JoinTrip

SHAREBUS
Current Situation

ACCESIBLE CITY

Deficient due to:
- obstacles
- Ortogonal and rigid network,
- taxi on demand: segregation and high costs for the public administration
- Nocturn

https://app.powerbi.com/view?r=eyJrIjoiNzhhZDQyZjctYTBlNS00OGE3LTlhYmYtMjU3MDNlMjAzNzYwliwidCI6IjQxNDJkNTVlLTE3NWYtNDYxNC05MTUzLTk0ZmE5NDMzZDEzNiIsImMiOjh9
Current Situation

HEALTHY CITY

https://app.powerbi.com/groups/me/reports/52b9ef07-4855-4bbe-99d2-f3e7a3a10736?cid=2537f9b3-c82f-4d68-b682-ea78563b8794
Global Objectives

• Right to an Accessible City
  Complementing the existing bus network to increase its accessibility to citizens, with special attention to groups with disabilities.

• Right to a Healthy City
  Reduce travel by private vehicle in Barcelona to reduce the amount of CO2 and meet the objectives of the UN 2030 Agenda.
Specific Objectives

- **Efficiency**: Reduce travel time
- **Flexibility**: complement the current bus network with a door to door system
- **Unification**: unify passengers that would otherwise use semi-empty vehicles
- **Security**: reduce nighttime insecurity.
- **Facilitation**: provide accessible routes eliminating obstacles for disability groups
- **Integration**: reduce the perception of exclusion from the public transport network for groups with reduced mobility such as “Taxi on demand”.
Proyect Features

SHAREBUS Bus On-Demand

- ORDER BY APP
- PUBLIC SYSTEM
- RESTRICTIONS:
  - 2KM JOURNEYS
  - 15 MIN IMPROVEMENT
- ROUTE OSCILLATION
  - TIME MAX 10MIN
- BOOK TRAVELS
- PRICE €/KM
- PASSENGER JOINED ON A 200M PERIMETER
- DOOR TO DOOR
1. **Specify your journey:** Your current location is the default starting point. To change it, simply move the pin or enter an address.

2. **Enter time and details:** Let us know if you are bringing someone else along, or if you have a disability card. Then you can decide when you want to set off and request your journey.

3. **Check route:** Your pick-up and drop-off points will now appear on the map. The virtual stops will be no more than 200m from your original location. You can also see your estimated time of arrival and how much the journey will cost.

4. **Book journey:** Is everything okay? If so, confirm the booking by swiping the screen. Your journey will then be booked and paid for. A (QR) code will be generated.

5. **Share journey:** During the journey, other passengers going in the same direction will get in and out. It will appear in your screen. By sharing a journey, you are helping to protect the environment.
Specify your journey

Going to Carrer de Sant Hermenegild...

Pere IV-Provençals (3565)
APP

2

Enter time and details

Starting point: Current location
Destination: Select destination

Leaving now: Advanced options
Search

SPEED UP YOUR SEARCHES: Add a place

Transport used: Bus

2 passenger

Disability card

Time to leave
Check route

Starting point: Current location
Destination: Carrer de Sant Hermenegild

Results for today, 09:54:

RECOMMENDED ROUTES:
- V27 + H6: 44 min
- L4 + V15: 44 min
- H31 + S2: 46 min
- H6: 47 min

Save this route

From: Carrer de Pere IV, 362-364
To: Carrer de Sant Hermenegild, 19

Walk 3 min

Bac de Roda - Bolívia
V27 - Pg. Marítim / Canyelles
5 stops to Pl. dels Indians
Journey time: 9 min

Walk 6 min

Pl. dels Indians

Pg. Maragall - Ronda Guinardó
H6 - Zona Universitària / Onze de Setembre
4 Book journey

Accumulate points by interacting with the APP and earn rewards according to your level.

My tickets
Purchase History
My favourites
Destinations and r...
Settings

KM / trip
Share journey

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AirDrop. Share instantly with people nearby. If they turn on AirDrop from Control Centre on iOS or from Finder on the Mac, you’ll see their names here. Just tap to share.
Price of the Different Modes of Transport

Automobile
0,50€/Km
(gasoil price 1,3€/l.)

SHAREBUS
0,70€/Km

Taxi
1,17€/Km
+ Suplementos

*Data from Automovilistas Europeos Asociados (AEA, 2017) and the Metropolitan Area of Barcelona (AMB, 2019)
SHAREBUS vs Others On-demand Systems

ShareBus absorbs private vehicle users while the majority of on-demand services are not ecological as they absorb users of the public transport network due to:

- Affordable prices
- No overlapping paths.
- Stable times. Max 10min variation.
- Smooth transition from conflict to taxis thanks to restrictions.
- Its main objective is to benefit the disabled user by integrating them to the public network, thanks to the advantages they are given.