22+1 supermarket
Services: car parking
mercatcanyelles.com

07 — El Carmel
District: Horta-Guinardó
C. Llobregós, 149
Inauguration: 1969 (1999)
Not refurbished
Area: 2,670 m2
Establishments: 48
Services: car parking,
home delivery,
online sales (Manzaning)

08 — Ciutat Meridiana
District: Nou Barris
C. Costabona, 4
Inauguration: 1968 (2001)
Refurbished
Area: 630 m2
Establishments:
7+1 supermarket

09 — El Clot
District: Sant Martí
Pl. Mercat, 26
Inauguration: 1889 (1995)
Refurbished
Area: 1,284 m2
Establishments:
28+1 supermarket
Services: car parking, online
sales, home delivery
mercatdelclot.net

10 — La Concepció
District: Eixample
C. Aragó, 313
Inauguration: 1888 (2009)
Refurbished
Area: 2,910 m2
Establishments:
48+1 supermarket
Services: car parking,
shopping trolleys,
home delivery, online sales
laconcepcio.cat

**11 — Els Encants
Fira de Belcaire**
District: Eixample
C. Castillejos, 158
Inauguration: 1928 (2013)
Refurbished
Area: 15,000 m2
Establishments: 292
Services: car parking,
information point
encantsbarcelona.com

12 — L'Estrella
District: Gràcia
C. Pi i Margall, 73
Inauguration: 1957 (2007)
Not refurbished
Area: 1,651 m2
Establishments: 50
Services: home delivery
mercatlestrella.com

13 — Felip II
District: Sant Andreu
C. Felip II, 118
Inauguration: 1966 (2002)
Refurbished
Area: 1,822 m2
Establishments:
38+1 supermarket
Services: home delivery

14 — Fort Pienc
District: Eixample
Pl. Fort Pienc, 3
Inauguration: 2004
Refurbished
Area: 1,532 m2
Establishments:
14+1 supermarket
mercatfortpienc.cat

15 — Galvany

District: Sarrià-Sant Gervasi
C. Santaló, 65
Inauguration: 1926 (1999)
In project of refurbishment
Area: 2,201 m2
Establishments: 73
Services: car parking,
home delivery,
online sales (Manzaning)

16 — El Guinardó

District: Horta-Guinardó
C. Teodor Llorente, 10
Inauguration: 1954 (2014)
Refurbished
Area: 1,309 m2
Establishments:
13+1 supermarket

17 — La Guineueta

District: Nou Barris
Pg. Valldaura, 186
Inauguration: 1965 (2013)
Refurbished
Area: 2,945 m2
Establishments:
22+1 supermarket
Services: orders by phone,
cooking classroom
mercatguineueta.com

18 — Horta

District: Horta-Guinardó
C. Tajo, 75
Inauguration: 1951 (1998)
In project of refurbishment
Area: 1,560 m2
Establishments: 50
Services: car parking,
home delivery,
online sales (Manzaning)
mercathorta.com

19 — Hostafrancs

District: Sants-Montjuïc
C. Creu Coberta, 93
Inauguration: 1888 (2003)
Refurbished
Area: 3,040 m2
Establishments:
48+1 supermarket

20 — Les Corts

District: Les Corts
Travessera de les Corts, 215
Inauguration: 1961 (2008)
Refurbished
Area: 664 m2
Establishments:
35+1 supermarket
Services: car parking,
wifi, home delivery
mercatdelescorts.cat

21 — Lesseps

District: Gràcia
C. Verdi, 20
Inauguration: 1972 (1999)
Refurbished
Area: 1,152 m2
Establishments:
27+1 supermarket
Services: home delivery,
online sales (Manzaning)
mercatdelesseps.cat

22 — La Llibertat

District: Gràcia
Pl. Llibertat, 27
Inauguration: 1888 (2009)
Refurbished
Area: 1,728 m2
Establishments:
34+1 supermarket
Services: home delivery

23 — La Marina

District: Sants-Montjuïc
Pg. Zona Franca, 178
Inauguration: 2003
Refurbished
Area: 2,037 m2
Establishments:
22+1 supermarket

24 — La Mercè

District: Nou Barris
Pg. Fabra i Puig, 270
Inauguration: 1961 (1999)
Not refurbished
Area: 1,769 m2
Establishments: 57
Services: information point,
home delivery
mercatdelamerce.cat

25 — Montserrat

District: Nou Barris
Via Favència, 247
Inauguration: 1960 (1997)
In project of refurbishment
Area: 2,376 m2
Establishments: 42
Services: home delivery
mercatmontserrat.com

26 — El Ninot

District: Eixample
C. Mallorca, 133
Inauguration: 1933 (2015)
Refurbished
Area: 5,584 m2
Establishments:
50+1 supermarket
Services: car parking,
home delivery,
online sales (Ulabox),
wifi, Green Point
mercatdelninot.com

27 — Núria

District: Nou Barris
Av. Rasos de Peguera, 186
Inauguration: 1966 (2019)
Not refurbished
Area: 546 m2
Establishments:
1 supermarket

28 — El Poblenou

District: Sant Martí
Pl. Unió, 25
Inauguration: 1889 (2005)
Refurbished
Area: 1,696 m2
Establishments:
24+1 supermarket
Services: home delivery
mercatpoblenou.com

29 — Provençals

District: Sant Martí
C. Menorca, 19
Inauguration: 1974 (2013)
Refurbished
Area: 2,179 m2
Establishments:
32+1 supermarket
Services: car parking,
information point,
online sales (Manzaning)
mercatprovençals.com

30 — La Sagrada Família

District: Eixample
C. Padilla, 225
Inauguration: 1993
Refurbished
Area: 4,341 m2
Establishments: 39
Services: car parking,
wifi, home delivery,
orders by phone,
information point, lockers,
children's park inside
mercatsagradafamilia.com

31 — Sant Andreu

District: Sant Andreu
C. Sant Adrià, 21
Inauguration: 1914 (2020)
In process of refurbishment
Area: 672 m2
Establishments: 17

32 — Sant Antoni

District: Eixample
C. Comte d'Urgell, 1
Inauguration: 1882 (2018)
Refurbished
Area: 5,410 m2
Establishments:
58+1 supermarket
Services: car parking,
home delivery,
information point
mercatdesantantoni.com

33 — Sant Gervasi

District: Sarrià-Sant Gervasi
Pl. Joaquim Folguera, 6
Inauguration: 1968 (2013)
Refurbished
Area: 652 m2
Establishments:
18+1 supermarket
Services: home delivery,
online sales (Manzaning)
mercatdesantgervasi.com

34 — Sant Martí

District: Sant Martí
C. Puigcerdà, 206
Inauguration: 1966 (2003)
Refurbished
Area: 1,166 m2
Establishments:
17+1 supermarket

35 — Santa Caterina

District: Ciutat Vella
Av. Francesc Cambó, 16
Inauguration: 1848 (2005)
Refurbished
Area: 3,781 m2
Establishments:
59+1 supermarket
Services: car parking,
electronic orders,
home delivery, cloakroom
mercatsantacaterina.com

36 — Sants

District: Sants-Montjuïc
Sant Jordi, 6
Inauguration: 1913 (2014)
Refurbished
Area: 1,740 m2
Establishments:
36+1 supermarket
Services: car parking,
home delivery,
cooking classroom
santsmercat.com

37 — Sarrià

District: Sarrià-Sant Gervasi
Pg. Reina Elisenda, 8
Inauguration: 1911 (2007)
Refurbished
Area: 1,170 m2
Establishments:
19+1 supermarket
Services: car parking,
home delivery,
online sales, wifi
mercatsarria.com

38 — Les Tres Torres

District: Sarrià-Sant Gervasi
C. Vergós, 2
Inauguration: 1958 (1998)
Not refurbished
Area: 507 m2
Establishments: 12
Services: car parking, wifi,
online sales (Manzaning)

39 — Trinitat

District: Nou Barris
C. Pedrosa, 21
Inauguration: 1977
Refurbished
Area: 931 m2
Establishments:
13+1 supermarket
Services: car parking, wifi

40 — La Vall d'Hebron

District: Horta-Guinardó
Pg. Vall d'Hebron, 130
Inauguration: 1969 (2019)
Refurbished
Area: 1,040 m2
Establishments: 19+1 super-
market
Services: car parking, home
delivery

41 — Encants de Sant Antoni

District: Ciutat Vella
C. Comte d'Urgell, 1
Refurbished
Area: 3,664 m2
Establishments: 102

42 — Dominical del Llibre (Sunday Book Market)

District: Ciutat Vella
C. Comte d'Urgell, 1
Refurbished
Area: 1,059 m2
Establishments: 77
dominicaldesantantoni.com

43 — Florists de les Rambles (Florists of the Rambles)

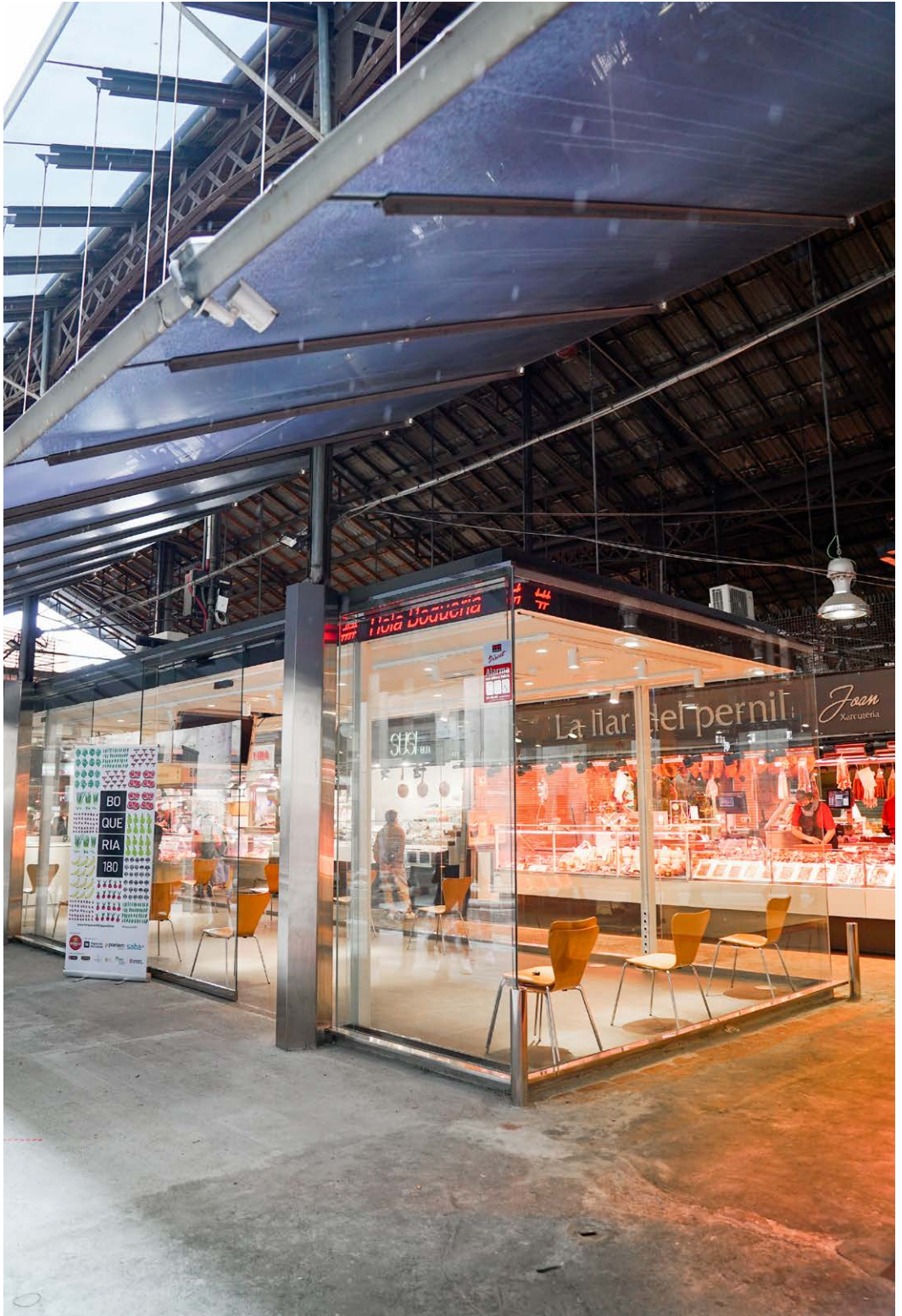
District: Ciutat Vella
La Rambla, 91
Not refurbished
Area: 147 m2
Establishments: 12

* For all the markets, the area of the commercial floor is indicated. For the cases of the Abaceria Central and Sant Andreu, the data corresponds to their provisional location. For the cases of the Encants de Sant Antoni, the Dominical del Llibre and the Florists de les Rambles, the commercial area of the active stalls is indicated. In the case of Núria, the area of the supermarket is indicated, unlike all other cases, because this market has no establishments. ** Establishment: physical space of direct attention of a single titleholder by means of a counter.

Modernisation policy of the markets

The markets are transformed to become a food cluster of fresh and quality product adapted to new consumer habits and new distribution trends. The projects of the digitalisation plan being carried out will foster the improvement of the competitiveness, will provide objective data on the flow of public and on business activity, and will offer tools to traders to expand and diversify the customers.

The constant updating of the markets responds to different goals of the Strategic Markets Plan of Barcelona 2015-2025, based around the transformation of neighbourhoods through the renovation of the markets, the leadership in fresh produce distribution in Barcelona and the maintenance of consumer guidance.



The market development model is based on public-private collaboration, with the following key aspects:

Creation of new services, extension of opening hours, adapted to new shopping habits, distribution and consumption



Reorganisation of the commercial mix and introduction of new operators modernising the complementary offer



Restoration of the architectural value of the buildings



Selective waste collection and environmental commitment



Modernisation of the facilities and improvement of attractiveness



Underground logistics area with internal loading bays



Multi-channel promotion of markets through loyalty tools and marketing campaigns



Car parking and Centres of Urban Microdistribution (CMU)

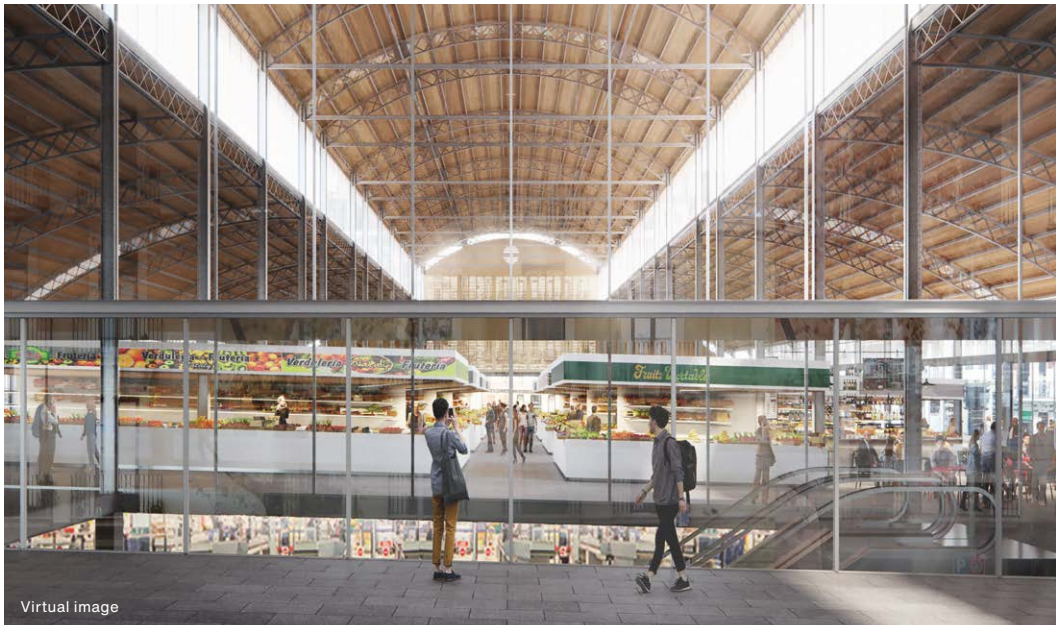


Actions in infrastructures

Investments in rehabilitation and improvement of markets are mostly funded by Barcelona City Council. The operators of the markets and the IMMB also contribute with their own resources.

The IMMB plans the necessary actions to be carried out based on the criteria of opportunity, needs, improving competitiveness and alignment with ongoing public policies. Processes always start by counting on the will of the parties and budget availability.

During 2020, despite the general context of the pandemic, the investment effort has continued following the municipal investment plan roadmap. Broadly speaking, the IMMB invests in the complete refurbishment of the facilities, in major improvements, in the General Plan of Works —which includes improvement and maintenance tasks— and in the Digitalisation Plan. In 2020, 13,053,662 euros was allocated.



Major transformations

Four approved processes are carrying out complete transformations, in the markets of Sant Andreu, Abaceria, Montserrat and Horta, for an amount of 63.1 million euros



Mercat de Sant Andreu

In 2020, the construction process continued with the execution of 4,092,751 euros of the total investment for the project of 13,406,084 euros. The new facility will consist of a main building located in the middle of the Plaça del Mercadal, where the food market will basically develop, and a premises with non-food stalls, which is perceived as a covered passage between Plaça del Mercadal and the street Rubén Darío. The future building will improve the integration with the square thanks to a transparent structure of glass on the perimeter walls of the market that will facilitate the connection between the inside and the outside and the visibility of commercial activity from the outside. The new distribution of the building, of 2,458 m², will locate in the basement the logistics spaces of the market, the installations, store-rooms and a rubbish container connected to the ground floor, which will be reserved for commercial activity. In the annex building, of 650 m² spread over two floors, non-food stalls will be located, the market management and the premises for the traders' association.

Mercat d'Horta

During 2020, we worked with the traders to define the model of market based on their needs and the location of the provisional market that will operate during the works. The project bid for the construction of the provisional market has been tendered and work has begun on the commercial reorganisation of the new market of Horta.

L'Abaceria

During 2020, demolition of the old building was completed and the removal of asbestos from the roof and the drafting of the projects which will define this facility was awarded. The historic building will undergo a complete renovation but its structure will be reserved and protected by the Municipal Architectural Catalogue. The studies carried out foresee incorporating new operators to complement the offer, a new space of cooperative economy and a supermarket. The project also includes the provision of various logistics services. The programme initially foreseen is being redefined partly to respond to demands of neighbourhood organisations and associations, who request storage spaces. The market will also have a new covered outdoor public space of at least 500 m², for the neighbours to use, and an increase in its area is being considered.

Mercat de Montserrat

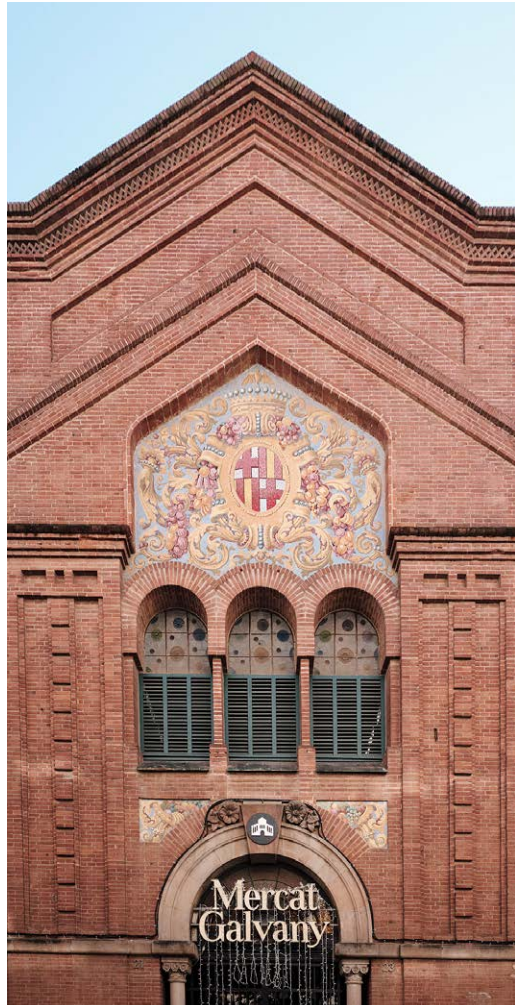
The basic project was drafted at the end of 2020 and its technical approval is being processed. Simultaneously, the work is being carried out in the executive project phase. A new ground floor market is planned that will incorporate a supermarket of about 1,300 m², underground loading and unloading bays, and car parking for traders and customers. In this case, it will not be necessary to build a temporary market, because the new market will be located in a newly constructed building on the current site of Carrer d'Aiguablava, next to the Via Favència. Construction is scheduled to begin at the beginning of 2022. At the same time, the Special Urban Improvement Plan has initially been approved. The process will be completed with the urbanisation of the surrounding areas, which will be carried out by the municipal operator Barcelona Infrastructures Municipals, SA.

Major improvements

Three major improvement processes are underway Besòs, Galvany and Sagrada Familia markets, which will adapt their conditions to remain benchmark facilities in food distribution of their neighbourhoods.

Mercat de Galvany

Given the need to improve the low voltage installation and to increase the power supply for the market and for the traders, the construction of a new transformation centre and renovation of the electrical infrastructure for the whole market has been planned. These actions involve the execution of works outside the market, which are being managed with commercial agreements with Endesa Distribución, which plans the execution of the new transformation centre. The work is mainly planned for 2021. 2020 was used to award and start the works, and also to plan the lighting improvement. This action will represent a step forward in the market installations also from the point of view of sustainability.





Mercat de la Sagrada Família

In order to improve the commercial appeal of the market, the commercial rearrangement is in process of the sales room and their adaptation, in accordance with the remodeling requirements of the Sagrada Família Civic Centre and all the facilities in this block. During 2020, the drafting of the projects began which will define the works of all these facilities.

Mercat del Besòs

During 2020, the refurbishment works of the storerooms located on the ground floor of the market were completed, as well as an important commercial concentration. The works of the new access from Cristóbal de Moura street and the refurbishment of the logistics area were also awarded and have started, foreseen to end in 2022.

General plan of works, improvements and maintenance

Resources have increased significantly aimed at ensuring the good functioning and state of the market service. 23.5% of the total investment has been allocated for improvements and maintenance of the network. Here we outline the main actions.



Improvements in sustainability

Interventions that contribute to energy savings and the conditioning of green spaces

In 2020, the main actions were:

- Change of lighting for LED technology in the markets of Sants and l'Estrella.
- Drafting of six executive projects of replacement of LED lighting in Carmel, Hostafrancs, Provençals, Sagrada Família, Santa Caterina and El Ninot.
- Improvements to ventilation and steam extraction at the Boqueria Market.
- Renewal of heating and cooling in the market of Lesseps.
- Drafting of renovation projects for new heating and cooling in the markets of Hostafrancs, La Mercè, El Carmel and Santa Caterina.

Improvement and modernisation of the lifts

Modernisation of the lifts or improvement of existing ones. Installation of a new lift in the market of Les Corts

- Approval of new maintenance contracts of elevator equipment that will allow the upgrading of the service lifts and lifts in the markets of Bellcaire, Canyelles, El Clot, La Concepció, La Llibertat, Provençals, Sant Martí and Santa Caterina.

Improvement of the accesses and the façades

Works to improve access to the commercial and logistics areas, and improvements and rehabilitations of the façades

- La Mercè. Completion in November of the new façade and the accesses on Passeig de Fabra i Puig.
- Barceloneta. Drafting of the improvement and conservation project of the façades.
- El Clot. Project and specific diagnosis of the façades.
- L'Estrella. Preliminary design and basic project of reform of the façades.

- Fort Pienc. Executive project of the toilets.
- La Marina. Preliminary draft for improving the rear access to the market from the green area

Maintenance and renovation of infrastructure and other actions

- Bon Pastor. Demolition of provisional market and re-urbanisation.
- Felip II. Partial demolition of the exterior stalls and relocating the paving in the square.
- Bellcaire. Improvements of the offices and the public attention space, non-slip treatments and actions to improve accessibility
- Canyelles. Construction works of the new toilets.
- La Concepció. Drafting of the project for improving the drainage of the roof.
- El Guinardó. Closure of the area of the escalators.
- La Guineueta. Dry well under the storerooms for the hygienic improvement of the market.
- Horta. Execution of the lifelines.
- Hostafrancs. Drainage improvement works of the roof. Project of new storerooms and toilets on the ground floor of the market.
- Les Corts. Replacement of the dock door.
- La Llibertat. Improvements to the storage area of the fishmongers.
- La Marina. Waterproof guttering of the exterior stalls and replacement of the alarm centre.
- Montserrat. Works to improve the cold rooms.
- Sant Martí. New high-speed door for the dock
- Sants. Changes to the paving in the car park and new emergency lighting.

From physical to digital modernisation: Digitalisation plan

Set of projects that respond to the values and goals of the Strategic Plan 2015-2025 and the new needs of our current and potential customers. The information technologies reinforce the whole plan of physical transformation of the market network. The modernisation of the space has taken place accompanied by organisational and service modernisation

Marketplace

Implementation of the Internet as a sales channel in the municipal markets of Barcelona. A specialised operator will be responsible for the integral management of the online eCommerce platform and the app. The linked logistics service will enable the orders to reach the customers.

Collection points (lockers)

The new marketplace service will be completed with the implementation of collection points for dry and refrigerated products in the markets. The network of lockers will give the option to the customers to pick up their orders when it suits them best. An initial pilot test is planned for mid-2021 in 5 markets.

Capacity control of the markets

Having data on municipal market access is essential in order to quantify the impact on their neighbourhoods and the time distribution of the visits, and Covid-19 has added the need to strictly control the maximum capacities. During 2020 sensors were installed in all accesses to the markets that record the number of people entering and leaving. A screen indicates in each case what the maximum capacity is, and the possibility to enter or not.

Sensors in the markets and alarm centre

The installation of sensors of different types (heating and cooling, electric current, etc.) in the markets and connected to an alarm control centre, will allow real-time key data to be made available in order to detect possible anomalies and carry out the suitable actions. All this volume of information (plus that gained from other systems such as capacity data) will be collected in a unified system that will allow the data from all markets to be visualised in an aggregated way.

Incident management tool

A first version of the tool is already up and running that collects the incidents associated with the usual operation of the markets allowing the communication and resolution in an agile way by those directly responsible for maintenance.

Plan for the renewal of the current back office software

The internal software renewal plan consists of three actions:

1. New file management software adapted to the new needs of the Municipal Institute of Markets and the regulations of the Administration and Electronic Registration of Public Administrations.
2. New invoicing system that will allow the presentation and online downloading of receipts to the traders.
3. New energy supply purchasing model that will facilitate the integration of different consumption that will have simulation functionalities to help traders estimate and save on expenses and therefore will contribute to achieving the sustainability goals.

Deployment of telecommunications infrastructure in the markets

In order to provide connectivity to the different monitoring and control devices in the markets which are part of the digitalisation plan, the deployment has begun of an updated telecommunications infrastructure.

E-mailing system

In its commitment to increasing communication, the Institute of Markets will be equipped with an e-mailing system that will facilitate programming and the sending of personalised communications to inform the users about activities, service information, etc.

Image repository

Specific image management software which will allow the images to be documented and classified so that they can be made available to the public.

Network of screens and contents management tool

The content management system will consist of the installation of a network of screens and microcomputers distributed in the markets, with a remote control software to be able to spread common content throughout the network or specific to each facility.

New website: mercats.barcelona

New website that will unify, under one city domain, the three aspects of the markets: the municipal management, markets as an agora and as an educating agent. mercats.barcelona aims to be a digital space that allows you to see the markets in all their dimensions, able to accommodate to digital innovations that may emerge in a world with increasingly connected citizens.

The projects defined in the digitalisation plan have an initial calendar for the foreseen implementation 2020-2023.